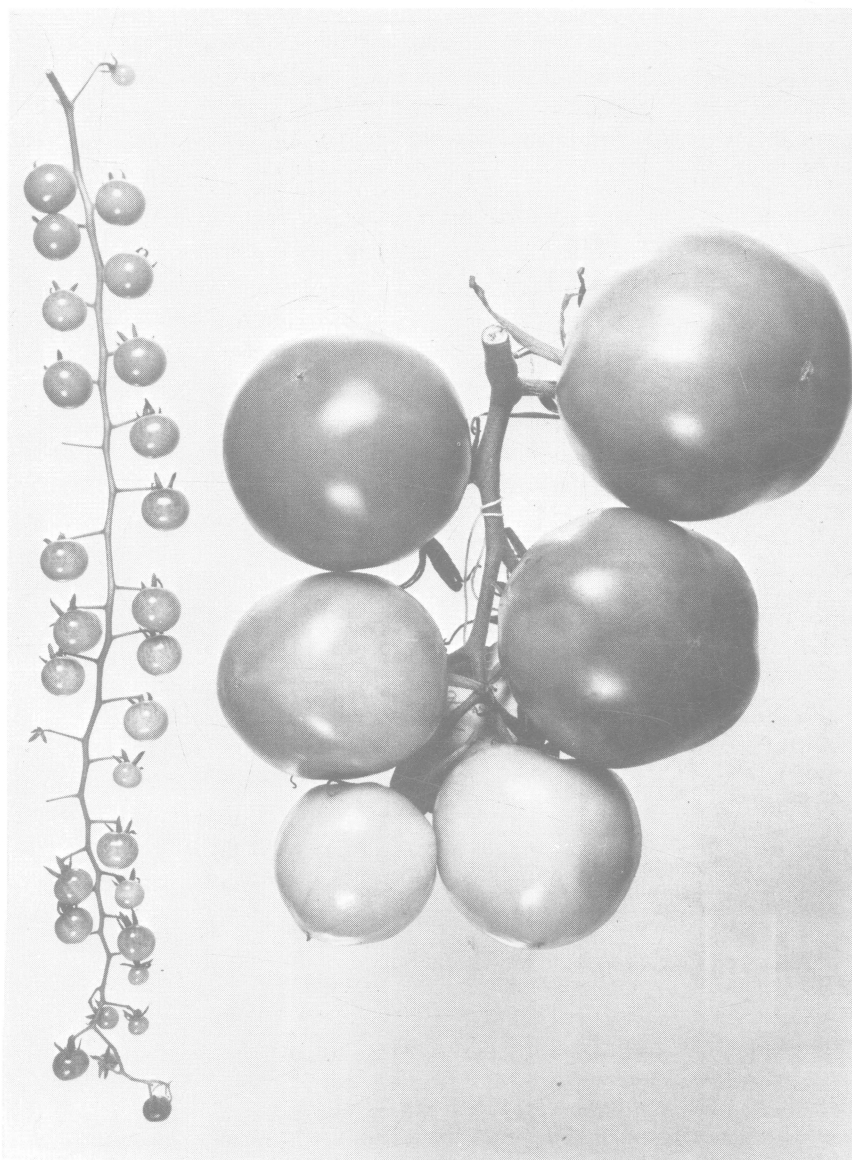


Horticultural Characters and Reaction to Two Diseases of the World Collection of the Genus *Lycopersicon*



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Agricultural Experiment Stations of
Alaska, Illinois, Indiana, Iowa, Kan-
sas, Michigan, Minnesota, Missouri,
Nebraska, North Dakota, Ohio,
South Dakota, and Wisconsin, and
the U. S. Department of Agriculture
cooperating.

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The Introduction, Multiplication, Preservation, and Evaluation of New Plants for Industrial and Agricultural Utilization.

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Grateful acknowledgment is made to the NC-7 Vegetable Crops Subcommittee for their help and encouragement.

ON THE COVER: Left, PI 79532, Missouri accession 160, **Lycopersicon pimpinellifolium**; right, commercial variety containing germplasm for Fusarium wilt resistance derived from **L. pimpinellifolium**. The wild species, **L. pimpinellifolium**, frequently referred to as the currant tomato, has contributed genes for resistance to more diseases than any other tomato species. It is estimated conservatively that more than 30 commercial varieties have this species in their parentage and it is likely that there are many more.

Horticultural Characters and Reaction to Two Diseases of the World Collection of the Genus *Lycopersicon*¹

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and ALBERT F. DODGE²

INTRODUCTION

During the past 30 years, between two and three thousand accessions including representatives of the known species of the genus *Lycopersicon* have been introduced into the United States by the U. S. Department of Agriculture, by research workers in public and private agencies, and by private individuals, either through correspondence or trips abroad. Even though the tomato is considered to be indigenous to South America and possibly Central America, many collections came from other areas of the world. However, the wild species were collected largely in their natural habitat.

The North Central Regional Plant Introduction Station, in cooperation with the Ohio Agricultural Research and Development Center and the Crops Research Division, Agricultural Research Service, U.S.D.A., has assembled 2658 of these tomato introductions under the New Crops Project NC-7. The accessions have been classified for species and reaction to two diseases, described for certain horticultural characters, and are being maintained by storage of viable seed, except in a few cases where it is necessary to maintain the stocks as clones. This collection includes 138 genetic stocks as well as tetraploids, diploids resulting from doubling the chromosome number in haploids, and male steriles.

Classification, description, and disease studies have been conducted at the Ohio Agricultural Research and Development Center. Seed multiplication, storage, and distribution are handled at the Regional Plant Introduction Station, Ames, Iowa. Each year following completion of the evaluation of accessions worked with that year, a cumulative seed list is published and seed is made available for immediate distribution. Seed requests from foreign investigators should be directed to the New Crops Research Branch, Crops Research Division, Agricultural

Research Service, U. S. Department of Agriculture, Beltsville, Maryland.

Alexander, Lincoln, and Wright (5) screened a part of this collection for diseases which occur in Ohio and Indiana. Disease resistance in 144 accessions of the wild species was described by Alexander and Hoover (3, 4). Hoover, Alexander, Paddock, Crum, and Dodge (14) reported on 1253 accessions which were classified for species, resistance to two diseases, and certain horticultural characters. To make this new bulletin complete, accessions described in Regional Bulletin 65 are included with the 1405 accessions which have been accumulated and classified during the intervening 12-year period. Additional data on the disease resistance of many accessions have been accumulated by other research workers. It is hoped that these data may be assembled and published.

The data secured for every accession are published in detail because it has been found that, even though many accessions are indistinguishable phenotypically, they frequently are genotypically distinct. This has been especially demonstrated for disease resistance by Alexander and Hoover (4).

A start on a detailed gene analysis of the genus *Lycopersicon* has been made by Barton *et al* (6), Clayberg *et al* (11), Butler (8), and Clayberg (10). The quicker a gene analysis can be completed, the more rapidly the plant breeder can progress. However, it is not within the scope of this project to conduct detailed studies for plant characteristics. It is intended that the accessions be maintained and classified to serve as a germplasm bank for horticulturists, plant pathologists, geneticists, and all other workers interested in research on tomato.

This paper describes a world collection of tomato stocks now held and distributed by the North Central Regional Plant Introduction Station, Ames, Iowa. For the past several years, several thousand seed samples have been distributed annually. Thus, this inventory is published to provide descriptive information on available tomato introductions to workers interested in tomato improvement research.

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NORTH CENTRAL REGIONAL NEW CROPS PROJECT NC-7

The North Central Regional New Crops Project NC-7 is entitled, "The Introduction, Multiplication, Preservation, and Evaluation of New Plants for Industrial and Agricultural Utilization." This is a cooperative program of the 13 State Agricultural Experiment Stations of the North Central Region, which includes Alaska, and the Crops Research Division, ARS, USDA. Other USDA agencies cooperating in this program are the Soil Conservation Service, Forest Service, and the Northern Utilization Research and Development Division, Agricultural Research Service.

The New Crops Research Branch, Crops Research Division, assumes leadership in conducting foreign and domestic plant explorations, identifying and classifying the plant materials collected, clearing the plant materials through proper inspection and quarantine procedure, and placing the stocks with the four Regional Plant Introduction Stations, research agencies, or individual crops research specialists. The New Crops Research Branch also provides technical assistance and gives administrative guidance and coordination to the work of the four regional new crops projects.

Regional Plant Introduction Stations have been established in each of the four Experiment Station Regions of the United States. The North Central Plant Introduction Station is located at Iowa State University, Ames. This Regional Station is provided with a technical staff for growing and making preliminary evaluation of new introductions and for processing and storage of seed under controlled temperature and humidity. The maintenance and distribution of seed stocks is a very important phase of the work. Any research worker may request seed from the germplasm storage. In return, he is requested to submit a report on the performance of the

germplasm, including any new or valuable traits observed. The Regional Station maintains performance records of the evaluations.

Seed of about 11,800 accessions of some 75 genera has been successfully increased and described and is available for distribution from the North Central Regional Station. Another 1600 introductions are active but have not increased sufficiently. In addition, many fruit collections and collections of native plants are maintained in cooperation with state experiment stations.

The Regional Station is performing its major function of germplasm storage for the North Central Region. A Regional Station may also have responsibility for primary maintenance of collections of certain crop introductions for all regions. For example, the North Central Regional Station has the primary responsibility for the preliminary evaluation, seed increase, storage, and distribution of the world collection of tomato introductions.

The Regional Station also cooperates with the National Seed Storage Laboratory, Fort Collins, Colorado, by sending seed of individual introductions which have proven value or by sending entire crop collections which have been described and evaluated. Only reserve supplies of seed are sent so as not to interfere with the anticipated requirements for distribution by the Regional Station. The National Laboratory is a long-term seed storage facility and ordinarily does not receive seed requests unless the seed is not available elsewhere. The placement of seed at this laboratory provides a safeguard against possible loss of valuable introductions. To date, seed of about 2,000 tomato introductions listed in this bulletin has been sent to the National Laboratory. Additional accessions will be sent as they become available.

MATERIALS AND METHODS

The tomato accessions in this collection, comprising both wild and domestic species, were introduced from many parts of the world through exploration, exchange, gift, or purchase. Many wild and domestic tomato accessions were obtained by Blood and Tremelling in 1937 throughout South America. More recently specialists including Morrison, Schreiber, Norvell, Rick, Correll, and Smith have collected in these areas. Correll, Larson, Alvarez, and Schwanitz obtained additional material in Mexico and Central America. Many introductions of the domestic species were collected in Asia, Asia Minor, and Africa by Koelz, Harland, and Archer, respectively.

Domestic species were obtained from many European sources as well as from other areas of the world not mentioned above. Other accessions were developed by research workers as desirable plant breeding material, gene markers, tetraploids, or male sterile lines. Valuable germplasm in the form of old standard varieties has been included in the seed collection. It has also been deemed advisable to include new varieties as they are released.

These accessions were grown during the 17-year period 1949-1965. As soon as an accession was increased enough for distribution, the seed was placed in storage in the Regional Plant Introduction Station

TABLE 1—Characters Used to Classify and Describe the Accessions of Common Tomato

Geno- type	Vine and Foliage Characters				Fruit Characters										
	Size 1-5	Growth and Habit	Size of Leaflets 1-5	Cracking		Size Inches	Shape 1-5	Set 1-5	Maturity 1-5	Intensity of Flesh Color 1-5	Locules (num- ber)	Fascia- tion 1-5	Disease Reaction		
				Amount 1-5	Type C-R								Alter- naria	Mo- saic	
C H Gf P R T U Wt Y	1 Small	GROWTH De- termi- nate	1 Small	1 None	C Con- cen- tric	Near est 1/8 inch	1 Oblate (flat)	1 Light	1 Early	1 Light	Num- bers given up to 5	1 Smooth	1 Slight	Re- sis- tant	
	2 Small medium	In- deter- minate	2 Small medium	2 Slight	R Ra- dial	2 Globose (round)	2 Light medium	2 Early medium	2 Light medium	2 Slightly fasciated		2 Slight medium	Above that listed as many	3 Medium fasciated	3 Medium
	3 Medium	HABIT Pros- trate	3 Medium	3 Medium		3 Ovate (Egg)	3 Medium	3 Medium	3 Medium	3 Medium	3 Medium	3 Medium			
	4 Medium large	Inter- me- diate	4 Medium large	4 Medium severe	4 San Marzano	4 Medium heavy	4 Medium late	4 Medium dark	4 Medium dark	4 Fasciated	4 Medium severe	Seg- re- gating			
	5 Large		5 Large	5 Severe	5 Pyr- iforme (pear)	5 Heavy	5 Late	5 Dark	5 Severe	5 Severe	5 Severe				
	Erect														

and entered in the regional seed list. Unfruitful tomato accessions have been maintained vegetatively and distributed as cuttings.

Seed of certain accessions may occasionally be in short supply because of low inventory, poor viability, or both. In such cases, there may be a delay in supplying seed. A few accessions may not be available as seed for immediate distribution because they are difficult to increase. These are designated by an asterisk following the PI number. If the requested accessions cannot be provided, the Regional Station will try to make appropriate substitution and advise the cooperator.

For all except the genetic stocks, the soil used was a well-drained Wooster silt loam in good physical condition but extremely low in fertility. This type of soil was selected because it was observed that the green-fruited species fruited better under conditions of low fertility.

For the purpose of evaluation and classification, 10 to 20 plants were grown in single plots. However, fewer plants were secured in working with old seed in some instances. In a few instances no plants were secured and thus the accession was lost. In most cases where only one or at most a very few plants were secured, plants of the accession were grown and evaluated another year. Where accessions were evaluated for 2 or more years, it was observed that the evaluations were in a high degree of agreement.

Earliness of maturity was judged largely by the performance of the varieties Stokesdale and Rutgers. Under Ohio conditions these varieties are early-medium and medium-late, respectively.

In the previous regional tomato bulletin published in 1955, gene symbols for describing the accessions

were used as listed by Young and MacArthur (26) and by Barton *et al* (6). In this publication, the gene symbols used are those listed by Barton *et al* (6), Clayberg (10), and Clayberg *et al* (11).

The accessions were classified in the field for their reaction to the leaf blight phase of early blight, incited by *Alternaria solani* (Ell. & Mart.) Jones and Grout, and for their reaction to the tobacco mosaic virus (13). Inoculations with tobacco mosaic virus were made in the field. Two methods of inoculation for TMV were used without noticeable differences in results. In the years 1949, 1950, and from 1957 on, the plants were inoculated by rubbing a minimum of three leaflets with Carborundum and plant juice which had been extracted from plants infected with a green strain of the virus. In the years 1951 to 1956, inoculations were made by blowing the inoculum into a minimum of three leaflets, using the method described by Richards and Munger (18). Both compressed air and compressed nitrogen gas were used with this method of inoculation. Prior to inoculation, the infective juice was diluted with an equal volume of water and Carborundum was added. Inoculations with *A. solani* were made by dusting the plants during a wet period with pulverized infected tomato leaves. The inoculum was prepared by grinding tomato leaves which had been killed by *A. solani*. These leaves were collected from the Marietta Vegetable Crops Branch, Ohio Agricultural Research and Development Center. The ground leaves were diluted with an equal volume of inert material.

The accessions were evaluated for vine and fruit characters based upon estimates, not upon definite measurements. Fruit size was estimated to the nearest 1/8 inch by observation. In many instances where there was a slight variation within an accession, the

estimate for a specific character was an average of all plants. In cases of wider variation, the estimate for a character was best denoted by describing the different types. However, where individual plants of an accession were constant for characters except for one plant, the variation exhibited by it was disregarded.

Five classes were used to describe each character whenever possible. However, this was not possible in all cases. The characters for which the accessions of the common tomato were evaluated and the classes used to describe them are shown in Table 1. In the case of the small, hairy-fruited wild species, data on skin cracking, number of locules, and fasciation of fruits were omitted from the description. These characters as well as that of fruit shape were also omitted from the record of the *Lycopersicon pimpinellifolium* accessions.

Special explanation is necessary for the gene symbols found under the heading "Genotype" in Tables 5, 6, 7, and 8. Most accessions appeared to be fairly constant for certain characters and, to reduce the number of columns in the tables, accessions were described with respect to the nine characters shown in Table 2.

The accessions were not uniform when received in many instances. Some appeared to be segregating for some characters, whereas other accessions appear-

ed to consist of mixtures of seed. For the latter, usually there appeared to be only one or at the most a few off-type plants. In this case, seed was not saved from these plants. However, where accessions were not uniform and appeared to be segregating, seed was saved from all plants. Thus, no attempt was made to secure pure lines of the accessions but rather a definite attempt was made to maintain the germplasm possessed by the accessions when introduced into this country. When a desirable gene or genes are discovered by individual workers, the new material can be inbred for homozygosity.

Genetic stocks have known genes and stocks must be listed with their gene symbols to be of most value. The complete list of gene symbols used, the linkage group to which each belongs when known, and a description of the character which each gene induces are shown in Table 3.

When increasing seed of genetic stocks, care was used to save seed only from typical plants. Since it was not physically possible to hand self such a large number of genetic stocks, investigators may find an occasional off-type plant. However, such plants can readily be recognized and discarded. In other genetic stocks, certain characters, if homozygous, are lethal or render the plant sterile. Hence in these cases stocks are distributed which segregate for the character.

SPECIES CLASSIFICATION

The accessions, with certain exceptions, were classified by species, sub-species, and varieties according to Muller (16). Subsequent to Muller's monograph on the genus *Lycopersicon*, Luckwill (15) prepared a monograph on the same genus which contributes additional information. However, the monograph by Muller appeared to be more pertinent to the material studied in this work and therefore his classification was followed.

Classification of the Red-Fruited Species

In the species *Lycopersicon esculentum* Mill., no attempt was made to distinguish between the species and the form *pyriforme* (Dun.) C. H. Mull. and variety *cerasiforme* (Dun.) A. Gray. In fact, it was found that an almost continuous series exists between *L. pimpinellifolium* (Jusl.) Mill. and *L. esculentum*. Such a series includes all accessions which normally should be classified as variety *cerasiforme*. Likewise,

TABLE 2.—Characters and Their Gene Symbols Used in Tables 5 through 8.

Dominant Factor		Recessive Factor	
Character	Gene Symbol	Character	Gene Symbol
Normal leaflet	C	Potato leaflet	c
Smooth stem	H	Hairy stem	h
Smooth fruit	P	Pubescent fruit	p
Non-green flesh	Gf	Green flesh	gf
Red flesh color	R	Yellow flesh color	r
Red flesh color	T	Tangerine flesh color	t
Green shoulder	U	Uniform unripe fruit color	u
Non-wilty leaflet	Wt	Wilty leaflet	wt
Yellow fruit skin	Y	Colorless fruit skin	y

the fruit types of many accessions varied from a slight suggestion of *pyriforme* type to a pear shape. Therefore, instead of attempting to make a discontinuous series, the accessions of this species are all listed together with the exception that named varieties and large-fruited accessions which appear to be varieties are listed separately.

Four hundred forty-one accessions of the species *Lycopersicon esculentum* are named commercial varieties. One hundred seventeen others are believed to

be commercial varieties but the names were not obtained by collectors. All of these accessions are included under a subheading in the species *L. esculentum*.

The genetic stocks have been largely derived from the species *Lycopersicon esculentum*, although a few have been derived from the species *L. pimpinellifolium*. A few also have resulted from species crosses. These are listed together under a separate heading, Genetic Stocks.

TABLE 3.—Index to Gene Symbols for Characters in Marker Gene Lines.

Group Symbol	Linkage Group	Character	Group Symbol	Linkage Group	Character
a ₁	XI	anthocyaninless-1	O ¹		Oval
ah	IX	Hoffman's anthocyaninless	p	II	peach pubescent fruit
al	VIII	anthocyanin loser	pe	X	sticky peel
ap	XI*	apetalous	pi		pistillate
aw	II	without anthocyanin	pr		propeller
B	VI	Beta-carotene	ps	II	positional sterile flower
bi	XI	bifurcate inflorescence	r ₁ (r)	III	yellow flesh color
bk	II	beaked fruit	r ₁ Y		reddish yellow
br	I	brachytic stem	ri	VI	ridged leaf
bu	VIII	bushy stem	rv	III	reticulate virescent
c	VI	potato leaf	s	II	compound inflorescence
Cl ₁		Cleistogamous—1	st ¹	IV	stamenless - 1
cl ₂	VI	cleistogamous—2	sp	VI	self-pruning
cn		cana	st		sterile
cr		radial crack resistant	Sw ₁ ^a		Spotted wilt resistance - 1 ^a
cs		corollaless	Sw ₁ ^b		Spotted wilt resistance - 1 ^b
d ₁	II	dwarf - 1	sw ₂		spotted wilt resistance - 2
dl	VIII	dialytic stem	sw ₃		spotted wilt resistance - 3
dm		dwarf modifier	sw ₄		spotted wilt resistance - 4
dv	II	dwarf virescent	t	X	tangerine orange flesh color of fruit
e	IV	entire leaflet	tf	V	trifoliolate
f	XI	fasciated fruit	Tm ₁		Tobacco mosaic virus resistance - 1
fl		fleshy calyx	u	X	uniform unripe fruit color
gf	VIII	green flesh	ug		uniform unripe fruit color (gray-green)
gs	VII	green stripe	v ₁		virescent foliage - 1
H	X	Hairs absent, stem	Ve	IV*	Verticillium resistance
hl	XI	hairless fruit	vg	IV*	vegetative
I	XI*	Immunity to Fusarium oxysporum f. lycopersici Race 1	wd	IX	wilty dwarf
jl	XI	jointless pedicel - 1	wf	III	white flower
l ₁	VIII	premature lutescent foliage	Wo	II	Woolly
l ₂	X	lutescent - 2	Wo ^m		Morgan's woolly
Lc		Locule reduction	Wo ^v		Van Wert woolly
lg ₁	X	light green foliage	wt	V	wilty
m ₁	II	mottled - 1	x	XI*	modifier of I
mc	V	macrocalyx	Xa ₁	X	Xanthophyllic foliage - 1
Mi	VI	Meloidogyne incognita resistance	y	I	colorless fruit epidermis
mo _B		modifier of B	yv	VI	yellow virescent
ms	XI*, VIII,				**abaxial wilt
(11 genes)	III, II, I*	male steriles			**naveled
n	V*	nipple tip fruit			**pox
nc		narrow cotyledons			**prostrate
ne ₁	II	necrosis - 1			
o	II	ovate			

*Genes located by two point or trisomic test only.

**Gene symbols not yet assigned.

A large number of accessions (143) possessed many of the characteristics of the two species *Lycopersicon pimpinellifolium* and *L. esculentum*. These accessions are classed separately under the headings, Known or Suspected Crosses. Since the two species *L. pimpinellifolium* and *L. esculentum* readily hybridize, most of the suspected crosses presumably resulted from chance outcrosses in nature. However, the occurrence of three known crosses is indicated. Seven other known hybrids of the domestic tomato with three green-fruited species are described.

Lycopersicon cheesmanii f. *minor* (Hook) C. H. Mull., although now considered an orange-fruited species, is referred to under the heading, Green-Fruited Species.

Classification of the Green-Fruited Species

Only eight accessions of *Lycopersicon glandulosum* Mull. have been received. The type species of *L. hirsutum* Humb. and Bonpl. and the f. *glabratum* Mull. are distinctive and are classified according to Muller. The type species *L. peruvianum* (L.) Mill. and the variety *dentatum* Dun of it are so nearly alike that no attempt was made to distinguish between them. Therefore, they are listed together. The variety *humifusum* Mull. is easily distinguished from the type species and is listed separately.

Rick (23) has presented evidence to show that the indigenous Galapagos Island tomato is not green-fruited but that this little known plant is orange fruited and rather closely related to *L. pimpinellifolium* and *L. esculentum*. However, since it has always

been classified as a green-fruited species and since the fruit has rarely been observed, in this study it is still listed as *L. cheesmanii* f. *minor* (Hook F.) Mull. (*L. esculentum* var. *minor* Hook F.).

The classification of the species and the tables in which they are placed are as follows:

- Table 4. Genetic Stocks
- a. Verified gene stocks
 - b. Tetraploids
 - c. Auto-diploids
 - d. Male steriles and other unfruitfuls
- Table 5.
- a. *Lycopersicon glandulosum*, type species
 - b. *Lycopersicon hirsutum*, type species
 - c. *Lycopersicon hirsutum*, f. *glabratum*
 - d. *Lycopersicon peruvianum*, type species, including var. *dentatum*
 - e. *Lycopersicon peruvianum*, var. *humifusum* (*L. pissisi*)
 - f. *Lycopersicon cheesmanii* f. *minor* (*L. esculentum* var. *minor*)
- Table 6. *Lycopersicon pimpinellifolium*, type species
- Table 7.
- a. Known species crosses
Lycopersicon esculentum x *L. hirsutum*
Lycopersicon esculentum x *L. peruvianum*
Lycopersicon esculentum x *L. pimpinellifolium*
 - b. Suspected species crosses, *Lycopersicon esculentum* x *L. pimpinellifolium*
- Table 8. *Lycopersicon esculentum*
- a. Named and presumed varieties
 - b. Species, including f. *pyriforme* and var. *cerasiforme*

RESULTS

The classification of the 2658 accessions for species, vine and fruit characters, genetic characteristics, resistance to the leaf blight phase of early blight, *Alternaria solani*, and resistance to tobacco mosaic virus is shown in Tables 5 through 8. Genetic stocks are listed in Table 4. However, for convenience in

finding specific accessions, all are listed in numerical order by PI number in Table 9, showing collector or donor notes and table assignments. The collectors' notes were summarized from various official sources, including the USDA Plant Inventories (1927-1964). Thus Table 9 serves as a guide to contents of Tables 4 through 8.

CLASSIFICATION AND EVALUATION OF THE GENETIC STOCKS

The genetic stocks maintained at the Regional Station represent only a portion of the total genetic stocks available. Genes not held at the Regional Station are maintained by others (10).

Information concerning the genetic stocks is presented in Table 4. It is subdivided under four headings: (a) verified gene stocks, (b) tetraploids, (c) auto-diploids, (d) male steriles and other unfruitfuls.

The origin of the genetic stocks with accession numbers is listed in the column headed source. Certain accessions carry only the originator's name. Other items carry the scientist's name as well as an accession number used at his laboratory. In addition, certain accession numbers may include reference to the number of times it was grown prior to its transfer to the regional collection. Reference to the individual plant number from which seed was first taken also may be included. An M means that seed was massed from several plants. An Fs means that the harvested seed resulted from field selfing (natural pollination).

In the genotype column, gene symbols are used in accordance with Barton *et al* (6), Clayberg *et al* (11), and Clayberg (10). The symbols

are arranged from left to right according to linkage group and Butler's maps (7, 8). Each linkage group is enclosed with parentheses. Genes with unknown linkage relationships are listed alphabetically at the right of a colon after the last linkage group. Characteristics not yet assigned a gene symbol are listed last on the right. Characteristics and genes are listed only where the accession is different from Marglobe. This is in accordance with Barton *et al* (6).

In Table 4, section d, an evaluation of vine, foliage, and fruit characters was not recorded because the male steriles were observed as segregates in progenies from backcrossing within the variety where the male sterile originated. All male steriles and unfruitful plants had vines which grew more profusely than the fruitful plants in the variety of origin and had few, if any, fruits. Most such fruits were parthenocarpic but some had a few seeds. Seed was harvested from all normal segregates. Detailed descriptions of these male steriles have been published by Butler and Rick (9) and Rick (19, 20, 21, and 22).

TABLE 4. — Classification and Evaluation of the Genetic Stocks

P. I. Number	Source	Genotype	Vine and Foliage Characters			Fruit Characters								
			Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion
a. Verified Gene Stocks														
79532	Peru (<i>L. pimp.</i>)	(l x)*	4	Erect	1	1	-	0.37	2	4	3	-	2	1
193399	MacArthur 706	(y) (ne ₁ s bk o p d ₁) (r ₁)	1	Erect	4	2	C	1.5	5	4	4	4	2	1
193400	MacArthur 741	(p d ₁) (r ₁) (wt) (j ₁ f)	1	Erect	3	2	R	2.75	1	2	5	4	many	4
193401	MacArthur 804	(y) (ne ₁ p) (c sp) (a ₁)	2	Inter	5	3	C	3.0	1	4	4	2	2-many	1
193402	MacArthur 902	(y) (d ₁) (r ₁) (c) (l ₁) (a ₁)	1	Erect	4	-	-	2.0	1	4	4	3	2-4	2
193403	MacArthur 3213	(br) (d ₁) (wt) (al) (H) (j ₁ f) :dm	Dwarf	Inter	1	-	-	1.75	1	3	5	3	many	4
193404	Lesley 507	(c) (l ₁) (u H)	2	Inter	4	2	C	2.0	1	4	5	1	many	2
193405	Lesley 608	(p) (c) (j ₁ f)	4	Inter	3	2	R	2.0-3.5	1	2	5	2	many	4
193407	Lesley 1040	(y) (wt n*)	4	Inter	1	-	-	1.25-2.0	3	5	3	5	2	1
193409	Lindstrom 2391-2	(y) (p) (wt) (c) (l ₁) (a ₁)	1	Inter	5	2	R	2.5	1	5	4	2	4-many	1
193410	Lindstrom 2392-2	(br y) (p) (l ₁)	5	Inter	4	-	-	1.75	1	2	5	4	2-3	2
193411	Lindstrom 2393-5	(y) (sp) (a ₁)	2	Inter	3	3	C	3.0	1	3	3	4	many	1
193412	Lindstrom 2394-2	(y) (p d ₁) (r ₁) (c) (l ₁) (a ₁)	1	Erect	4	-	-	2.0	1	4	4	3	2-4	2
193415	Penn Orange E 160A	(y) (wt) (u t) (j ₁)	3	Inter	3	2	C	3.25	1	1	3	4	many	1
193416	P.A. Young T328	(y) (pe)	5	Inter	4	-	-	2.75	1	3	3	4	5	2
193417	P.A. Young T560	:pox	4	Inter	3	3	R	2.75	2	2	3	4	4-5	1
193418	P.A. Young T738	(wt n*) (u)	3	Prostr	2	-	-	2.5	3	3	3	4	3-many	1

TABLE 4. - (continued)

P. I. Number	Source	Genotype	Vine and Foliage Characters			Fruit Characters								
			Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion
						Amt.	Type							
a. Verified Gene Stocks														
193419	P.A. Young G1074a	(y) (u t Xa ₁)	1	Inter	1	3	C	1.5	2	3	3	3	2	1
193420	P.A. Young Y1105	(wf r ₁)	3	Inter	3	2	R	3.0	1	4	3	3	3-many	1
193421	P.A. Young G1112	(sp) :ug	1	Inter	3	2	C	2.5	2	5	2	2	3-many	1
203230	Rey de los Tempranos	:Sw ₁ ^b sw ₂ sw ₃ sw ₄	2	Inter	2	5-5	C-R	1.5	1	3	3	3	5-many	4
205035	J.P. McCollum	(Wo)	5	Erect	5	2	R	3.25	1	4	5	3	many	1
205036	P.A. Young 661E-16													
	Bull	(wf)	3	Inter	3	2	R	2.5	2,1	4	3	2	4-many	1
205037	Lindstrom 2074-3-M	(d ₁) (l ₁)	1	Erect	3	-	-	1.75	2	5	2	3	2-3	
205038	Lindstrom 2217-1-2	(p d ₁) (l ₁)	1	Erect	3	-	-	1.75	2	5	2	3	2-3	1
205039	T.M. Currence													
	Fs-5-12	(r ₁) (c) (l ₁) (a ₁ f)	4	Inter	5	-	-	3.25	1	3	5	1	many	4
205040	Yellow Peach Fs-3	(y) (p) (r ₁)	5	Erect	2	-	-	1.75	3	1	5	2	2-3	1
205041	P.A. Young T162													
	Fs-1	:marginal leaf chlorosis	5	Inter	3	2	R	3.0	1	2	4	3	4-many	1
205042	P.A. Young T667-1	(wt n*) (l ₁)	3	Inter	4	2	C	2.75	2	3	3	3	3-many	1
205043	P.A. Young G1075-5-1	(y) (Wo) (r ₁) (c)	5	Erect	4	-	-	2.25	2	1	4	2	4-many	1
205044	P.A. Young T1077b-5	(e) (wt) (l ₁) (u)	3	Erect	5	2-2	C-R	2.5	2,1	5	3	4	3-many	1
205045	P.A. Young G1078-5, MacA 42M	(bu) (j ₁)	1	Erect	2	3	C	2.5	1	5	2	5	many	1
205046	P.A. Young G1279-10	(bk d ₁) (r ₁) (wt) (sp) :dm	Dwarf	Erect	1	-	-	1.0	5	5	1	3	3	1
212425	(PAY G1075 x Penn Orange)-18-22-7-17	(y) (bk Wo) (wt) (c) (t) (j ₁)	5	Erect	5	2	R	2.5	3	3	5	3	3-many	1
212426	PAY T585-18-M-3-M	(ne ₁) (wt)	1	Inter	1	3-3	C-R	1.75	2	1	3	3	4-many	1
212427	Lindstrom 2218-1-4-M	(ri) (f)	1	Erect	1	-	-	1.0	1	1	5	5	many	4
212428	(Pennorange x Currence sterile) -1-5-18-18	(y) (wt) (c) (l ₁) (u t) (j ₁ a ₁ f)	3	Erect	3	2	R	3.25	1	3	5	1	many	4
212429	Pollack 1025-1-50													
	No. 17-168	(y) (d ₁) (r ₁) (c) (l ₁) :pox	Dwarf	Erect	3	-	-	2.0	1	3	3	3	3-many	1
212430	Rick L A64	(tf) :abaxial wilt	3	Erect	5	-	-	2.0	2	3	3	3	3-many	1
212431	Jenkins 767	(br) (wt) (j ₁ f)	3	Inter	1	2	R	2.0	1	3	3	3	4-many	4
212432	Dennett MU 12	(tf) :abaxial wilt	3	Erect	5	-	-	2.0	2	3	3	3	3-many	1
212433	Burdick, X21-1-31-Rosette	(wt) (l ₁) (j ₁ f)	3	Inter	3	-	-	2.0	1	3	1	3	many	4
224571	Lindstrom 2387-2-1-4	:v ₁	2	Erect	2	2	R	2.0	2	3	3	3	5	1
224572	Rick 2-100	(wf) (n)* (sp) (wd)	2	Erect	5	2	C	3.0	2	5	3	4	3-5	1
224573	Rick LA 55	(bk p) (yv)	1	Erect	3	1	-	1.0x3.0	4	4	5	3	2	1
224574	Butler	(bk p d ₁) (j ₁) :nc pox	2	Erect	3	2	R	1.5	2	3	5	3	3	1
224575	Butler	(y) (m ₁) (t) (f)	5	Inter	1	2	C	2.75	1	1	5	4	many	4
224576	Jenkins 234	(d ₁) (c) (l ₁) (u H) :dm	1	Erect	5	1	-	1.0	1	1	5	1	many	4
224577	Dennett AP 5	(aw) (n)* (sp) (u) :0 ¹	3	Inter	5	5	R	1.5	3	4	3	3	3	1
224578	P.A. Young G1071b	(r ₁) (wt mc) (c) (l ₁) (j ₁)	1	Erect	5	1	-	1.75	1	1	5	3	3-6	2
224579	Butler	(al bu) (H) (j ₁ f)	1	Inter	3	3	R	2.0	1	5	3	5	many	3
229809	New Hampshire A.E.S.	(y) (d ₁) (r ₁) (c) (l ₁) (a ₁)	2	Inter	5	1-1	C-R	2.0-5.0	1	3	5	-	-	2
229810	New Hampshire A.E.S.	(y) (s o p d ₁) (r ₁)	2	Inter	4	1-1	C-R	1.25-1.5	4	5	5	2	2-3	2
235673	Rockefeller Institute, Holmes	(Y) (p) (R ₁) (Wt) (C) (Uuh) :Tm ₁	2	Inter	3	3-3	C-R	2.0-2.5	1,3	3	3	3	3-5	2
254644	Van Wert, Ohio	:Wov	5	Erect	4	1	-	2.25	2	1	4	2	4-many	1

TABLE 4. - (continued)

P. I. Number	Source	Genotype	Vine and Foliage Characters			Fruit Characters								
			Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion
						Amt.	Type							
a. Verified Gene Stocks														
254645	Rick LA 155-5-M-17-3	(dv) (r ₁)	3	Erect	3	1	-	2.0	2	5	3	1	3-4	1
254646	Rick LA 83-4-M	(rv wf) (sp) :st	1	Erect	1	1	-	1.0	2	1	5	3	3-4	1
254647	Rick LA 258-1-14	:Wom	5	Erect	5	2	R	3.0	2	1	5	3	4	1
254648	Burdick 91-17	(wf) (n)* (gs)	3	Erect	2	1	-	1.5	2	2	4	3	5	2
254649	Gleckler Gold Glow-10	(y) (u † Xa ₁)	1	Erect	2	2-2	C-R	1.0	2	1	5	3	4	1
254650	Butler-11-8-15	(Wo ⁺ d ₁) (wf) (wt) (c) (f) :naveled, prostrate	2	Prostr	2	2	C	1.5	1	2	5	1	many	5
254651	Butler-2-G2-1	(l ₁) (hl)	1	Erect	1	2	R	1.0-1.25	3	2	4	2	2	1
254652	Gleckler Evergreen 3-17	(gf)	4	Inter	3	4-2	C-R	3.0	1	3	4	2	many	4
254653	Kerr-1-2	(d ₁) (r ₁) (c) (gf)	2	Inter	4	2-2	C-R	2.25	1	4	3	3	5	3
254654	Kerr-1-12	(d ₁) (wt) (gf) (pe H) (j ₁ f bi)	2	Erect	3	2	C	2.0	1	3	5	3	many	4
254655	Kerr-1-M	(d ₁) (wt) (u H 1 ₂) (j ₁) :naveled	1	Erect	3	2	R	1.5	2	1	5	4	2	1
254656	Burdick 220-19	(y) (c) (l ₁) (f) :naveled	4	Inter	3	2	R	1.75	1	5	4	3	many	4
254657	Butler 12-5	(sp) :fl	2	Inter	3	1	-	1.5	2	5	3	3	2-3	1
254658	P.A. Young G1734C-10	:r ₁ y	4	Inter	5	3-3	C-R	3.0	1	3	4	3	many	3
254659	Hoffman Globe A	(ah)	4	Inter	4	2-2	C-R	3.0	2	4	4	3	5	1
256259	Rick LA 212 52L352-18	(gs) true breeding	4	Ind. Inter	3	5-5	C-R	2.0-2.5	1,2	1	5	1	Many	2
265955	Gilbert HES 6360 Anahu	(Mi)	4	Ind. Inter	2	2-2	C-R	2.0-2.5	2	3	5	2	Many	1
265956	Gilbert Kolea C	(Mi)	2	Det. Inter	3	1-5	C-R	2.0-2.5	2	4	3	5	Many	1
265957	Gilbert HES 6321 (6147)	(Mi)	3	Ind. Inter	3	3-2	C-R	2.0-2.5	2	3	5	2	Many	1
273444	M. Hardin 'Bushy'	(sp) (bu) (u)	1	det. Inter	1	3-2	C-R	2.0-2.5	2	5	2	2	5	1
279565	Caro Red	(B) :mo _B	4	Ind. Inter	4	3-3	C-R	2.5-3.0	2	4	4	1	4-many	1
279566	P.A. Young SV616C	:Lc	1	Ind. Inter	1	1-1	C-R	1.5-2.0	5	3	1	3	2-3	1
279567	Pearl Harbor, C.O. Clayberg 21727	:Sw ₁ ^a	3	Ind. Inter	1	3-2	C-R	1.5-2.5	2	5	1	2	Many	2
279568	P.A. Young SR 1234E (L. pimp.)	:Lc	4	Ind. Inter	2	1-1	C-R	0.5-0.75	2	3	4	3	-	-
289763	P.A. Young Pinkdeal STEP 329	(Y) (S D ₁) (R ₁) (C Sp) (A ₁) :cr ug 1c	2	Ind. Inter	3	2-2	C-R	1.75-2.5	2	3	4	4	4-many	1
293592	Clark's Early Dohler No. 7 Canada	(Ve)*	3	Ind. Inter	1	3-3	C-R	2.0-2.5	2	3	3	4	Many	2
293593	Geneva No. 6 Canada	(Ve)*	1	Ind. Inter	1	1-2	C-R	1.5-2.0	2	1	1	1	Many	1
293594	Earliest of All Canada	(Ve)*	3	Ind. Inter	3	4-3	C-R	1.25	2	4	3	3	4-many	1
293595	Non-Acid Canada	(Ve)*	2	Ind. Inter	2	3-4	C-R	1.0-2.0	2	3	3	1	Many	1
293596	Red Chief Canada	(Ve)*	1	Det. Inter	1	1-1	C-R	1.0-1.5	2	3	3	1	Many	1
293597	Stokesdale No. 4 Canada	(Ve)*	2	Ind. Inter	3	4-2	C-R	1.5-2.5	2	4	1	3	Many	1
293598	Ace Canada	(Ve)*	3	Ind. Inter	3	4-2	C-R	2.0-2.5	2	4	3	3	Many	1
296371	P.A. Young GV-1161	:Lc												
b. Tetraploids														
193408	Tomes 1880, L. pimp.	4n	5	Inter	3	-	-	0.75	2	5	3	2	2	1
193413	Lesley 4N-T160D Fs-1, L. esculentum	4n (s) (n)*	5	Erect	3	-	-	1.5	2	1	4	2	2	1

TABLE 4. - (continued)

P. I. Number	Source	Genotype	Vine and Foliage Characters			Fruit Characters								
			Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion
						Amt.	Type							
b. Tetraploids														
193414	Lesley 4N-T160D													
	Fs-2, <i>L. esculentum</i>	4n (r ₁)	5	Erect	3	-	-	1.5	2	1	4	2	2	1
212434	Stokesdale colchicine, 7-1-M	4n	5	Inter	5	-	-	2.25	3	1	5	3	3-many	1
212435	Stokesdale colchicine, 7-2-M	4n	5	Inter	5	-	-	2.25	3	1	5	3	3-many	1
212436	Break O'Day colchicine, 16-2	4n	5	Inter	5	-	-	2.25	3	1	3	3	3-many	1
212437	Break O'Day colchicine, 28-3	4n	5	Inter	5	-	-	2.25	3	1	3	3	3-many	1
212439	Rick San Marzano	4n	3	Erect	3	-	-	0.75x2.75	4	1	3	3	2	1
212440	Rick Pearson	4n	5	Inter	5	-	-	2.0	1	1	5	3	many	2
212441	Burdick 216, <i>L. pimp.</i>	Auto-auto 4n	5	Inter	1	-	-	0.5	2	3	3	3	2	1
212445	Burdick 237, <i>L. pimp.</i>	Auto-auto 4n	5	Inter	1	-	-	0.5	2	2	3	3	2	1
224580	Bohn, <i>L. pimp.</i> , PI 79532	4n	5	Inter	1	1	-	0.25	2	1	3	4	2	1
224581	Bohn, Danmark 5056	4n	4	Inter	5	1	-	1.25	2	1	3	4	2-4	1
224582	Bohn, Danmark 5057	4n	4	Erect	5	1	-	1.25	2	1	3	4	2-4	1
224583	Bohn, Danmark 5061	4n	4	Erect	5	1	-	1.25	2	1	3	4	2-4	1
224584	Bohn, Danmark 5074	4n	4	Erect	5	1	-	1.25	2	1	3	4	2-4	1
224585	Bohn, Waltham Forcing 5059	4n	5	Inter	3	2	R	1.5	1	1	5	3	2-4	1
224586	Bohn, Waltham Forcing 5060	4n	5	Inter	3	2	R	1.5	1	1	5	3	2-4	1
224587	Bohn, Waltham Forcing 5069	4n	5	Inter	3	2	R	1.5	1	1	5	3	2-4	1
224588	Bohn, Waltham Forcing 5075	4n	5	Inter	3	2	R	1.5	1	1	5	3	2-4	1
254660	Rutgers, spontaneous -17-6-M-9-6-6-3	4n	5	Erect	5	1	-	1.5	2	1	5	4	3-4	1
254661	Ohio W-R Globe, colchicine-5-17-5-M	4n	5	Erect	4	1	-	2.0	2	1	5	4	3-4	1
c. Auto-diploids														
212438	Rick, San Marzano, colchicine	Auto 2n	3	Erect	3	-	-	1.0x3.25	4	5	3	3	2	1
212442	Burdick 227, <i>L. pimp.</i>	Auto 2n from 13 chr. haploid	5	Inter	1	-	-	0.5	2	5	3	3	2	1
212443	Burdick 230, <i>L. pimp.</i>	Auto 2n from 12 chr. haploid	5	Inter	1	-	-	0.5	2	5	3	3	2	1
212444	Burdick 236, <i>L. pimp.</i>	Auto 2n from 12 chr. haploid	5	Inter	1	-	-	0.5	2	5	3	3	2	1
d. Male Steriles and Other Unfruitfuls**														
212416	Rick 2-31, Pearson	(ms ₂)*												
212417	Rick 2-89, San Marzano	(ms ₇)*												
212418	Rick 2-121, San Marzano	(ms ₉)												
212419	Rick 2-132, San Marzano	(ms ₁₀)												
212420	Rick 2-165, San Marzano	:ms ₁₃												
212421	Rick 2-175, Earliana	:ms ₁₄												

TABLE 4. - (continued)

P. I. Number	Source	Genotype	Vine and Foliage Characters			Fruit Characters								
			Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion
Amt.	Type													
d. Male Steriles and Other Unfruitfuls**														
212422	Rick LA 62, Pritchard	:ms ₁₆												
212423	Rick 2-225, ACE	(ms ₁₇)*												
212424	Rick 2-233, Cal-255	:ms ₁₈												
224589	Pl. 148720 x P.I. 79532	:c n												
224590	Rick 2-69	(dl)												
224591	Rick 2-171	(vg)*												
224592	Rick 2-84	(ct) (l ₁ +):Cl ₁												
224593	Rick 2-137	:pi												
224594	Rick 16-9	(ap)*												
224595	Rick 2-185	(cl ₂)												
224596	Bishop K50	(sl ¹)												
224597	Pollack 1025	(y) (s p d ₁) (c) (l ₁)												
254662	(PI 212425a-18-1 x Butler pr)-3	(y) (Wo+ bk+) (wt+) (c+) (t+) (l ₁ +).pr+												
254663	(Bishop slx PI 212425-18)-17	(Wo+ bk+) (sl ¹ +) (wt+) (c+) (u+) (l ₁ +)												
254664	Stevenson-23	(c) (a ₁) :cs+												
254665	Larson, John Baer	(ps)												
256260	Rick 2-44 56 L455-2x456													
	San Marzano	(ms ₆)*												
256261	Rick 2-98 55 L671-4x672													
	San Marzano	(ms ₈)												

* - Genes located by two-point or trisomic test only. (Linkage map - Butler).

** - Seed to be distributed is from normal heterozygotes.

+ - Segregating.

CLASSIFICATION AND EVALUATION OF THE GREEN-FRUITED SPECIES

The fruits of the three species in Table 5 are mostly greenish or white and are globose. Generally the fruits of *Lycopersicon peruvianum* become lavender or purple striped as they approach maturity. Since the fruit color and fruit shape of these species are constant, records were not made for these characters. In some instances, it was not possible to classify accessions of these species for mosaic resistance and susceptibility. Such cases are indicated in Table 5 by dashes. In certain accessions, so few fruit, if any, ripened that it was impossible to classify them for intensity of flesh color. These cases are also indicated by dashes in Table 5. The locule number of the fruits of all wild species is 2. Therefore, no records concerning this character are given in Tables 5 and 6.

The green-fruited species can be hybridized with the domestic species only with the greatest of difficulty. The most successful methods of obtaining hybrids were described by Smith (24) and by Alexander (1). These methods employ embryo culture but, even so, an exceedingly small percentage of seedlings is obtained. To make full use of the potentially valuable germplasm of these species, an easier method of hybridization is needed. It is possible to obtain enough seed from F₁ plants to produce F₂ progenies. In a back-cross program, Alexander found that embryo culture was needed for the second back-cross but from there on most plants were fertile (2).

TABLE 5.—Horticultural Characters and Disease Reaction of the Green-fruited Species, *Lycopersicon glandulosum* Mull., *L. hirsutum* Humb. and Bonpl., and *L. peruvianum* (L.) Mill.; and One Orange-fruited Species, *Lycopersicon cheesmanii* f. *minor* (Hook F.) Mull.

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters					Disease Reaction		
				Vine Size	Growth	Habit	Leaf-let Size	Size Inches	Shape	Set	Ma-tur-ity	Inten-sity Flesh Color	Alter-naria	Mosaic
a. <i>Lycopersicon glandulosum</i>, type species														
126434	Peru	USDA H. L. Blood No. 30	C h p g f U W t y	2		Prostr	1	0.5	1	1	5	3	2	Susc
126440	Peru	USDA H. L. Blood No. 16	C h p g f U W t y	3		Prostr	2	0.75	1	1	4	1	3	Susc
126443	Peru	USDA H. L. Blood No. 19	C h p g f U W t y	3		Inter	1	0.67	1	1	5	5	4	Susc
126444	Peru	USDA H. L. Blood No. 20	C h p g f U W t y	3		Inter	2	0.5	1	1	5	5	3	Susc
126448	Peru	USDA H. L. Blood No. 24	C h p g f U W t y	2		Prostr	1	0.75	1	1	5	4	3	Susc
199380	Peru	Rick outskirts of Canta	C h g f U W t	1		Prostr	2	—	—	—	—	—	1	Susc
251301	Peru	Rick LA 364	C h p g f U W t y	5		Inter	3	0.25	2	1	5	1	1	Seg
251302	Peru	Rick LA 366	C h p g f U W t y	4		Inter	2	0.25	2	1	5	1	1	Susc
b. <i>Lycopersicon hirsutum</i>, type species														
126445	Peru	USDA H. L. Blood No. 21	C h p U W t y	5		Inter	4	0.5	1	1	5	1	1	Res
126446	Peru	USDA H. L. Blood No. 22	C h U W t y	5		Erect	5	0.5-0.75	2	1	5	—	1	Res
127826	Peru	USDA H. L. Blood No. 135	C h p U W t y	4		Inter	4	0.5	2	1	5	3	1	Res
127827	Peru	USDA H. L. Blood No. 136	C h p U W t y	3		Inter	4	0.5	2	—	5	—	1	Susc
209978*	Venezuela	Gallegly, Inst. Nac. Agr.	C h P R U W t y	5		Inter	1	0.75-1.0	2	2	5	3	3	Susc
251303	Peru	Rick LA 360	C h W t	3		Inter-Erect	3			—	5	—	1	Susc
254577*	Peru		C h W t	5	Ind	Inter	4			—	5	—	1	Appears Res
c. <i>Lycopersicon hirsutum</i> f. <i>glabratum</i>														
126449	Peru	USDA H. L. Blood No. 26	C h p U W t y	4		Inter	3	0.67	1	1	5	3	2	Susc
129157	Ecuador	USDA H. L. Blood No. 648	C h p U W t y	3		Inter	3	0.5	1	1	5	3	2	Susc
134417	Ecuador	G. M. Dyott to Am. Consul at Guayaquil	C h p U W t y	3		Inter	2	0.5	1	1	5	1	1	Susc
134418	Ecuador	G. M. Dyott to Am. Consul at Guayaquil	C h p U W t y	4		Inter	2	0.67	1	1	5	3	2	Susc
199381	Peru	Rick at Rio Chillon below Canta	C h p U W t y	2		Inter	3	0.5	2	1	5	3	1	Res
251304	Ecuador	Rick LA 407	C h p g f U W t y	5		Inter	3	0.5-0.62	2	1	5	1	1	Susc
251305*	Ecuador	Rick LA 440	C h p g f U W t y	5		Inter	3	0.37-0.5	2	1	5	1	1	Susc

TABLE 5.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters					Disease Reaction	
				Vine Size	Growth	Habit	Leaf- let Size	Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Alter- naria	Mosaic
<i>d. Lycopersicon peruvianum</i> type species, including var. <i>dentatum</i>														
126431	Peru	USDA H. L. Blood No. 5	Ch p U Wt y	1		Inter	1	0.5	2	1	5	1	1	Susc
126441	Peru	USDA H. L. Blood No. 17	Ch p U Wt y	2		Inter	3	0.5-0.75	1	1	4	4	2	Susc
126926	Peru	USDA H. L. Blood No. 83	C p U Wt y	4		Inter	1	0.5	1	4	5	—	1	—
126928	Peru	USDA H. L. Blood No. 85	C p U Wt y	2		Inter	2	0.5	2	1	4	3	1	—
126929	Peru	USDA H. L. Blood No. 86	CHp U Wt y	3		Prostr	1	0.5	1	3	5	—	1	—
126930	Peru	USDA H. L. Blood No. 88	CHp U Wt y	4		Prostr	1	0.5	2	1	3	—	1	—
126935	Peru	USDA H. L. Blood No. 111	C p U Wt y	2		Inter	1	0.5	1	3	3	—	2	—
126944	Peru	USDA H. L. Blood No. 98	C p U Wt y	1		Prostr	1	0.5	1	3	1	—	4	—
126945	Peru	USDA H. L. Blood No. 99	C p U Wt y	3		Prostr	1	0.5	1	3	2	—	2	—
126946	Peru	USDA H. L. Blood No. 100	C p U Wt y	3		Inter	1	0.5	1	2	2	—	1	—
127830	Peru	USDA H. L. Blood No. 161	C p U Wt y	3		Inter	1	0.5	1	1	2	—	1	—
127831	Peru	USDA H. L. Blood No. 168	CHp U Wt y	2		Inter	1	0.37	1	1	5	5	2	Susc
127832	Peru	USDA H. L. Blood No. 169	Ch p gf U Wt y	4		Inter	3	0.37	2	1	5	1	2	Seg
128643	Peru	USDA H. L. Blood No. 545	CHp U Wt y	3		Inter	2	0.67	1	3	3	3	1	Susc
128645	Chile	USDA H. L. Blood No. 475	C p U Wt y	3		Inter	1	0.5	1	3	3	—	3	—
128646	Chile	USDA H. L. Blood No. 476	C p U Wt y	4		Inter	2	0.5	1	2	2	—	1	—
128647	Chile	USDA H. L. Blood No. 477	C p U Wt y	3		Prostr	2	0.5	1	3	1	—	2	—
128648	Chile	USDA H. L. Blood No. 478	C p U Wt y	3		Inter	1	0.5	1	3	3	—	1	—
128649	Chile	USDA H. L. Blood No. 479	C Hp U Wt y	3		Inter	1	0.67	1	3	1	—	4	—
128650	Chile	USDA H. L. Blood No. 480	CHp U Wt y	3		Inter	1	0.5	1	3	2	—	2	—
128651	Chile	USDA H. L. Blood No. 481	CHp U Wt y	3		Inter	1	0.5	1	2	4	—	1	—
128652	Chile	USDA H. L. Blood No. 482	C p U Wt y	3		Inter	1	0.5	1	3	3	—	1	—
128653	Chile	USDA H. L. Blood No. 483	CHp U Wt y	2		Inter	1	0.37	1	3	2	—	2	—
128654	Chile	USDA H. L. Blood No. 484	CHp gf U Wt y	3		Inter	3	0.47	2	1	4	3	1	Seg
128655	Chile	USDA H. L. Blood No. 485	C p U Wt y	1		Inter	1	0.5	1	1	3	—	2	—
128656	Chile	USDA H. L. Blood Nos. 486, 487	C p U Wt y	2		Inter	1	0.5	2	2	3	—	2	—
128657	Peru	USDA H. L. Blood No. 508	CHp U Wt y	3		Prostr	1	0.5	1	3	1	—	1	—
128659	Peru	USDA H. L. Blood No. 509	CHp U Wt y	3		Inter	2	0.37	1	2	5	2	1	Susc
128660	Peru	USDA H. L. Blood No. 511	CHp U Wt y	3		Inter	2	0.67	1	1	5	2	1	Susc
128661	Peru	USDA H. L. Blood No. 512	CHp U Wt y	3		Inter	2	0.5	1	1	5	3	1	Susc
128663	Peru	USDA H. L. Blood No. 514	C p U Wt y	1		Erect	1	0.5	1	1	5	—	1	—
129145	Peru	USDA H. L. Blood No. 537	H U Wt y	3		Prostr	1	0.67	1	3	1	—	4	—
129146	Peru	USDA H. L. Blood No. 539	CHp U Wt y	4		Inter	1	0.67	1	1	5	3	1	Susc
129149	Ecuador	USDA H. L. Blood No. 579	Ch p U Wt y	1		Prostr	1	0.67	1	3	2	—	5	—
129152	Ecuador	USDA H. L. Blood No. 582	Ch U Wt y	3		Inter	2	0.67	1	2	5	3	2	Susc
143679	Ecuador	W. R. Schreiber, USDA, No. 1												
212407	Peru	Rick LA 102	CHP U Wt y	5		Prostr	1	0.5	2	5	3	3	—	—
246585	Peru	Correll & Smith	Ch p gf U Wt y	1		Inter	2	0.25-0.37	2	1	5	1	1	Susc
246586	Peru	Correll & Smith	CHP gf U Wt y	4	Ind	Inter	2	0.37-0.5	2	1	3	1	2	Susc
247087	Ecuador	Correll & Albermez, Loja Prov.	Ch p gf u Wt y	5		Inter	5	0.5-0.75	2	1	5	1	1	Res
251306	Peru	Rick LA 374	CHP gf U Wt y	4		Inter	1	0.37-0.5	2	2	4	1	1	Susc
251307	Peru	Rick LA 378	Ch p gf U Wt y	5		Inter	3	0.37-0.5	2	1	5	1	1	Res
251308	Peru	Rick LA 446	CHP gf U Wt y	3		Inter	1	0.37	2	1	5	1	2	Susc
251309	Peru	Rick LA 448	CHP gf U Wt y	3		Inter	1	0.37-0.5	2	3	5	1	2	Susc
251310	Peru	Rick LA 449	CHP gf U Wt y	4	Ind	Inter	1	0.37-0.5	2	1	5	1	2	Susc
251311	Peru	Rick LA 451	CHP gf U Wt y	5	Ind	Inter	1	0.62	2	3	5	2	1	Seg
251312	Peru	Rick LA 441	CHP gf U Wt y	4	Ind	Prostr	1	0.37	2	1	5	1	1	Res
251313*	Peru	Rick LA 470	CHP Wt	1	Ind	Erect	1				5		1	Res
251314	Peru	Rick LA 383	Ch p gf U Wt y	5	Ind	Inter	2	0.37	2	2	5	5	2	Res
266375	Peru	Correll No. P 789	CHP gf U Wt y	4	Ind	Prostr	1	0.5-0.75	2	4	3	3	1	Susc

TABLE 5.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters					Disease Reaction		
				Vine Size	Growth	Habit	Leaf- let Size	Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Alter- naria	Mosaic
<i>d. Lycopersicon peruvianum</i> type species, including var. <i>dentatum</i>														
266376	Peru	Correll No. P 834	CHP gf U Wt y	4	Ind	Prostr	2	0.37	2	1	5	3	1	Susc
266377*	Peru	Correll No. P 943	CHP gf U Wt y	3	Ind	Prostr	2	0.5	2	1	5	3	3	Susc
270435	Mexico	Rockefeller Found. No. 48, Mex. City	C h P U Wt y	5	Ind	Inter	1	0.5	2	2	5	1		
303814	Idaho	Idaho Univ., Parma, Idaho	CHp U Wt y	3		Inter	1	0.5	1	3	2	—	2	Res
<i>e. Lycopersicon peruvianum</i> var. <i>humifusum</i> (<i>L. pissisi</i>)														
127828	Peru	USDA H. L. Blood No. 141	C h p U Wt y	3		Prostr	1	0.37-0.5	2	1	5	3	1	Susc
127829	Peru	USDA H. L. Blood No. 142	C p U Wt y	1		Inter	1	0.75	1	3	3	5	3	Susc
Horticultural characters and disease reaction of an orange-fruited species indigenous to the Galapagos Islands														
<i>f. Lycopersicon cheesmanii</i> f. <i>minor</i> (<i>L. esculentum</i> var. <i>minor</i>)														
231257	Galapagos Islands	Rick LA 317	C h p U Wt y	3		Indet Inter	1	0.37	1	3	1	1	5	Susc

CLASSIFICATION AND EVALUATION OF *Lycopersicon pimpinellifolium*

The currant tomato, *Lycopersicon pimpinellifolium*, has been used as the source of genes for resistance to several diseases and for this reason is a highly valuable tomato. The degree of cross fertility between this species and the domestic species, *L. esculentum*, is high. Thus any de-

sirable character or characters which this species possesses are readily available to plant breeders. The fruits of accessions of the species, *L. pimpinellifolium*, are remarkably free of cracks. The classification of the species is shown in Table 6.

TABLE 6.—Horticultural Characters and Disease Reaction of the Currant Tomato, *Lycopersicon pimpinellifolium* (Jusl.) Mill.

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters*				Disease Reaction		
				Vine Size	Growth	Habit	Leaflet Size	Size Inches	Set	Maturity	Intensity Flesh Color	Alter-naria	Mosaic
<i>Lycopersicon pimpinellifolium</i> , type species													
79532	Peru	Agr. Exp. Sta., Lima	C R U Wt Y	4		Erect	1	0.37	4	3	—	2	—
110595	England	Cambridge U. Bot. Gard.	CH R U Wt Y	4		Prostr	1	0.5	5	1	—	5	—
112215	Ecuador	USDA Mrs. Ynes Mexia	CH R U Wt Y	4		Erect	3	0.37	1	5	—	2	—
124039	Peru	USDA L. C. Corbett	CH R U Wt Y	4		Prostr	1	0.37	5	1	—	5	—
126430	Peru	USDA H. L. Blood No. 8	CH R U Wt Y	4		Prostr	1	0.25	5	1	—	3	—
126432	Peru	USDA H. L. Blood No. 6	CH R U Wt Y	5		Inter	1	0.25	3	2	—	2	—
126433	Peru	USDA H. L. Blood No. 7	CH R U Wt Y	4		Inter	1	0.25	5	1	—	2	—
126436	Peru	USDA H. L. Blood No. 9	CH R U Wt Y	5		Inter	1	0.37	4	2	—	3	—
126924	Peru	USDA H. L. Blood No. 76	CH R U Wt Y	4		Inter	2	0.37	5	3	—	2	—
126925	Peru	USDA H. L. Blood No. 82	CH R U Wt Y	4		Inter	1	0.37	5	2	—	4	—
126927	Peru	USDA H. L. Blood No. 84	CH R U Wt Y	4		Inter	1	0.37	5	1	—	5	—
126931	Peru	USDA H. L. Blood No. 93	CH R U Wt Y	5		Inter	1	0.37	5	1	—	4	—
126932	Peru	USDA H. L. Blood No. 94	CH R U Wt Y	4		Inter	1	0.37	3	1	—	4	—
126933	Peru	USDA H. L. Blood No. 95	CH R U Wt Y	3		Inter	1	0.37	3	2	—	2	—
126934	Peru	USDA H. L. Blood No. 108	CH R U Wt Y	4		Inter	1	0.37	3	2	—	3	—
126937	Peru	USDA H. L. Blood No. 107	CH R U Wt Y	3		Prostr	1	0.37	3	3	—	5	—
126938	Peru	USDA H. L. Blood No. 106	CH R U Wt Y	3		Inter	1	0.37	5	1	—	4	—
126939	Peru	USDA H. L. Blood No. 105	CH P R U Wt Y	3		Inter	1	0.37	2	2	4	2	Susc
126940	Peru	USDA H. L. Blood No. 103	CH R U Wt Y	3		Inter	1	0.37	3	2	—	2	—
126941	Peru	USDA H. L. Blood No. 102	CH R U Wt Y	5		Inter	1	0.37-0.5	4	3	—	3	—
126947	Peru	USDA H. L. Blood No. 114	CH R U Wt Y	2		Prostr	1	0.37	4	3	—	4	—
126949	Peru	USDA H. L. Blood No. 75	CH R U Wt Y	4		Inter	1	0.37	3	2	—	1	—
126952	Peru	USDA H. L. Blood No. 124	Ch R U Wt Y	3		Inter	1	0.37	3	3	—	3	—
126953	Peru	USDA H. L. Blood No. 127	Ch R U Wt Y	4		Erect	1	0.37	2	3	—	3	—
126954	Peru	USDA H. L. Blood No. 128	Ch R U Wt y	5		Inter	1	0.37	3	5	—	2	—
127805	Peru	USDA H. L. Blood No. 180	CH R U Wt Y	4		Inter	3	0.5	5	3	—	2	—
127806	Peru	USDA H. L. Blood No. 181	CH R U Wt Y	3		Inter	1	0.5	4	3	—	2	—
127807	Peru	USDA H. L. Blood No. 182	CH P R U Wt Y	5	Ind	Inter	3	0.37	4	4	1	1	Susc
127833	Peru	USDA H. L. Blood No. 179	CH R U Wt Y	5		Inter	1	0.5	3	3	—	1	—
133542	Ecuador	G. M. Dyott to Am. Consul. at Guayaquil	ChHP R U Wt Y	3		Inter	1	0.5	1	2	4	2	Susc
143522	Peru	USDA B. Y. Morrison	Ch R U Wt Y	5		Inter	1	0.37	3	4	—	3	—
143524	Peru	USDA B. Y. Morrison	Ch p R U Wt Y	2		Inter	3	0.25-0.75	2	4	2	2	No Visible Symptoms
143527	Peru	USDA B. Y. Morrison	Ch p R U Wt Y	1		Inter	2	0.25-0.50	2	3	3	2	No Visible Symptoms
205009	England	W. Va. No. 775-1, 1 plant from P.I. 110595	CH P R U Wt Y	2		Inter	1	0.5-0.62	3	3	—	—	—

*The shape of *L. pimpinellifolium* was found to be globose in all cases.

TABLE 6.—(continued)

P.I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters* †				Disease Reaction		
				Vine Size	Growth	Habit	Leaf- let Size	Size Inches	Set	Matur- ity	Inten- sity Flesh Color	Alter- naria	Mosaic
<i>Lycopersicon pimpinellifolium</i> (Jusl.) Mill, type species													
205012	Peru	W. Va. No. 795-2, 1 plant from P. I. 126949	CH P R U Wt Y	2		Inter	2	0.5-0.62	3	3	—	—	—
211838	Peru	USDA A. F. Swanson	CH p R U Wt Y	3		Inter	3	0.5	5	3	4	4	Susc
211839	Peru	USDA A. F. Swanson	CH p R U Wt Y	3		Inter	3	0.5	3	3	4	2-3	Susc
211840	Peru	USDA A. F. Swanson	CH p R U Wt Y	3		Inter	3	0.5	3	3	3	3	Susc
212408	Peru	Rick LA 125	CH P R U Wt Y	5		Prostr	1	0.5	3	3	—	—	
212409	Venezuela	DeZerpa 52-118	CH P R U Wt Y	5		Prostr	1	0.5	3	3	—	—	
224709	Mexico	USDA Correll No. 4	Ch p R U Wt Y	3		Inter	2	0.25-0.50	3	2		2	Susc
224710	Mexico	USDA Correll No. 45	Ch p R U Wt Y	3		Inter	2	0.25-0.50	3	2		2	Susc
230327	Ecuador	USOM Norman Ward	Ch p R U Wt Y	3		Inter	2	0.25-0.50	3	2	2	2	Susc
251315	Peru	Rick LA 381	Ch P R U Wt Y	3		Inter	1	0.37	2	3	1	4	Susc
251316	Peru	Rick LA 384	Ch P R U Wt Y	3		Inter	1	0.37	4	3	4	2	Seg
251317	Peru	Rick LA 397	Ch P R U Wt Y	5		Inter	2	0.25-0.37	3	3	1	2	Seg
251318	Argentina	Rick LA 400	CH P R U Wt Y	5		Inter	3	0.37	3	3	4	2	Susc
251319	Ecuador	Rick LA 411	Ch P R U Wt Y	3		Inter	2	0.37-0.44	5	3	1	1-5	Susc
251320	Ecuador	Rick LA 412	CH P R U Wt Y	3	Ind	Prostr	1	0.37-0.44	5	3	4	4	Susc
251321	Ecuador	Rick LA 413	Ch P R U Wt Y	4	Ind	Erect	3	0.37	1	4	3	2	Susc
263589	Mexico	USDA Gentry No. 17856	Ch p R U Wt Y	5	Ind	Inter	1	0.5	3	3	4	1	Susc
270439	Mexico 23	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt y	3	Ind	Inter	1	0.5	4	2	4	1	Susc
270440	Mexico 24	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt y	4	Ind	Inter	2	0.6	4	3	3	1	Susc
270441	Mexico 25	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt y	3	Ind	Inter	1	0.6	4	1	4	1	Susc
270442	Mexico 26	Larsen & Alvarez, Roc. Fnd.	Ch P r U Wt y	3	Ind	Inter	1	0.6	4	1	3	2	Susc
270443	Mexico 27	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt Y	4	Ind	Inter	3	0.6	3	3	4	1	Susc
270444	Mexico 28	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt Y	4	Ind	Inter	3	0.7	3	3	5	1	Susc
270445	Mexico 29	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt y	4	Ind	Inter	2	0.6	3	3	5	1	Susc
270446	Mexico 30	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt Y	3	Ind	Inter	2	0.6	3	3	4	1	Susc
270447	Mexico 31	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt y	4	Ind	Inter	3	0.6	4	3	5	1	Susc
270448	Mexico 32	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt y	4	Ind	Inter	2	0.6	4	3	5	2	Susc
270449	Mexico 33	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt Yy	4	Ind	Inter	2	0.6	4	3	4	2	Susc
270450	Mexico 34	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt Y	4	Ind	Inter	2	0.6	4	2	4	1	Susc
270451	Mexico 35	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt Y	3	Ind	Inter	1	0.6	3	2	5	2	Susc
270452	Mexico 36	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt Y	4	Ind	Inter	1	0.6	3	2	3	2	Susc
270453	Mexico 47	Larsen & Alvarez, Roc. Fnd.	Ch P R U Wt Y	4	Ind	Inter	2	0.6	3	3	3	1	Susc
272641	El Salvador	Schwanitz No. 1155	Ch P R U Wt Y	2	Ind	Inter	1	0.37	3	2	1	1	Susc
272650	Guatemala	Schwanitz No. 1164	Ch P R U Wt Y	5	Ind	Inter	1	0.37	2	3	1	2	Susc
274174	Mexico	From P. I. 262892	Ch P R U Wt Y	4	Ind	Inter	2	0.25-0.37	1	2	4	2	Susc
270373	Guatemala	From P. I. 279373	Ch P R U Wt Y	4	Ind	Inter	1	0.37	1	3	1	1	Susc
279568	Texas	P. A. Young SR1234E	CH P R U Wt Y	4	Ind	Inter	2	0.5	3	4	3	1	Susc

*The shape of *L. pimpinellifolium* was found to be globose in all cases.

TABLE 7.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters							Disease Reaction				
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
				b. Suspected species crosses <i>Lycopersicon esculentum</i> x <i>L. pimpinellifolium</i>														
108245	Germany	Tobacco Research Inst.	C h	R U Wt Y	3	Prostr	2	1	—	0.75	2	5	3	—	2-3	1	4	—
112835	Guatemala	USDA J. H. Kempton	C h	R U Wt Y	4	Inter	3	1	—	0.5	2	2	5	—	2	1	1	—
114038	Honduras	USDA W. A. Archer	C h	R U Wt Y	3	Erect	3	1	—	1.0	2	3	5	—	2-3	1	1	—
114967	India	USDA W. Koelz	C h	R U Wt Y	4	Inter	2	1	—	1.0	2	5	3	—	2	1	2	—
118403	Venezuela	USDA R. Stadelman	C h	R U Wt Y	4	Inter	1	1	—	0.62	2	4	5	—	2-3	1	1	—
118405	Venezuela	USDA R. Stadelman	C H	R U Wt Y	3	Erect	2	1	—	0.37	2	3	3	—	2	1	1	—
118407	Venezuela	USDA R. Stadelman	C h	R U Wt Y	5	Inter	1	1	—	1.0	2	3	3	—	2	1	1	—
118409	Venezuela	USDA R. Stadelman	C h P	R U Wt Y	5	Erect	3	1	—	0.75	2	3	5	—	3-4	1	1	—
118784	Brazil	USDA R. Stadelman No. 3	C h	R U Wt Y	5	Erect	3	1	—	0.62	2	3	5	—	2	1	1	—
118786	Venezuela	USDA R. Stadelman No. 5	C h	R U Wt Yy	3	Inter	3	1	—	0.75	2	3	5	—	3	1	1	—
119104	Brazil	USDA W. A. Archer	C h p	R U Wt Y	2	Inter	3	3	C	2.5	1	5	1	3	4-many	2	4	Susc
119214	Venezuela	USDA R. Stadelman	C h p	R U Wt Y	3	Inter	3	1	—	2.0	3	3	2	2	2-3	1	1	Susc
124132	India	USDA W. Koelz No. 2504	C h	R U Wt Y	3	Erect	1	—	—	0.75	2	3	2	—	3-4	1	1	—
126437	Peru	USDA H. L. Blood No. 10	C H	R U Wt Y	3	Inter	2	—	—	0.5	2	1	5	—	2-4	1	1	—
126905	Peru	USDA H. L. Blood No. 72	C h p	R U Wt Y	3	Inter	2	1	—	1.0	1	4	4	3	2-many	1	1	Susc
126912	Peru	USDA H. L. Blood No. 119	C h p	R U Wt Y	3	Inter	3	5	R	1.0	1	2	3	3	3-many	2	2	Susc
126915	Peru	USDA H. L. Blood No. 125	C H P	R U Wt Y	3	Inter	2	1	—	0.5	3	1	5	3	2	1	4	Susc
126923	Peru	USDA H. L. Blood No. 118	C h	R U Wt Y	5	Erect	2	1	—	0.75	2	3	4	—	3	1	3	—
126943	Peru	USDA H. L. Blood No. 97	C h p	R U Wt Y	3	Inter	2	1	—	1.0	1	2	2	3	2-4	1	2	Susc
126948	Peru	USDA H. L. Blood No. 115	C H	R U Wt Yy	3	Inter	1	1	—	0.62	2	4	3	—	2-4	1	3	—
126951	Peru	USDA H. L. Blood No. 123	C h	R U Wt Y	3	Inter	3	1	—	0.75	2	3	3	4	2	1	3	Susc
127799	Peru	USDA H. L. Blood No. 158	C H	R U Wt Y	4	Inter	2	1	—	0.5	2	5	1	—	2-3	1	3	—
128194	Mexico	Jesus Acuna Ordaz	C h	R U Wt Y	3	Inter	2	1	—	0.62	2	2	4	—	2	1	1	—
128639	Peru	USDA H. L. Blood No. 534	C h p	R U Wt Y	3	Inter	2	1	—	0.62	2	3	2	4	2	1	1	Susc
128664	Peru	USDA H. L. Blood No. 549	C H P	R U Wt Y	4	Inter	2	3	C	0.75	2	4	1	4	2-5	1	3	Susc
129021	Ecuador	USDA H. L. Blood No. 564	C H	R U Wt Y	4	Inter	2	1	—	1.0	1	4	2	—	3	1	3	—
129022	Ecuador	USDA H. L. Blood No. 571	C h p	R U Wt Y	3	Inter	2	1-1	C-R	1.0-1.75	1	4	2	3	3-many	2-4	3	Susc
129024	Ecuador	USDA H. L. Blood No. 573	C h P	R U Wt Y	3	Inter	1	1	—	0.5	2	1	5	3	2	1	2	Susc
129027	Ecuador	USDA H. L. Blood No. 593	C h p	R U Wt Y	4	Inter	2	1	—	0.75	1	5	4	5	2-3	1	1	Susc
129028	Ecuador	USDA H. L. Blood No. 594	C H	R U Wt Y	5	Inter	2	1	—	0.75	2	5	2	—	2-3	1	—	—
129030	Ecuador	USDA H. L. Blood No. 606	C H	R U Wt Y	4	Inter	3	1	—	0.75	2	5	1	—	2-3	1	5	—
129062	Colombia	USDA H. L. Blood No. 671	C h	R U Wt Y	4	Erect	1	1	—	0.62	2	3	5	—	2	1	2	—
129074	Colombia	USDA H. L. Blood No. 688	C h	R U Wt Y	3	Inter	2	1	—	0.62	2	4	2	—	2-3	1	1	—
129089	Colombia	USDA H. L. Blood No. 710	C h	R U Wt Y	4	Inter	2	1	—	0.75	2	1	5	—	2-3	1	2	—
129090	Colombia	USDA H. L. Blood No. 711	C h p	R U Wt Y	4	Inter	1	1	—	0.62	2	3	1	3	2-3	1	2	Susc
129105	Colombia	USDA H. L. Blood No. 728	C h	R U Wt Yy	5	Erect	1	1	—	0.5	2	3	5	—	2-5	1	1	—
129108	Colombia	USDA H. L. Blood No. 731	C h	R U Wt Yy	4	Erect	3	—	—	1.0	2	3	1	—	3-many	1	4	—
129110	Colombia	USDA H. L. Blood No. 733	C h p	R U Wt Yy	3	Inter	2	1-1	C-R	0.75-1.5	1	3	3	3	2-5	2	2	Susc
129112	Colombia	USDA H. L. Blood No. 735	C h p	R U Wt Yy	3	Inter	3	2-1	C-R	0.75-1.5	1	3	3	2	3-many	1-2	3	Susc
129116	Colombia	USDA H. L. Blood No. 739	C H P	R U Wt Y	5	Ind Inter	3	1-2	C-R	0.5	2	3	5	4	2-4	1	2	Susc
129121	Colombia	USDA H. L. Blood No. 744	C h p	R U Wt Y	5	Inter	1	1-1	C-R	0.75-1.5	1	4	3	1	5-many	2	2	Susc
129135	Argentina	USDA H. L. Blood No. 762	C h p	R U Wt Y	2	Inter	3	2-1	C-R	1.5-2.0	1-2	3	3	2	many	2	3	Susc
129143	Peru	USDA H. L. Blood No. 548	C h	R U Wt Y	4	Inter	2	—	—	0.75	2	5	1	—	3-5	1	5	—
129148	Ecuador	USDA H. L. Blood No. 563	C H P	R U Wt Y	2	Inter	2	2	C	1.0	2	4	1	3	3-many	1	3	Susc
129154	Ecuador	USDA H. L. Blood No. 589	C h p	R U Wt Y	3	Inter	3	1	—	0.75	3	5	1	3	2-3	1	2	Susc
129155	Ecuador	USDA H. L. Blood No. 591	C h P	R U Wt Y	3	Inter	2	1	—	0.75	1	5	2	5	2	1	2	Susc
129156	Ecuador	USDA H. L. Blood No. 604	C h P	R U Wt Y	3	Inter	2	1	—	0.62	1	5	1	5	2	1	2	Susc
129686	Ecuador	Amer. Consul. General	C h P	R U Wt Y	4	Inter	2	3	R	1.0	1	2	2	2	2-many	1	4	Susc
135022	Colombia	Jaime Villegas D. (Cal)	C h	R U Wt Y	4	Inter	2	—	—	0.62	2	2	2	—	2-3	1	2	—
135842	Afghanistan	USDA W. Koelz No. 4627	C h	R U Wt Y	4	Inter	3	—	—	1.0	2	3	5	—	3-4	1	2	—

TABLE 7.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters											Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic			
							Amt.	Type												
b. Suspected species crosses <i>Lycopersicon esculentum</i> x <i>L. pimpinellifolium</i>																				
143680	Ecuador	USDA W. R. Schreiber	C H	R U Wt Y	5	Inter	2	-	-	0.75-1.0	2	4	5	-	2-3	1	3	-		
146089	Iran	USDA W. Koelz No. 8258	C h	R U Wt Yy	2	Prostr	1	-	-	0.75	2	4	1	-	2-3	1	2	-		
147609	Brazil	J. T. Baldwin Jr., Mato Grosso	C h	R U Wt Y	4	Inter	2	-	-	0.75	2	5	3	-	2-3	1	3	-		
147635	Ecuador	Dir. Gen. Agr., Quito	C H	R U wt Y	3	Prostr	1	-	-	0.75	2	5	1	-	3	1	5	-		
152043	Costa Rica	Minister of Agr.	C h p	R U Wt Y	4	Erect	3	-	-	0.75	1	2	3	4	2	1	2	Susc		
155368	Peru	B. S. Crandall Exp. Sta. TM* 1208	C h p	R U wt Y	3	Inter	3	1	-	1.0	2	3	1	4	2-many	1	2	Susc		
155369	Peru	B. S. Crandall Exp. Sta. TM 1209	C h p	R U wt Y	2	Erect	2	1	-	1.0	1	3	1	4	2-3	1	3	Susc		
155371	Peru	B. S. Crandall Exp. Sta. TM 1214	C h P	R U wt Y	3	Inter	2	1	-	1.0	2	5	1	3	2-3	1	5	Susc		
155375	Peru	B. S. Crandall Exp. Sta. TM 1237	C H P	R U wt Y	2	Inter	3	2	C	1.0	2	3	1	4	3	1	3	Susc		
155378	Peru	B. S. Crandall Exp. Sta. TM 1247	C H P	R U wt Y	3	Inter	3	1	-	1.0	1	4	2	4	2-4	1	3	Susc		
155379	Peru	B. S. Crandall Exp. Sta. TM 1207	C h p	R U wt Y	3	Inter	3	1	-	1.0	1	4	1	2	2-3	1	2	Susc		
158161	Venezuela	Unknown Donor	C h P	R U Wt Y	3	Inter	3	2	R	0.5	2	3	3	3	2-3	1	2	Susc		
158164	Venezuela	Unknown Donor	C h P	R U Wt Y	4	Inter	3	1	-	1.0	2	4	2	1	3	1	2	Susc		
158166	Venezuela	Unknown Donor	c h P	R U Wt Y	4	Inter	3	1	-	1.0	2	4	2	1	3	1	3	Susc		
158167	Venezuela	Unknown Donor	C h P	R U Wt Y	4	Inter	3	1	-	1.0	2	4	2	1	3	1	1	Susc		
158171	Venezuela	Unknown Donor	C h P	R U Wt Y	2	Inter	3	1	-	0.5	2	3	2	3	2	1	2	Susc		
159007	Peru	Exp. Sta. TM No. 1155	C h P	R U wt Y	2	Inter	2	1	-	1.0	1	3	4	4	2-3	2	3	Susc		
163246	India	USDA W. Koelz No.8276	C	R U wt Y	2	Inter	1	-	-	0.5	2	5	2	-	2	1	4	-		
166365	India	USDA W. Koelz No.9398	C h P	R U Wt Y	2	Inter	3	1	-	0.75	3	3	2	3	2	1	3	Susc		
185688	Guatemala	Trop. Res. Cen. Tiguisete	C h P	R U Wt Yy	4	Inter	3	1	-	0.75	2	4	2	1	2	1	3	Susc		
185689	Guatemala	Trop. Res. Cen. Tiguisete	C h P	R U Wt Y	3	Inter	2	1	-	0.5	2	5	1	1	2	1	2	Susc		
187002	Guatemala	Trop. Res. Cen. Antigua	C h p	R U wt Y	3	Inter	1	1	-	0.62	2	4	1	1	2	1	1	Susc		
190188	Mexico	USDA J. T. Baldwin, Jr., No. 1125	C h P	R U Wt Y	2	Inter	2	3	R	0.5	2	3	3	3	2-3	1	2	Susc		
190256	New Caledonia	Serv. Agr. Noumea	C h P	R U Wt Y	4	Inter	2	1	-	0.75	2	4	2	2	2	1	3	Susc		
195003	Ethiopia	USDA W. A. Archer No. 9262	C h P	R U Wt Y	2	Inter	3	2	R	1.0	2	3	3	3	2	1	4	Susc		
195006	Ethiopia	USDA W. A. Archer No. 9400	C h p	R U Wt Y	2	Inter	2	2	C	0.5	2	4	3	3	2-3	1	2	Susc		
195322	Guatemala	USDA O. W. Norvell No. 2773	C h p	R U Wt Y	2	Inter	2	2	C	0.5	2	3	3	2	2	1	2	Susc		
195324	Guatemala	USDA O. W. Norvell No. 2783	C h p	R U Wt Yy	2	Inter	3	2	R	0.5	2	3	3	2	2-3	1	3	Susc		
195325	Guatemala	USDA O. W. Norvell No. 2784	C h p	R U Wt Yy	2	Inter	3	2-2	C-R	0.5	2	3	3	2	2-4	1	3	Susc		
195781	Guatemala	USDA O. W. Norvell No. 2513	C h p	R U Wt Yy	3	Inter	2	3	R	0.5	2	3	3	2	2	1	2	Susc		
195788	Guatemala	USDA O. W. Norvell No. 2609	C h P	R U Wt Y	2	Inter	2	1	-	0.5	2	3	3	2	2	1	4	Susc		
195789	Guatemala	USDA O. W. Norvell No. 2821	C h P	R U Wt y	2	Inter	2	3	R	0.5	2	3	3	2	2	1	2	Susc		
195790	Guatemala	USDA O. W. Norvell No. 2850	C h p	R U Wt y	2	Inter	2	2	R	0.5	2	3	3	2	2	1	2	Susc		
195791	Guatemala	USDA O. W. Norvell No. 2851	C h P	R U Wt Y	2	Inter	3	1	-	0.5	2	3	3	2	2	1	2	Susc		
197159	Guatemala	USDA O. W. Norvell No. 3085	C h p	R U Wt Y	2	Inter	2	1	-	0.5	2	1	5	2	2	1	3	Susc		
198674	Mexico	M. C. Richards, N. H. Agr. Exp.	C h P	R U Wt Y	4	Ind Inter	3	1-1	C-R	0.5	2	2	1	1	2	1	2	Susc		
198912	Brazil	M. L. Owen, Mato Grosso	C h P	R U Wt Y	2	Inter	2	1	-	0.75	2	3	3	3	2-3	1	-	Susc		
204587	Turkey	USDA R. K. Godfrey No. 155	C h P	R U Wt Yy	2	Inter	3	3-3	C-R	2.0	2, 3, 1	3	3	2-3	2-5	1-2	2	Susc		
204975	Puerto Rico	Gallegly W. Va. No. 31	C h P	R U Wt Y	2	Inter	2	1	-	0.75-1.5	2	5	3	4	2-3	2	-	Susc		
204976	North Carolina	Gallegly W. Va. No. 36	C h P	R U Wt Y	2	Inter	2	1	-	0.75-1.5	2	3	3	3	2-5	1	-	Susc		
204978	W. Va. No. 45		C h P	R U Wt Y	2	Inter	2	1	-	0.75-1.0	2	3	3	3	2	1	-	Susc		

* TM = Tingo Maria

TABLE 7.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf-let Size	Cracking		Size Inches	Shape	Set	Ma-tur-ity	Inten-sity Flesh Color	Number Locules	*Fas-cia-tion	Alter-naria	Mosaic	
							Amt.	Type										
b. Suspected species crosses <i>Lycopersicon esculentum</i> x <i>L. pimpinellifolium</i>																		
204980	W. Va. No. 106	From P. I. 108245	C h P R U Wt Y	2	Inter	2	1	—	0.75-1.0	2	4	3	3	2	1	—	Susc	
204981	W. Va. No. 126-1	1 plant of P. I. 110595	C h P R U Wt Y	2	Inter	2	1	—	0.75-1.0	2	4	3	3	2	1	—	Susc	
204982	W. Va. No. 126-2	1 plant of P. I. 110595	C h P R U Wt Y	2	Inter	2	1	—	0.5-1.0	2	4	3	3	2	1	—	Susc	
204987	W. Va. No. 171-1	1 plant of P. I. 119446	C h P R U Wt Yy	2	Inter	2	2-2	C-R	0.75-2.0	1	3	3	3	2-many	4	—	Susc	
204992	W. Va. No. 502-1	1 plant of P. I. 163246	C h P R U Wt Y	2	Inter	2	1	—	0.5-1.0	2	3	3	3	2-3	1	—	Susc	
204996	W. Va. No. 700		C h P R U Wt Yy	2	Inter	2	1	—	0.62-1.5	2	3	3	3	2-3	1	—	Susc	
204997	W. Va. No. 701		C h P R U Wt Y	2	Inter	2	1	—	0.5-1.0	2	3	3	3	2	1	—	Susc	
204998	W. Va. No. 702		C h P R U Wt Y	2	Inter	2	1	—	0.62-1.0	2	3	3	2	2	1	—	Susc	
204999	W. Va. No. 703		C h P R U Wt Y	2	Inter	2	1	—	0.5-0.75	2	3	3	2	2-3	1	—	Susc	
205001	W. Va. No. 707	From Stambie (Mills No. 24)	C h p R U Wt Y	3	Inter	3	2-2	C-R	0.75-1.25	1,3	3	3	3	2-3	1	3	Susc	
205010	W. Va. No. 775-2	1 plant from P. I. 110595	C h P R U Wt Yy	2	Inter	2	2-2	C-R	0.75-1.5	2	3	3	4	2-3	2	—	Susc	
205011	W. Va. No. 795-1	1 plant from P. I. 126949	C h P R U Wt Y	2	Inter	2	1	—	0.5-1.75	2	3	3	3	2-5	1	—	Susc	
205013	W. Va. No. 809-1	1 plant from P. I. 190256	C h P R U Wt Y	2	Inter	2	1	—	0.75-1.25	2	3	3	3	2-3	1	—	Susc	
205014	New Caledonia	1 plant from P. I. 190256	C h P R U Wt Y	2	Inter	2	1	—	0.5	2	3	3	—	2	1	—	—	
205015	W. Va. No. 819-1	1 plant from P. I. 114038	C h P R U Wt Y	2	Inter	2	1	—	1.0-2.0	1	3	3	3	2-many	2	—	Susc	
205016	W. Va. No. 819-2	1 plant from P. I. 114038	C h P R U Wt Y	2	Inter	2	1	—	0.62-0.75	2	3	3	3	2	1	—	Susc	
205017	W. Va. No. 828-1	1 plant from P. I. 119214	C h P R U Wt Y	2	Inter	2	1	—	0.75-1.5	2	3	3	4	2-3	1	—	Susc	
205018	W. Va. No. 828-2	1 plant from P. I. 119214	C h P R U Wt Y	2	Inter	2	1	—	0.75-1.25	2,3	3	3	3	2-4	1	—	Susc	
205019	W. Va. No. 846-1	1 plant from P. I. 129089	C h P R U Wt Y	2	Inter	2	1	—	0.75-1.25	2	2	3	3	2	1	—	Susc	
205020	W. Va. No. 846-2	1 plant from P. I. 129089	C h P R U Wt Y	2	Inter	2	1	—	0.75-1.5	2	3	3	3	2-4	2	—	Susc	
205021	W. Va. No. 878	Mass seed from Jamaica Wild	C h P R U Wt Y	2	Inter	2	1	—	1.0	2	3	3	3	2-3	1	—	Susc	
205022	W. Va. No. 880	N. C. No. 941	C h P R U Wt Y	2	Inter	2	1	—	1.0-1.25	3	3	3	3	2-3	1	—	Susc	
205026	W. Va. No. 887-1	1 plant from 2-2PRW	C h P R U Wt Y	2	Inter	2	1	—	1.25-1.5	2,3	3	3	3	2-5	1	—	Susc	
205033	W. Va. No. 891-3	1 plant from 52-1 PAsTW	C h p R U Wt Y	2	Inter	2	1	—	0.75-2.0	5	3	3	3	2-4	1	—	Susc	
209975	Bolivia	Redondo	C h p R U Wt Y	3	Inter	3	3	C	1.5	2,1	3	3	3	2-3	1	2	Susc	
212410	Venezuela	DeZerpa	C h P R U Wt Y	5	Erect	1	1	—	0.5-0.75	2	5	3	3	2	1	—	—	
212411	Morocco	Burdick 038	C h P R U Wt Y	5	Inter	1	1	—	0.75	2	5	3	3	2	1	—	—	
222256	Iran	USDA E. E. Smith No. 1435	Cc h Pp R U Wt Y	3	Inter	3-4	5-2	C-R	1.25-2.75	1,3	2,3	3	3	3-many	4	3	Susc	
223309	New York	Pearson P 723	C h p R u Wt Y	2	Inter	3	1	—	1.5-2.0	1,3	5	3	3	3-4	1-2	4	Susc	
224675	New York	X907W (orig. from Mexico)	C h p R U Wt Y	3	Inter	3	1	—	0.5-1.5	2	3	3	3	2-3	1	2	Susc	
233930	Ecuador	Dr. Ferguson of Sucua	C H P R U Wt Y	5	Inter	1	1	—	0.75-1.0	2	4	2	2	2	1	4	Susc	
237640	California	52L67-1 LA 166	C h p R U Wt Y	3	Inter	3	1	—	1.5-2.5	1	3	4	3	many	4	3	Susc	
249641	India	Pusa Red Plum	C h P R U Wt Y	3	Inter	2	1	—	0.75-1.0	2	4	3	5	2	1	3	Susc	
251296	Peru	Rick LA 396	C H P R U Wt Y	3	Inter	1	2-1	C-R	0.5-1.0	2	4	3	3	3-many	1	2	Seg	
251299	Ecuador	Rick LA 475	C H P R U Wt Y	4	Inter	2	1	—	0.75-1.0	2	3	3	1	3-5	1	1	Susc	
251300	Ecuador	Rick LA 476	C H P R U Wt Y	4	Inter	2	1	—	0.5-0.75	2	4	3	1	2	1	3	Susc	
251322	Ecuador	Rick LA 417	C H P R U Wt Y	4	Ind Erect	2	1	—	0.75-1.0	2	3	4	4	3-4	1	1	Susc	
251323	Ecuador	Rick LA 418	C h P R U Wt Y	4	Inter	1	1	—	0.75-1.0	2	5	4	5	2	1	2	Susc	
260402	Peru	P. G. Smith, Calif. M-10	C H P R U Wt Y	4	Ind Inter	3	2-2	C-R	0.75-1.0	2	4	1	3	3	1	3	Susc	
270150	Mexico	Larson, Agr. Prog. Roc. Fnd.	C h P R U Wt y	4	Ind Inter	2	1	—	0.5-0.75	2	2	1	3	4	1	1	Susc	
270436	Mexico	Larson, Agr. Prog. Roc. Fnd. No. 1	C h P R U Wt y	3	Ind Inter	1	1	—	0.75-1.0	2	4	1	4	2	1	2	Susc	
270437	Mexico	Larson, Agr. Prog. Roc. Fnd. No. 12	C h P R U Wt Y	2	Ind Inter	1	1	—	1.0-1.75	3,5	3	3	3	2	1	2	Susc	
270438	Mexico	Larson, Agr. Prog. Roc. Fnd. No. 16	C h P R U Wt Y	3	Ind Inter	2	1	—	1.75-2.0	3	3	2	4	4-2	2,1	2	Susc	

TABLE 7.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Disease Reaction	
							Amt.	Type								Alter- naria	Mosaic
b. Suspected species crosses <i>Lycopersicon esculentum</i> x <i>L. pimpinellifolium</i>																	
270454	Mexico	Larson, Agr. Prog. Roc. Fnd. No. 49	C h P R U Wt Y	5	Ind Inter	3	1	--	1.0-1.1	3	3	3	3	2	1	2	Susc
272646	Guatemala	Schwanitz No. 1160	C h P R U Wt Y	5	Ind Inter	2	1	--	0.62	2	2	3	1	2	1	3	Susc
272654	Guatemala	Schwanitz No. 1168	C h P R U Wt Y	4	Ind Inter	1,3	1	--	0.37-0.5	2	1	4	1	2	1	1	Susc
272657	Guatemala	Schwanitz No. 1171	C h P R U Wt Y	4	Ind Inter	1	1	--	0.37-0.5	2	3	2	1	2	1	3	Susc
289241	Hungary	Nat. Inst. Agro-botany No. 110	C h P R U Wt Y	5	Ind Inter	1	1	--	0.75-1.0	2	3	3	1	2	1	1	Susc
303813	California	Red Cherry	C h P R U Wt Y	4	Ind Inter	2	1	--	0.75	2	5	4	5	2	1		

CLASSIFICATION AND EVALUATION OF THE DOMESTIC SPECIES, *Lycopersicon esculentum*

The classification of the species, *Lycopersicon esculentum*, is shown in Table 8. Approximately 83 percent of all accessions assembled were of this species. The fruit size ranged from very small to very large. Table 8 is divided into two sections: 8a, named and presumed varieties; and 8b, type species, including *F. pyriforme* and var. *cerasiforme*. In Table 8a, there are 441 named varieties which have been preserved for one or more reasons and 117 other accessions which were collected and are presumed to be named varieties.

It is difficult to describe the type species of *Lycopersicon esculentum* because of the wide divergence of characters in the species. The fruit size varies from less than 1 inch to more than 3 inches. The shape varies from globose to pear shape to San Marzano. The flesh color may be white, red, yellow, green, or tangerine. The skin is either colorless or yellow and the number of locules is extremely variable. Likewise, there are many variations in plant types. Perhaps these great variations result in part from mutations.

TABLE 8.—Horticultural Characters and Disease Reaction of the Domestic Tomato, *Lycopersicon esculentum* Mill., Including Form *pyriforme* (Dun.) C. H. Mull., and Variety *cerasiforme* (Dun.) A. Gray.

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf-let Size	Cracking		Size Inches	Shape	Set	Ma-tur-ity	Inten-sity Flesh Color	Number Locules	Fas-cia-tion	Alter-naria	Mosaic	
a. Named and presumed varieties																		
91458	Scotland	'Primrose Gage'	Ch p r U wt Y	2	Inter	1	1	—	1.75	3	1	3	1	2-many	2	2	Susc	
91907	Bulgaria	USDA J. G. Dickson No. 442	Ch R U Wt Y	3	Inter	3	—	—	2.75	1	3	3	—	5-many	2	4	—	
91918	Bulgaria	USDA J. G. Dickson No. 453	Ch R U Wt Y	3	Erect	4	—	—	2.0	1	3	5	—	many	2	3	—	
95591	Manchuria	M. Chara No. 9	Ch R U Wt Y	3	Inter	3	—	—	1.75	2	4	2	—	3-many	2	3	—	
98097	Cuba	USDA T. A. Fennell 'Rinon'	Ch R U Wt Yy	3	Erect	3	—	—	1.25	1	4	1	—	many	2	3	—	
102713	USSR	'Tshudorynka'	Ch R U Wt Y	3	Inter	3	—	—	2.5	1	3	2	—	many	2	3	—	
106997	Br. Guiana	USDA W. A. Archer Creole	Ch R U Wt Yy	3	Prostr	1	—	—	1.25	1	3	1	—	2-3	1	4	—	
109113	Turkey	USDA Westover & Enlow T 181	Ch R U Wt Y	5	Inter	4	—	—	2.75	1	3	3	—	many	2	3	—	
109315	Turkey	USDA Westover & Enlow T 356	Ch PR U Wt Y	3	Inter	3	2-3	C-R	2.0-3.5	1	4	5	4	4-many	5	2	Susc	
109514	Turkey	USDA Westover & Enlow T 473	Ch p R U Wt Y	2	Inter	4	2	R	2.75	1	3	3	2	many	4	3	Susc	
109831	Morocco	'De Marmande'	Ch U Wt Y	1	Inter	2	—	—	2.5	1	3	1	—	many	4	5	—	
109832	Morocco	'Des Allies'	Ch R U Wt Y	3	Inter	3	—	—	2.25	1	3	5	—	many	2	1	—	
109833	Morocco	'Joffre'	Ch R U Wt Y	1	Erect	2	—	—	2.0	1	4	1	—	3-4	1	4	—	
109834	Morocco	'Merville des Marches'	Ch R U Wt Y	3	Inter	3	—	—	2.5	1	3	3	—	many	2	4	—	
109835	Morocco	'Pierette'	Ch R U Wt Y	3	Inter	3	—	—	2.5	1	5	1	—	many	2	—	—	
109836	Morocco	'Precoce des Halles'	Ch R U Wt Y	1	Inter	2	—	—	2.5	1	5	1	—	many	2	5	—	
109837	Morocco	'Premiere'	Ch R U Wt Y	1	Inter	3	—	—	2.5	1	5	1	—	many	2	5	—	
109838	Morocco	'Profusion'	Ch R U Wt Y	1	Inter	2	—	—	2.0	1	4	2	—	3-4	1	5	—	
110946	Colombia	USDA W. A. Archer 'Ovita'	Ch R U Wt y	4	Inter	3	—	—	1.5	5	5	1	—	4-many	—	4	—	
111406	Panama	'Mercado'	Ch R U Wt Yy	3	Inter	3	—	—	2.0	1	3	1	—	many	4	5	—	
111407	Panama	'Monte Oscuro'	Ch R U Wt Yy	3	Prostr	3	—	—	2.5	1	3	1	—	many	4	5	—	
111408	Panama	'Pacora'	Ch R U Wt Yy	4	Inter	3	—	—	2.5	1	3	3	—	many	5	3	—	
111409	Panama	'Sona'	Ch R U Wt Yy	3	Inter	3	—	—	2.0	1	3	1	—	many	2	5	—	
113516	Egypt	Ministry of Agr., Giza	Ch p R U Wt Y	1	Erect	4	1	—	3.5	1	2	5	2	many	4	3	Susc	
115201	USSR	'First Early'	Ch P R U Wt Y	3	Inter	3	2	R	1.25	1	3	3	3	2-many	—	3	Susc	
115219	USSR	'Reine des Hatives'	Ch R U Wt Y	2	Inter	2	—	—	2.25	1	3	1	—	many	4	5	—	
115599	Turkey	USDA Westover & Enlow No. 5	Ch PR U wt Y	2	Erect	3	3-3	C-R	3.0	1	4	2	5	many	4	5	Susc	
115872	USSR	'Chudo Rinka'	Ch R U Wt Y	3	Inter	4	—	—	1.25	2	4	1	—	2-3	1	2	—	

TABLE 8a.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters					Fruit Characters							Disease Reaction	
				Vine Size	Growth and Habit	Leaf-let Size	Cracking		Size Inches	Shape	Set	Maturity	Intensity of Flesh Color	Number of Locules	Fasciation	Alter-naria	Mosaic
							Amt.	Type									
a. Named and presumed varieties																	
116526	India	USDA W. Koelz	C h P R U Wt Y	3	Inter	3	3-3	C-R	3.0	1	3	3	3	many	2	5	Susc
118328	Brazil	USDA W. A. Archer	C h R U Wt Y	4	Erect	3	-	-	2.5	1	3	3	-	many	2	2	-
118686	Brazil	USDA W. A. Archer	C h p R U wt Y	2	Inter	4	2	C	2.75	1	4	2	1	4-many	2	5	Susc
121662	Canada	Cent. Exp. Farm, Ottawa															
		'Abel'	C h R U Wt Y	1	Inter	2	-	-	2.0	1	1	1	-	many	2	3	-
121663	Canada	'Alacrity'	C h R U Wt Y	2	Inter	3	-	-	2.25	1	3	1	-	many	2	5	-
121664	Canada	'Bestal'	C h R U Wt Y	3	Inter	3	-	-	2.0	2	3	1	-	3-many	1	4	-
121665	Canada	'Globonnie'	C h R U Wt Y	3	Inter	3	-	-	2.25	2	3	1	-	5-many	2	5	-
121666	Canada	'Herald'	C h R U Wt Y	2	Prostr	3	-	-	2.5	1	?	1	-	many	2	3	-
121667	Canada	'Pink'	C h R U Wt Y	3	Inter	4	-	-	2.0	2	3	1	-	many	2	5	-
123433	Morocco	Exp. Sta. Marrakesh															
		'Aurore'	C h p R U Wt Y	3	Inter	4	2	C	2.75	3	4	2	2	4-many	2	5	Susc
123434	Morocco	'Hatif de Cologne'	C h p R U Wt Y	3	Inter	4	2	R	2.25	1	4	3	1	2-many	2	4	Susc
123435	Morocco	'Gloria de Mordin'	C h p R U Wt Y	3	Inter	4	2	C	2.25	1	2	4	2	3-4	2	5	Susc
123436	Morocco	'Reine de Reives'	C h p R U Wt Y	3	Inter	4	2	C	2.25	1	3	3	3	2-3	2	4	Susc
123437	Morocco	'Potager de Viljoule'	C h p R U Wt Y	2	Inter	4	2	C	2.5	1	3	5	3	3-4	4	4	Susc
123438	Morocco	'Sans Parcille'	C h p R U Wt Y	2	Inter	3	2	C	2.25	1	2	2	2	3-5	2	4	Susc
127802	Peru	USDA H. L. Blood No. 163	C h P R U Wt Y	2	Erect	5	3	R	3.0	1	4	5	1	many	4	4	Susc
127808	Peru	USDA H. L. Blood No. 190	C h P R U Wt Y	2	Inter	4	4	R	2.5	3	4	2	3	4-many	2	3	Susc
128214	Argentina	USDA H. L. Blood No. 339	C h R U Wt Y	3	Inter	3	-	-	2.5	1	3	4	-	5-many	2	2	-
128285	Argentina	USDA H. L. Blood No. 349	h P R U Wt Y	3	Inter	5	2	C	2.75	1	4	4	3	many	2	3	Susc
128287	Argentina	USDA H. L. Blood No. 351	C h P R U Wt Y	2	Inter	4	2	R	2.5	3	1	4	4	3-many	1	3	Susc
128288	Argentina	USDA H. L. Blood No. 352	C h P R U Wt Y	3	Inter	4	2	C	2.75	1	1	2	4	many	2	3	Susc
128289	Argentina	USDA H. L. Blood No. 353	C h P R U Wt Y	3	Inter	3	2	R	3.0	1	2	3	3	many	4	3	Susc
128291	Argentina	USDA H. L. Blood No. 384	C h P R U Wt Y	4	Inter	4	3	C	2.75	1	3	2	4	many	4	3	Susc
128292	Argentina	USDA H. L. Blood No. 385	C h P R U Wt Y	3	Inter	3	1	-	2.5	1	4	5	3	4-many	4	3	Susc
128293	Argentina	USDA H. L. Blood No. 386	C h p R U Wt Y	4	Inter	4	2	C	2.5	1	4	5	2	3-many	2	2	Susc
128338	Canada	McFayden Seed Co.															
		'Harkness'	C h P R U Wt Y	3	Inter	3	2-2	C-R	2.5	1	4	2	3	many	2	5	Susc
128448	Chile	USDA H. L. Blood No. 401	C h P R U Wt Y	5	Inter	5	2	C	2.75	1	3	4	2	3-many	4	2	Susc
128449	Chile	USDA H. L. Blood No. 402	C h p R U Wt Y	4	Inter	4	2	R	2.75	1	2	2	4	3-many	2	3	Susc
128586	Chile	USDA H. L. Blood No. 422	C h R U Wt Y	3	Erect	4	-	-	3.5	2	3	4	-	many	2	3	-
128587	Chile	USDA H. L. Blood No. 423	C h p R U Wt Y	4	Inter	4	2	C	2.75	1	1	4	2	many	2	2	Susc
128589	Chile	USDA H. L. Blood No. 437	C h R U Wt Y	2	Inter	4	-	-	3.5	1	3	5	-	many	4	2	-
128591	Chile	USDA H. L. Blood No. 439	C h P R U Wt Y	2	Erect	3	2	R	2.5	1	1	2	3	many	2	3	Susc
128592	Chile	USDA H. L. Blood No. 440	C h R U Wt Y	3	Inter	3	-	-	3.0	1	2	5	-	many	2	2	-
128597	Chile	USDA H. L. Blood No. 449	C h R U Wt Y	3	Inter	4	-	-	2.0	2	3	2	-	3-many	1	1	-
128602	Chile	USDA H. L. Blood No. 453	C h P R U Wt Y	5	Inter	4	2	R	2.5x3.5	3	1	5	1	3-5	2	3	Susc
128605	Chile	USDA H. L. Blood No. 456	C h P R U Wt Y	4	Inter	5	2	C	3.5	1	3	3	2	many	5	3	Susc
128606	Chile	USDA H. L. Blood No. 457	C h P R U Wt Y	3	Inter	4	2	C	3.25	1	3	3	4	many	5	3	Susc
128609	Chile	USDA H. L. Blood No. 461	C h R U Wt Y	2	Inter	3	-	-	2.5	2	2	3	-	4-many	1	3	-
128610	Chile	USDA H. L. Blood No. 462	C h P R U Wt Y	3	Inter	4	2	R	3.5	1	1	4	2	many	4	3	Susc
128884	France	'de Marmande'	C h P R U Wt Y	3	Inter	4	2	C	3.25	1	3	2	2	many	4	5	Susc
128885	France	'Mikado Ecarlate'	C h R U Wt Y	3	Erect	4	-	-	2.5	1	3	5	-	5-many	2	1	-
128886	France	'Merveille des Marches'	C h R U Wt Y	3	Inter	3	-	-	1.0-2.0	5	4	3	-	2	1	1	-
128887	France	'Perfection'	C h R U Wt Y	1	Inter	3	-	-	2.0	1	3	1	-	many	2	5	-
128888	France	'Reine des Hatives'	C h R U Wt Y	1	Inter	3	-	-	2.5	1	3	1	-	many	2	4	-
128889	France	'Roi Humbert'	C h R U Wt Y	2	Inter	3	-	-	2.0	1	3	3	-	4-many	2	3	-
128890	France	'Rouge Grosse'	C h R U Wt Y	2	Inter	3	-	-	2.0	1	3	2	-	many	4	4	-
129043	Ecuador	USDA H. L. Blood No. 640	C h p R U Wt Y	4	Inter	4	2	R	3.0	1	2	2	3	many	5	3	Susc

TABLE 8a.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters							Disease Reaction		
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
							Amt.	Type									
a. Named and presumed varieties																	
129113	Colombia	USDA H. L. Blood No. 736	C h P R U wt Y	3	Inter	4	2	C	2.75	1	1	5	4	many	4	2	Susc
129126	Panama	USDA H. L. Blood No. 751	C h P R U Wt Y	3	Inter	4	2	R	2.5	1	4	3	3	many	4	3	Susc
129132	Argentina	USDA H. L. Blood No. 759	C h p R U wt Y	4	Inter	4	2	C	2.75	1	2	2	3	many	4	3	Susc
129133	Argentina	USDA H. L. Blood No. 760	C h P R U wt Y	4	Inter	4	2	R	2.75	1	2	3	2	many	4	3	Susc
129138	Argentina	USDA H. L. Blood No. 765	C h P R U wt Y	3	Inter	4	2	C	3.0	1	3	2	1	many	5	3	Susc
129139	Argentina	USDA H. L. Blood No. 766	C h P R U Wt Y	3	Inter	4	2	R	3.0	1	1	2	2	many	4	3	Susc
129690	Argentina	Blood No. 774 'Palo Blanco'	C h P R U Wt Y	3	Inter	3	4-4	C-R	2.0	1	3	4	5	many	2	3	Susc
131879	Argentina	Swift & Co. 'Palo Blanco'	C h P R U Wt Y	2	Erect	3	3	C	3.0	1	1	4	1	3-5	4	2	Susc
135909	Baluchistan	USDA W. Koelz	C h R U Wt Y	1	Prostr	3	--	--	2.75	1	3	3	--	many	2	5	--
136475	New Zealand	USDA C. Taylor	C h R U Wt Y	4	Inter	3	--	--	2.0	1	5	2	--	5-many	2	5	--
140050	Brazil	USDA W. R. Schreiber	C h P R U Wt Y	3	Inter	3	1	--	2.5	1	3	2	4	many	2	5	Susc
140417	Iran	USDA W. Koelz	C h R U Wt Y	3	Inter	3	--	--	2.5	1	3	3	--	many	2	4	--
141963	Manchuria	L. Pitsin, Harbin	C h R U Wt Y	4	Erect	3	--	--	2.75	1	4	5	--	many	2	2	--
142700	Mexico	USDA F. W. McBryde	C h R U Wt Yy	4	Inter	3	--	--	3.5	1	2	3	--	many	4	2	--
146083	Iran	USDA W. Koelz No. 8165	C h R U Wt y	3	Erect	4	--	--	2.5	1	2	5	--	many	2	3	--
146090	Iran	USDA W. Koelz No. 8259	C h R U Wt Y	3	Inter	3	--	--	2.5-3.0	1	2	5	--	many	4	3	--
146129	Brazil	State Dept., 'Paulista'	C h R U Wt Y	3	Prostr	1	--	--	1.25	3	3	3	--	2-3	1	3	--
147282	Tasmania		C h R U Wt Y	3	Erect	5	--	--	2.5	2	4	3	--	5-many	1	4	--
148656	Iran	USDA W. Koelz No. 8295	c h R U Wt Y	3	Inter	5	--	--	2.5-3.0	1	3	3	--	many	1	3	--
157193	Australia	NSW 'Tatura Dwarf Globe'	C h P R U Wt Y	1	Erect	3	3	C	2.5	1	4	3	2	3-many	2	5	Susc
157992	Italy	Inst. of Bologna, 'Prezioso'	C h P R U Wt Y	1	Inter	3	3	C	2.25	1	5	4	2	many	4	5	Susc
157993	Italy	Inst. of Bologna, 'Prospero'	C h P R U wt Y	2	Inter	3	3	C	2.5	1	4	1	1	many	4	5	Susc
158760	China	'Chih mu tao se'	C h P R U Wt Y	1	Inter	3	3	R	2.75	1	2	1	4	many	2	4	Susc
159001	Peru	Agr. Exp. Sta. Tingo Maria No. 1113	C h P R U Wt Y	2	Inter	3	3	C	2.5	1	2	2	2	3-4	2	4	Susc
159199	Peru	'Rutgers' (Woods No. 430) Tingo Maria No. 1195	C h P R U Wt Y	2	Inter	3	3	C	2.0	1	3	3	3	2-many	2	4	Susc
163250	India	USDA W. Koelz No. 8342	C R Wt Y	4	Inter	3	--	--	3.0	1	3	4	--	5	1	4	--
165489	India	USDA W. Koelz No. 9293 'Ponderosa'	C h R U wt y	3	Erect	3	--	--	3.0	1	2	5	--	many	4	2	--
165490	India	USDA W. Koelz No. 9294 'Marglobe'	C h R U Wt Y	4	Erect	3	--	--	2.5	1	3	3	--	5	2	3	--
167054	Turkey	USDA J. R. Harlan No. 251	C R U Wt Y	1	Erect	4	--	--	2.5	1	1	5	--	many	2	3	--
169578	Turkey	USDA J. R. Harlan No. 2458	C R U Wt Y	4	Erect	4	--	--	4.0	1	3	5	--	many	4	2	--
169585	Turkey	USDA J. R. Harlan No. 3003	C R U Wt Y	4	Erect	3	--	--	4.0	1	1	5	--	many	4	2	--
171712	Turkey	USDA J. R. Harlan No. 6714	C h P R U Wt Y	2	Erect	3	2	R	2.75	1	1	2	4	many	2	5	Susc
171713	Turkey	USDA J. R. Harlan No. 6746	C h P R U Wt Y	1	Inter	3	3	C	2.75	1	1	4	2	3-many	2	4	Susc
171714	Turkey	USDA J. R. Harlan No. 6813	C h P R U Wt Y	4	Erect	4	2	R	2.75	1	2	4	2	many	4	3	Susc
171715	Turkey	USDA J. R. Harlan No. 6827 'Sirik'	C h P R U Wt Y	3	Inter	4	3	C	3.0	1	3	5	3	many	4	3	Susc
172966	Turkey	USDA J. R. Harlan No. 7523	C h P R U Wt Y	2	Inter	4	2	R	2.75	1	3	5	3	many	4	3	Susc
172967	Turkey	USDA J. R. Harlan No. 7544	C h P R U Wt Y	3	Inter	4	3	R	2.75	1	4	4	3	2-many	4	2	Susc
172969	Turkey	USDA J. R. Harlan No. 7727	C h p R U wt Y	3	Inter	4	2	C	2.75	1	3	4	4	4-many	4	3	Susc
173920	India	USDA W. Koelz No. 9764	C h p R U wt Y	3	Inter	4	2	R	2.5	1	3	4	2	4-many	2	3	Susc
175776	Turkey	USDA J. R. Harlan No. 5978	C h P R U Wt Y	3	Inter	4	2	C	3.0	1	3	2	3	many	4	2	Susc
175781	Turkey	USDA J. R. Harlan No. 6196	c h P R U Wt Y	2	Erect	5	2	R	3.25	1	4	3	2	many	4	3	Susc
176635	Turkey	USDA J. R. Harlan No. 9573	C h P R U Wt Y	3	Inter	4	3	C	3.0	3	2	2	3	3-4	1	3	Susc
177008	Turkey	USDA J. R. Harlan No. 5889	C h P R U Wt Y	3	Inter	4	2	R	2.5	1	1	4	2	many	2	2	Susc
177010	Turkey	USDA J. R. Harlan No. 9337	C h P R U Wt Y	3	Erect	4	3	C	2.5	1	2	4	2	4-many	2	3	Susc
179362	Turkey	USDA J. R. Harlan No. 4530 'Turfan'	C h P R U Wt Y	3	Inter	4	2	R	2.5	1	2	4	4	many	4	4	Susc

TABLE 8a.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters									
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Disease Reaction	
							Amt.	Type								Alter- naria	Mosaic
a. Named and presumed varieties																	
179364	Turkey	USDA J. R. Harlan No. 4544	ChPRUWtY	2	Inter	4	2	C	2.5	1	2	2	3	many	4	3	Susc
179365	Turkey	USDA J. R. Harlan No. 5026	ChPRUWtY	3	Inter	4	2	R	3.25	1	1	5	1	many	4	2	Susc
180301	India	USDA W. Koelz No. 10925	ChPRUwtY	2	Inter	4	2	C	2.5	1	1	2	2	3-many	2	3	Susc
181777	Lebanon	USDA J. R. Harlan No. 9898	ChPRUWtY	2	Inter	4	2	R	3.25	1	2	5	4	many	4	4	Susc
181778	Lebanon	USDA J. R. Harlan No. 9975	ChPRUwtY	2	Erect	4	2	C	3.25	1	3	2	3	many	4	3	Susc
182234	Turkey	USDA J. R. Harlan No. 10503	ChPRUwtY	2	Erect	4	2	R	3.0	1	4	4	3	many	4	2	Susc
182235	Turkey	USDA J. R. Harlan No. 10585	ChPRUwtY	2	Inter	4	3	R	3.0	1	2	3	3	many	4	3	Susc
183692	Turkey	Harlan No. 10706 'Scarletawen'	ChPRUwtY	1	Inter	4	3	C	2.5	3	5	2	2	—	1	3	Susc
183693	Turkey	Harlan No. 10707 'Stokesdale'	ChPRUWtY	2	Inter	4	3	R	2.5	1	4	2	2	4-many	1	3	Susc
183932	India	USDA W. Koelz No. 11599	ChPRUwtY	2	Inter	4	2	C	2.75	1	4	4	2	many	4	2	Susc
188565	Italy	Buzzati-Traverso, 'Pancraz. Raz.' 15	ChPRUWtY	1	Inter	2	5	C	2.0	1	2	3	2	4-many	4	4	Susc
188566	Italy	Buz.-Trav.-'Pilastro Raz. 37/22	ChPRUWtY	2	Inter	3	2-2	C-R	2.0	1	2	3	2	many	4	4	Susc
188567	Italy	Buz.-Trav., 'Prostero Raz'. 21	ChPRUWtY	2	Inter	3	2-2	C-R	2.0	1	3	3	2	many	4	4	Susc
188568	Italy	Buz.-Trav.-'Razza' 3. P.	ChPRUWtY	2	Inter	3	2-2	C-R	2.25	1	3	3	3	many	4	4	Susc
188569	Italy	Buz.-Trav.-'Razza' 23/7	ChPRUWtY	2	Inter	3	3-3	C-R	2.0	1	3	3	3	3-many	4	5	Susc
188570	Italy	Buz.-Trav.-'Razza 28/5'	ChPRUWtY	2	Inter	3	2-2	C-R	2.25	1	3	3	2	2-many	4	4	Susc
188571	Italy	Buz.-Trav.-'Razza 39'	ChPRUWtY	2	Inter	3	2-2	C-R	2.25	1	3	3	2	many	4	4	Susc
190858	Argentina	'Rey de los Tempranos'	ChPRUwtY	2	Inter	3	1	—	2.25	1	5	1	5	many	5	5	Susc
190859	Argentina	Holmes, Roc. Inst. Med. Res.	ChPRUWtY	3	Erect	3	2-2	C-R	3.5	1	3	5	2	many	2	4	Susc
193357	Australia	NSW 'Tatinter'	ChPRUwtY	2	Erect	3	3-3	R	3.0	1	4	3	4	many	4	5	Susc
193415	Ohio A.E.S.	'Pannorange E160A'	ChPRUwtY	3	Inter	3	2-2	C	3.25	1	1	3	4	many	1	—	—
193555	Ethiopia	Archer No. 8492 'Bonny Best'	ChPRUWtY	1	Inter	2	3-3	C-R	1.75	1	3	2	3	2-many	2	4	Susc
193556	Ethiopia	Archer No. 8531 'Paradeiser'	ChPRUWtY	2	Inter	3	3-3	C-R	2.25	3	2	5	2	4-many	2	3	Susc
194060	France	'Marmande'	ChPRUWtY	2	Inter	3	2-2	C-R	2.25	1	3	3	3	3	4	5	Susc
194061	France	'Merveille des Marches'	ChPRUWtY	2	Inter	3	2-2	C-R	2.25	1	3	3	2	many	4	3	Susc
194561	Argentina	'Mormon 50-Day'	ChPRUWtY	2	Inter	2	3-3	C	3.0	1	2	4	2	5-many	4	—	Susc
194884	Argentina	Mrs. Winfield, New York	ChPRUWtY	2	Inter	3	3-3	C-R	2.5	1	2	3	3	many	2	4	Susc
196481	Brazil	M. L. Owen, Mato Grosso No. 11	ChPRUWtY	2	Inter	3	3-3	C-R	2.25	1	3	3	3	many	2	4	Susc
196868	Ethiopia	USDA W. A. Archer No. 10064	ChPRUWtY	3	Inter	3	2-2	C-R	2.25	3	3	3	4	3-many	2	3	Susc
199016	Oklahoma	M. Hardin, 'Juan Peron'	ChPRUWtY	3	Inter	3	2-2	C-R	2.25	1	3	3	4	many	2	3	Susc
199017	Oklahoma	M. Hardin, 'Plains Tree'	ChPRUWtY	2	Inter	3	3-3	C-R	1.5	1	3	3	3	many	2	4	Susc
199018	Oklahoma	M. Hardin, 'Sooner'	ChPRUWtY	1	Inter	3	4-4	C-R	2.25	1	3	2	3	many	4	4	Susc
199236	Florida	'Coopers' Special'	ChPRUWtY	3	Inter	3	5-5	C-R	2.75	1	3	4	4	many	4	4	Susc
199237	England	Kerr, Ont. 'Sterling Castle'	ChPRUWtY	2	Inter	3	2-2	C-R	2.25	1	4	3	3	many	2	4	Susc
201267	Mexico	O. W. Norvell No. 3276	ChPRUWtY	2	Inter	2	2-2	C-R	2.25	1	2	3	4	5-many	2	—	Susc
201773	Canada	'Earlinorth' (Kemp Sel L3700)	ChPRUWtY	2	Inter	3	3-3	C-R	1.75	3	4	2	3	many	2	2	Susc
201774	Oklahoma	M. Hardin 'Jointless No. 70'	ChPUWtY	2	Inter	3	3-3	C	2.5	1	3	4	3	many	2	4	Susc
201775	Puerto Rico	'Petriillo' (A. T. Erwin)	ChPUWtY	5	Inter	3	5-5	C-R	2.0-4.0	1	5	3	3	many	5	—	—
203229	Australia	NSW 'Manzana'	ChPRUWtY	2	Inter	2	2-2	C-R	2.0	1	2	5	4	5-many	2	—	Susc
203230	Australia	NSW 'Rey de los Tempranos'	ChPRUWtY	2	Inter	2	5-5	C-R	1.5	1	3	3	3	5-many	4	—	—

TABLE 8a.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosac		
							Amt.	Type											
a. Named and presumed varieties																			
203231	Australia	NSW H. E. S. 3963	C h P R u Wt Y	2	Prostr	2	2-2	C-R	1.75	1	3	4	2	2-3	1	—	—		
204989	W. Va. No. 172-1	1 plant of PI 119777	C h P R U Wt Y	2	Inter	2	3-3	C-R	2.0	1	2	3	3	2-many	2	—	Susc		
205008	W. Va. No. 731-1	1 plant Walter & Conover 25-1 PAsTW F4	C h P R U Wt Y	2	Inter	2	2-2	C-R	2.0	1	3	3	3	3-many	2	—	Susc		
205028	W. Va. No. 889-1	1 plant W&C 37-1PAsTW	C h P R U Wt Y	2	Inter	2	1	—	3.0	1	3	3	2	5-many	2	—	Susc		
205029	W. Va. No. 889-2	1 plant W&C 37-1PAsTW	C h P R U Wt Y	2	Inter	2	1	—	2.5-3.0	1	3	3	2	5-many	2	—	Susc		
205030	W. Va. No. 890-1	1 plant W&C 38-5 PAsTW	C h P R U Wt Y	2	Inter	2	1	—	2.5-3.0	1	3	3	3	5-many	2	—	Susc		
205040	Ohio A.E.S.	'Yellow Peach'	C h p r u Wt y	5	Erect	2	—	—	1.75	3	1	5	2	2-3	1	—	—		
205481	Costa Rica	N. F. Thomas	C h P R U Wt Y	2	Inter	2	4-4	C-R	2.0	1	3	3	3	5-many	2	—	Susc		
205641	Italy	St. Dept. 'Genovese'	C h P R U Wt Y	2	Inter	2	5-5	C-R	3.0	1	3	4	4	5-many	5	—	Susc		
205642	Italy	St. Dept. 'Ladino di Pannocchia'	C h P R U Wt Y	2	Inter	2	3	C-R	2.0	1	3	3	2	5-many	4	—	Susc		
206151	India	'Pavili' For. Res. Inst.	C h P R U Wt Yy	3	Inter	3	5-3	C-R	2.5	1	1	3	3	4-many	2	3	Susc		
209974	Puerto Rico	'Peron'	C h P R U Wt Y	3	Inter	3	5	C	3.0	1	2	2	3	many	2	3	Susc		
212017	Iran	U. S. Embassy, Tehran	C h P R U Wt Y	3	Inter	3	—	—	2.75	1	1	3	3	many	4	1-5	Susc		
212018	Iran	U. S. Embassy, Tehran	C h p R U Wt Yy	3	Inter	3	3-2	C-R	3.0	1	1	3	3	many	4	3	Susc		
212103	Afghanistan	USDA H. S. Gentry	C h P R U Wt Yy	3	Inter	3	5-5	C-R	3.0	1	2	3	3	many	4	3	Susc		
212412	North Dakota	'Cavalier'	C h P R u wt Y	1	Inter	3	1	—	3.0	2	5	1	3	many	1	—	—		
212413	North Dakota	'Doublerich'	C h P R u wt Y	3	Inter	3	1	—	2.0	2	5	1	3	4-many	1	—	—		
212414	New Jersey	'Campbell Soup 119'	C h P R U Wt Y	5	Inter	5	2	R	2.5	2	4	3	3	5-many	1	—	—		
212415	New Jersey	'Campbell Soup 54'	C h P R U Wt Y	5	Inter	5	3	C	3.0	2	4	3	4	5-many	1	—	—		
213186	Greece	Sel. T-28 'Bonny Best'	C h p R U Wt Y	3	Inter	3	5-5	C-R	2.75	1	2	2	3	3-many	4	3	Susc		
213187	Greece	Sel. T-51	C h P R U Wt Y	3	Inter	3	5-2	C-R	3.0	1	3	3	3	many	4	4	Susc		
213188	Greece	Sel. T-62 'Scarlet Globe'	C h p R U Wt Y	3	Inter	3	5-2	C-R	2.75	1	3	3	3	3-many	4	4	Susc		
213189	Greece	Sel. T-1385	C h p R U Wt Y	1	Inter	3	2-2	C-R	2.0	1	3	1	3	many	2	5	Susc		
220864	England	'English Sutton'	C h P R U Wt Y	3	Inter	3	2-2	C-R	2.5-2.75	1	3	3	3	many	2	4	Susc		
223305	Rhode Island	'Devons Surprise' x 'Marglobe'	C h P R u Wt Y	3	Inter	3	1-1	C-R	2.5-2.75	1	3	4	2	many	4	4	Susc		
223307	Rhode Island	'Campbell Soup 222'	C h P R U Wt Y	3	Inter	3	3-3	C-R	2.5-3.0	1	3	3	3	many	4	5	Susc		
223308	Rhode Island	'Burgess Crack Proof'	C h P R U Wt Y	2	Inter	3	1-2	C-R	2.5-3.0	1	3	4	3	many	4	4	Susc		
223310	Rhode Island	P723 x 'Valiant'	C h P R U Wt Y	3	Inter	4	2-2	C-R	2.5-3.0	1	4	3	3	many	2	4	Susc		
223311	Rhode Island	P723 x 'Valiant'	C h P R u Wt Y	3	Inter	4	1-1	C-R	2.0-2.5	3	4	3	3	3-many	2	4	Susc		
223312	Rhode Island	CS 222 x 'John Baer'	C h P R U Wt Y	2	Inter	3	2-2	C-R	2.5-3.0	1	3	5	3	many	4	3	Susc		
223315	Rhode Island		C h P R u Wt y	3	Inter	3	1-3	C-R	3.0-3.5	1	3	4	3	many	4	5	Susc		
231729	Hawaii	HES 4313	C h P R u Wt Y	3	Inter	3	5-1	C-R	2.0-3.25	1	3	1	3	4-many	2	5	Susc		
234625	Australia	'Grosse Lisse'	C h P R U Wt Y	3	Inter	3	2-5	C-R	2.5-3.5	3	4	4	3	5-many	1	4	Susc		
234626	Australia	'Grosse Lisse'	C h P R U Wt Y	3	Inter	3	1-5	C-R	2.0-3.5	3	3	3	3	5-many	1	3	Susc		
234627	Australia	'Tatura Dwarf Globe'	C h P R U Wt Y	1	Erect	1	5-2	C-R	1.5-3.5	1	4	2	3	2-5	1	5	Susc		
237131	Italy	'Ficarazzi'	C h P R U Wt Y	3	Prostr	2	3-1	C-R	2.0-3.5	1	4	2	3	5-many	5	5	Susc		
237132	Italy	'Genovese'	C h P R U Wt Y	4	Inter	2	2-3	C-R	1.5-3.0	1	4	2	1	5-many	3	3	Susc		
237133	Italy	'Ladino Di Pannocchia'	C h P R U Wt Y	4	Inter	3	2-2	C-R	2.0-3.5	1	4	3	3	many	5	4	Susc		
237134	Italy	'Nostrano Grosso'	C h P R U Wt Y	5	Erect	2	1-2	C-R	2.5-3.5	1	3	4	2	5-many	4	2	Susc		
237135	Italy	'Perdrigeon'	C h P R U Wt Y	2	Inter	2	1-2	C-R	2.0-3.5	1	3	3	5	3-many	2	5	Susc		
237136	Italy	'Pierrette'	C h P R U Wt Y	2	Inter	2	2-5	C-R	2.5-3.5	1	3	3	3	5-many	2	5	Susc		
237137	Italy	'San Marzano'	C h p R U Wt Y	4	Inter	3	1-1	C-R	1-1.5 x 3.5	4,5	4	3	3	2	2	4	Susc		
257503	U.S.S.R.	'Aurora'	C h P R U Wt Y	4	Ind Inter	3	3-3	C-R	2.5-3.5	1	3	4	4	4-many	2	4	Susc		
258481	Peru	Rick L. A 405	C h P R U Wt Y	4	Ind Inter	4	3-3	C-R	2.0-3.0	2	3	4	1	2-many	2	5	Susc		
258484	Peru	Rick L. A 457-6	C h P R U Wt Y	3	Ind Inter	3	5-1	C-R	1.5-2.5	1	3	2	4	3-many	4	3	Susc		

TABLE 8a.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters									
				Vine Size	Growth and Habit	Leaflet Size	Cracking		Size Inches	Shape	Set	Maturity	Intensity Flesh Color	Number Locules	Fasciation	Disease Reaction	
							Amt.	Type								Alter- naria	Mosaic
a. Named and presumed varieties																	
258485	Peru	Rick LA 472	C h P R U Wt Y	4	Ind Inter	3	2-3	C-R	3.0-4.0	1	2	3	3	many	5	3	Susc
258487	Peru	Rick LA 477	C h P R U Wt Y	4	Ind Inter	4	2-5	C-R	2.0-3.0	1	3	3	2	3- many	2	3	Susc
258808	Romania	'Aurora' (See P.l. 257503)															
258809	Romania	'De Tiganesti'	C h P R U Wt Y	3	Ind Inter	3	2-3	C-R	2.0-3.0	1	3	4	4	4-many	2	4	Susc
258810	Romania	'Linia 71'	C h P R U Wt Y	4	Ind Inter	4	3-2	C-R	1.5-3.0	1	3	3	1	4-5	2	4	Susc
258811	Romania	'Master Carnosa'	C h P R U Wt Y	4	Ind Inter	3	2-2	C-R	2.5-3.5	2	3	4	3	4-many	2	3	Susc
258812	Romania	'Selectiunea Falticeni'	C h P R U Wt Y	4	Ind Inter	3	2-2	C-R	2.0-3.0	1	3	4	1	3-5	2	3	Susc
260395	Argentina	'Magnit Potente'	C h P R U Wt Y	4	Ind Inter	4	3-2	C-R	2.5-3.5	1	3	3	2	many	2	2	Susc
261619	Spain	USDA E. Davis 'Redondo Lisa'	C h P R U Wt Y	4	Ind Inter	4	2-2	C-R	2.0-3.0	1	3	3	3	4-many	3	3	Susc
261785	France	USDA E. Davis 'Fournaise F ₁ '	C h P R U Wt Y	3	Ind Inter	3	2-2	C-R	2.0-3.0	1	3	1	1	3-many	2	4	Susc
262162	Switzerland	(For use under glass)	C h P R u Wt Y	1	Det Inter	3	2-2	C-R	2.0-3.0	2	5	1	3	many	1	5	Susc
262174	Germany	USDA E. Davis D-179	C h P R U Wt Y	4	Ind Inter	3	2-1	C-R	2.0-2.5	2	4	1	2	2	1	4	Susc
262906	Spain	USDA E. Davis 'La Rochapes'	C h P R U Wt y	4	Ind Inter	3	2-3	C-R	3.0-4.0	1	1	5	1	many	3	3	Susc
262907	Spain	USDA E. Davis 'Estonors'	C h P R u Wt Y	3	Ind Inter	3	5-1	C-R	2.0-2.5	2	5	3	3	2	1	5	Susc
262908	Spain	USDA E. Davis 'Palo Santo'	C h P R U Wt Y	3	Ind Inter	3	5-3	C-R	2.5-3.0	2	3	3	2	3-5	1	4	Susc
262910	Spain	USDA E. Davis 'San Marzano'	C h P R U Wt Y	3	Ind Inter	3	1-1	C-R	1.0-1.5x2.5	4	4	2	3	2	1	4	Susc
262931	U.S.S.R.	'Belorussky 225'	C h P R U Wt Y	3	Det Inter	3	3-2	C-R	2.0-2.5	1	5	2	4	4-many	2	5	Susc
262932	U.S.S.R.	'Shtambovy Karlik 1185'	C h P R U Wt Y	1	Det Inter	3	3-3	C-R	2.0-2.5	1	4	1	1	2-5	2	5	Susc
262934	U.S.S.R.	'Malinka 101'	C h P R U Wt Y	2	Det Inter	2	1-1	C-R	1.0-1.5	3	5	1	2	2	1	5	Susc
262935	U.S.S.R.	'Biisky Zhelty'	C h P r U Wt Y	3	Ind Inter	3	5-5	C-R	2.5-3.5	1	3	3	3	many	3	4	Susc
262937	U.S.S.R.	'Shtambovy Kartofelno listny No. 1648'	C h P R U Wt y	2	Ind Erect	4	3-3	C-R	2.5-3.0	1	3	3	5	many	3	3	Susc
262938	U.S.S.R.	'Kiselevsky'	C h P R U Wt Y	3	Ind Inter	2	5-3	C-R	2.5-3.0	1	3	1	4	many	3	3	Susc
262939	U.S.S.R.	'Talalikhin No. 186'	C h P R U Wt Y	2	Det Inter	2	2-2	C-R	2.5-3.0	1	4	1	2	many	3	5	Susc
262940	U.S.S.R.	'Korneevsky'	C h P R U Wt y	3	Ind Inter	2	5-3	C-R	2.5-3.0	1	3	3	4	many	4	5	Susc
262991	Netherlands	USDA E. Davis 'Excelsior'	C h P R U Wt Y	3	Ind Inter	3	3-2	C-R	2.0-2.5	2	3	1	1	2-4	1	4	Susc
262992	Netherlands	USDA E. Davis 'Tuckwood'	C h P R U Wt Y	3	Ind Inter	3	3-2	C-R	2.0-2.5	2	2	1	4	2-4	1	4	Susc
262993	Netherlands	USDA E. Davis 'Number Ten'	C h P R U Wt Y	4	Ind Inter	3	3-2	C-R	1.5-2.5	2	3	3	4	2-3	1	4	Susc
262994	Netherlands	USDA E. Davis 'Glory'	C h P R U Wt Y	3	Ind Inter	3	3-2	C-R	2.0-2.5	2	3	4	2	2-3	1	3	Susc
262995	Netherlands	USDA E. Davis 'Ailsa Craig'	C h P R U Wt Y	4	Ind Inter	2	5-2	C-R	2.0-2.5	2	3	3	1	2-3	1	3	Susc
262996	Netherlands	USDA E. Davis 'Money-maker'	C h P R u Wt Y	3	Ind Inter	3	3-2	C-R	2.0-2.5	2	3	2	4	2	1	3	Susc
262997	Netherlands	'Ronald F' E. Davis	C h P R u Wt Y	3	Ind Inter	3	3-2	C-R	2.0-2.5	2	3	2	5	2-4	1	3	Susc
262998	Netherlands	'Pools glas' E. Davis	C h P R U Wt Y	3	Ind Inter	3	3-2	C-R	2.0-2.5	2	3	1	3	2-4	2	3	Susc
262999	Netherlands	'Pride Selection B'	C h P R U Wt Y	4	Ind Inter	3	4-2	C-R	1.5-2.5	2	3	3	1	2	1	3	Susc
263000	Netherlands	'Pride Selection C'	C h P R U Wt Y	3	Ind Inter	3	4-2	C-R	1.5-2.5	2	3	3	5	2	1	3	Susc
270171	Michigan	Baltimore'	C h P R U Wt Y	3	Inter	3	2-2	C-R	2.0-3.0	1	3	2	3	many	2		
270172	Ohio	'Bonny Best'	C h P R U Wt Y	2	Inter	3	3-3	C-R	2.0-2.5	1	3	3	4	many	1		
270173	Ohio	'Bounty'	C h P R u Wt Y	2	Inter	3	3-3	C-R	3.0-3.5	1	3	3	4	many	1		
270174	Michigan	'Break O'Day'	C h P R U Wt Y	3	Inter	3	2-2	C-R	2.5-3.0	1	3	3	3	many	1		
270175	Michigan	'Cardinal'	C h P R U Wt Y	3	Inter	3	2-2	C-R	2.5-2.75	1	2	3	3	many	1		
270176	Canada	'Cobourg'	C h P R U Wt Y	4	Inter	3	3-3	C-R	2.5-3.5	1	2	3	4	many	2	3	Susc
270177	New York	'Comet'	C h P R U Wt Y	2	Inter	3	3-3	C-R	2.5	1	3	3	3	2-3	2		
270178	Ohio	'Coopers Special'	C h P R U Wt y	3	Inter	3	3-3	C-R	2.0-3.5	1	3	4	3	many	1		
270179	Michigan	'Crack Proof Pink'	C h P R U Wt y	3	Inter	3	1-2	C-R	2.5-3.0	1	3	3	3	many	1		
270180	Ohio	'Dwarf Champion'	C h P R U Wt y	1	Erect	4	2-2	C-R	2.5-3.0	2	3	5	3	5-many	1	3	Susc
270181	Ohio	'Earlina Penn'	C h P R U Wt Y	2	Inter	3	5-3	C-R	2.5-3.0	1	4	2	3	many	2		

TABLE 8a.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Disease Reaction	
							Amt.	Type								Alter- naria	Mosaic
a. Named and presumed varieties																	
270182	Connecticut	'Early Red'	ChPRUWtY	3	Inter	3	1-5	C-R	2.5-3.0	1	3	2	3	many	1		
270183	Michigan	'Firesteel'	ChPRUWtY	3	Inter	3	3-3	C-R	2.5-3.0	1	3	2	3	many	2		
270184	New Jersey	'Garden State'	ChPRUWtY	3	Inter	3	1-3	C-R	3.0-3.5	1	2	2	3	many	2		
270185	Ohio	'Globe, Assoc.'	ChPRUWtY	3	Inter	3	2-3	C-R	2.5-3.0	1	3	3	3	many	1		
270186	Ohio	'Globe, Livingston'	ChPRUWtY	3	Inter	3	3-3	C-R	2.5-3.0	1	3	3	3	many	1		
270187	Ohio	'Globe, Strain A'	ChPRUWtY	3	Inter	3	3-3	C-R	2.0-3.0	1	3	3	3	many	1		
270188	Ohio	'Globelle'	ChPRUWtY	3	Inter	3	2-2	C-R	2.0-3.0	1	3	3	3	many	1		
270189	Connecticut	'Growthens Globe'	ChPRUWtY	2	Inter	3	3-3	C-R	2.5-3.0	1	3	4	3	many	1		
270190	Connecticut	'Gulf St. Market'	ChPRUWtY	3	Inter	3	2-2	C-R	2.5-3.75	1	3	3	3	many	1		
270191	Illinois	'Ind.-Baltimore'	ChPRUWtY	3	Inter	3	2-2	C-R	2.5-3.25	1	2	4	3	many	1	3	Susc
270192	Michigan	'John Baer'	ChPRUWtY	2	Inter	3	5-5	C-R	2.0-2.5	1	4	2	3	many	2		
270193	New Jersey	'J. T. Dorrance'	ChPRUWtY	3	Inter	3	2-2	C-R	2.5-3.5	1	3	3	3	many	1		
270194	Michigan	'June Pink'	ChPRUWtY	2	Inter	3	3-2	C-R	3.0-3.5	1	3	1	3	many	1		
270195	Michigan	'Long Red'	ChPRUWtY	3	Inter	3	3-3	C-R	2.5-3.0	1	4	2	2	many	1		
270196	Michigan	'Louisiana Pink'	ChPRUWtY	2	Inter	3											
270197	Louisiana	'Louisiana Red'	ChPRUWtY	3	Inter	3	5-3	C-R	2.5-3.0	1	3	3	3	many	1		
270198	Ohio	'Marglobe'	ChPRUWtY	2	Inter	3	5-3	C-R	2.75-3.0	1	2	4	3	many	1		
270199	Michigan	'Michigan St. For.'	ChPRUWtY	1-3	Inter	3	3-2	C-R	2.5-2.75	1-3	3	4	3	many	1		
270200	Michigan	'Morse's 498'	ChPRUWtY	1	Inter	3	5-3	C-R	2.5-2.75	1	1	3	3	many	2		
270201	Ohio	'New Stone'	ChPRUWtY	3	Inter	3	3-3	C-R	3.0	1	2	5	3	many	2		
270202	Michigan	'Oxheart'	ChPRUWtY	3	Inter	3	2-2	C-R	3.0-4.5	2	2	4	3	many	1		
270203	Connecticut	'Pan America'	ChPRUWtY	1	Inter	3	2-2	C-R	1.5-3.0	1	2	4	3	many	1		
270204	Michigan	'Pearson'	ChPRUWtY	3	Inter	3	2-2	C-R	3.0-3.5	1	3	4	3	many	2		
270205	Michigan	'Pennheart'	ChPRUWtY	3	Inter	3	3-3	C-R	2.5-3.25	1	3	3	3	many	2		
270206	Ohio	'Panderosa'	ChPRUWtY	3	Inter	3	3-5	C-R	3.0-4.0	1	1	4	3	many	3		
270207	Ohio	'Pritchard'	ChPRUWtY	3	Inter	3	1-5	C-R	2.0-2.5	1	3	3	3	many	2		
270208	Michigan	'Queens'	ChPRUWtY	3	Inter	3	5-5	C-R	2.5-3.5	1	3	3	4	many	2		
270209	New Jersey	'Rutgers'	ChPRUWtY	3	Inter	3	3-3	C-R	2.5-3.0	1	3	4	3	many	1		
270210	Connecticut	'Sioux'	ChPRUWtY	2	Inter	3	3-3	C-R	2.0-2.5	1	3	2	3	many	1		
270211	New Jersey	'Stokesdale'	ChPRUWtY	3	Inter	3	2-3	C-R	2.0-3.0	1	3	3	3	many	1		
270212	New York	'Valiant'	ChPRUWtY	2	Inter	3	3-5	C-R	2.0-2.75	1	3	3	3	many	1		
270213	Michigan	'Victor'	ChPRUWtY	1	Det Inter	3	3-3	C-R	2.5-3.0	1	3	3	2	many	1		
270214	Oklahoma	'Angora'	ChPRUWtY	5	Inter	2	1-2	C-R	1.5-2.5	2,1	3	3	3	2-4	2	2	Susc
270215	S. Carolina	'Baby Lea'	ChPRUWtY	3	Inter	1	3-3	C-R	1.5-3.0	2	4	2	2	3-5	1	5	Susc
270216	Michigan	'Bison'	ChPRUWtY	1	Inter	1	2-2	C-R	2.0-3.0	1	4	4	3	many	3	4	Susc
270217	Illinois	'Blackhawk'	ChPRUWtY	4	Inter	4	1-2	C-R	3.0-3.5	1	2	5	3	5-many	2	3	Susc
270218	Michigan	'Burgess Crack Proof'	ChPRUWtY	3	Erect	3	2-3	C-R	2.5-3.5	1	3	5	3	4-many	2	3	Susc
270219	Canada	'Camdown'	ChPRUWtY	4	Inter	3	3-3	C-R	2.0-3.5	1,2	2	3	4	4-many	2	3	Susc
270220	S. Carolina	'Dwarf Recessive'	ChPRUWtY	1	Erect	5	2-2	C-R	1.0-2.0	3	1	5	2	many	3	2	Susc
270221	Illinois	'Early Baltimore'	ChPRUWtY	3	Inter	3	2-3	C-R	1.5-2.5	2,3	4	3	3	5-many	1,2	5	Susc
270222	Illinois	'Early Canner'	ChPRUWtY	5	Inter	3	1-3	C-R	2.5-3.5	3	4	3	2-3	5-many	1,2	4	Susc
270223	California	'Early Hybrid Giant'	ChPRUWtY	5	Inter	3	3-2	C-R	2.0-4.0	2	4	4	3	3-many	1,2	4	Susc
270224	California	'Early Hycross'	ChPRUWtY	4	Inter	3	2-3	C-R	2.0-3.5	2	4	3	3	5-many	1	4	Susc
270225	California	'Early Prolific'	ChPRUWtY	5	Inter	3	5-3	C-R	2.0-3.5	2	3	4	4	5-many	1,2	3	Susc
270226	Michigan	'Early Santa Clara'	ChPRUWtY	5	Erect	4	3-2	C-R	3.0-3.5	1	2	5	2	many	4	3	Susc
270227	S. Carolina	'Extreme Dwarf Det'	ChPRUWtY	1	Erect	4	3-2	C-R	1.5-2.0	2	4	2	3	5-many	2	5	Susc
270228	New York	'Fireball'	ChPRUWtY	1	Erect	2	2-2	C-R	1.5-3.0	2	4	1	4	5-many	1	5	Susc
270229	California	'Giant King Hybrid'	ChPRUWtY	4	Inter	3	3-1	C-R	2.5-3.5		4	5	4	many	2	4	Susc
270230	Texas	'Golden Sphere'	ChPRUWtY	4	Inter	4	2-2	C-R	2.5-3.0	2,3	3	4	3	5-many	1	4	Susc
270231	Canada	'Harkness'	ChPRUWtY	3	Erect	3	3-2	C-R	2.0-3.0	2	3	3	4	3-5	1	3	Susc

TABLE 8a.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters							Disease Reaction		
				Vine Size	Growth and Habit	Leaf- let Size	Cracking Amt.	Type	Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
a. Named and presumed varieties																	
270232	Missouri	'Homestead'	ChPRUWtY	5	Erect	4	3-3	C-R	2.5-3.5	3	3	5	4	4-many	1,2	3	Susc
270233	Canada	'Imp. Wasatch Beauty'	CHhPRUuWtY	3	Inter	3	3-3	C-R	2.0-3.5	2	4	5	4	5-many	2	4	Susc
270234	Utah	'Loran Blood'	ChPRUWtY	4	Inter	2	5-4	C-R	2.0-3.5	1	3	3	4	many	2	4	Susc
270235	Florida	'Manahill'	ChPRUwtY	3	Erect	3	4-4	C-R	3.0-3.5	2,1	3	5	3	many	2	2	Susc
270236	Ohio	'Manalucie'	ChPRUWtY	4	Inter	4	2-2	C-R	2.5-3.5	2,3	2	5	3	5-many	3	4	Susc
270237	Florida	'Manasota'	ChPRUWtY	3	Prostr	2	5-5	C-R	2.5-3.5	1	2	4	3	5-many	2	5	Susc
270238	S. Carolina	'Norduke'	ChPRUWtY	5	Inter	3	1-1	C-R	1.0-2.0	2,3	4	4	1	2-many	2	2	Susc
270239	Ohio	'Ohio W-R Brookston'	ChPRUWtY	5	Inter	4	5-5	C-R	3.0-3.5	1	4	5	4	5-many	2	3	Susc
270240	Canada	'Pennred'	ChPRUWtY	4	Inter	3	1-2	C-R	2.5-3.5	1	3	5	3	5-many	2	4	Susc
270241	Maryland	'Pinkshipper'	ChPRUWtY	3	Erect	3	1-2	C-R	2.5-3.0	2	3	5	3	5-many	1	3	Susc
270242	Illinois	'Prairiana'	ChPRUWtY	3	Inter	3	3-5	C-R	2.0-3.0	1	3	3	4	4-many	1	4	Susc
270243	Maryland	'Roma'	ChPRUWtY	3	Inter	3	1-1	C-R	1.0-1.5x2-3	5	5	4	3	2	1	4	Susc
270244	Missouri	'Southland'	ChPRUWtY	4	Inter	3	2-3	C-R	2.5-3.0	3	3	5	3	4-many	1	4	Susc
270245	Canada	'Potentate'	ChPRUWtY	3	Inter	3	4-2	C-R	2.0-2.5	2	3	4	4	4-many	1	3	Susc
270246	S. Carolina	'Stemless Penn Orange'	ChPrUwtY	3	Erect	3	2-2	C-R	2.5-3.5	1	2	5	3	many	2	4	Susc
270247	Canada	'Sterling Castle'	ChPRUWtY	3	Inter	3	2-3	C-R	2.0-2.5	2	2	5	2	4-5	1	2	Susc
270248	S. Carolina	'Sugar'	CHPRUWtY	2	Inter	1	1-1	C-R	0.62	2	4	2	3	2	1	5	Susc
270249	Maryland	'Sunray'	ChPrUWtY	4	Inter	3	3-2	C-R	2.5-3.5	3	3	5	3	many	2	3	Susc
270250	Texas	'Texto 2'	ChPRUwtY	3	Erect	4	5-3	C-R	2.5-3.0	3,1	4	5	3	3-5	2	3	Susc
270251	Missouri	'Urbana'	ChPRUWtY	1	Erect	3	2-2	C-R	2.5-3.0	3	3	4	4	3-many	2	3	Susc
270252	Canada	'V-121'	ChPRUWtY	2	Inter	2	1-2	C-R	1.5-2.5	1	3	4	3	3	1	4	Susc
270253	Canada	'Vagabond'	ChPRUWtY	4	Inter	2	3-2	C-R	2.0-3.0	2	3	4	3	3-many	2	5	Susc
270254	Canada	'Veto Mold'	ChPRUWtY	3	Inter	4	1-2	C-R	1.5-2.5	1	3	5	3	3-4	1	3	Susc
270255	Canada	'Vulcan'	ChPRUWtY	3	Inter	2	2-1	C-R	2.0-3.0	2	3	3	3	3-many	1	3	Susc
270256	Michigan	'White Beauty'	ChPrUwtY	3	Erect	3	1-1	C-R	2.5-3.0	1	3	5	2	many	3	2	Susc
270257	S. Carolina	'W. Flowered Marglobe'	ChPRUWtY	3	Inter	2	2-2	C-R	1.5-3.0	3	3	4	3	5-many	1	3	Susc
270258	Wisconsin	'Budzien'	ChPRUWtY	4	Inter	3	3-3	C-R	2.5-3.5	2	3	5	1	5	1	2	Susc
270259	Michigan	'Burgess Early Wonder'	ChPRUWtY	3	Inter	2	2-1	C-R	3.0-3.5	2	4	3	2	5-many	2	5	Susc
270260	Michigan	'Burgess Lemon'	ChPrUWtY	3	Inter	3	2-1	C-R	2.5-3.0	2	3	3	2	5-many	1	2	Susc
270261	Michigan	'B. Mammoth Wonder'	ChPRUWtY	3	Inter	3	2-2	C-R	3.5-4.0	1	3	3	2	5-many	2	3	Susc
270262	Maryland	'Chesapeake'	ChPRUWtY	1	Inter	3	2-2	C-R	2.5-3.0	1	3	5	3	5-many	2	3	Susc
270263	Ohio	'Chicago' No. 1	ChPRUWtY	2	Inter	3	3-3	C-R	2.5-3.0	1	3	5	4	5-many	2	3	Susc
270264	New York	Cor. Crk. Res. 55-512	ChPRUWtY	3	Inter	3	2-2	C-R	2.5-3.5	1	3	3	3	5-many	1	5	Susc
270265	New York	Cor. Crk. Res. 55-539	ChPRUWtY	3	Inter	3	1-1	C-R	2.5-3.0	2	3	3	3	3-many	1	3	Susc
270266	New York	Cor. Crk. Res. 55-542	ChPRUWtY	3	Inter	3	2-2	C-R	2.5-3.5	2	1	3	2	5-many	1	3	Susc
270267	New York	Cor. Crk. Res. 55-548-2	ChPRUWtY	3	Inter	3	3-3	C-R	2.0-3.5	1	3	3	3	5-many	1	3	Susc
270268	New York	Cor. Crk. Res. 55-549-2	ChPRUWtY	3	Inter	3	2-2	C-R	2.5-3.5	1	4	3	3	5-many	1	3	Susc
270269	Ohio	'Early Scarlet'	ChPRUWtY	1	Inter	1	1-3	C-R	2.0-2.5	2	3	1	4	5-many	1	5	Susc
270270	New York	'Gem'	ChPRUWtY	1	Inter	3	3-3	C-R	2.0	2	1	3	2	3-4	1	5	Susc
270271	S. Carolina	'German Sugar T&5M'	CHPRUWtY	5	Prostr	3	1-1	C-R	1.0	2	3	3	4	2	1	3	Susc
270272	Ohio	'Gold Dust Crk. Proof'	ChPRUWtY	3	Inter	3	2-1	C-R	2.0-2.5	2	3	3	3	2-5	1	3	Susc
270273	Canada	'Harrow'	ChPRUWtY	2	Inter	3	1-1	C-R	2.5-3.0	1	4	3	3	5-many	1	5	Susc
270274	Ohio	'Marhio'	ChPRUWtY	3	Inter	3	1-3	C-R	2.0-2.5	2	1	5	2	5-many	1	2	Susc
270275	Ohio	'Marietta No. 1'	ChPRUWtY	4	Inter	3	2-2	C-R	3.0-4.0	1	3	5	4	5-many	2	1	Susc
270276	New York	'Master Marglobe'	ChPRUWtY	3	Inter	3	1-3	C-R	3.0-4.0	2	4	3	1	5-many	2	4	Susc
270277	Ohio	'Ohio W-R Globe'	ChPRUWtY	4	Inter	3	2-3	C-R	3.0-4.0	2	3	5	3	5-many	1	3	Susc
270278	Ohio	'Ohio W-R Jubilee'	ChPRUWtY	3	Inter	4	1-1	C-R	3.0	1	3	5	2	5-many	2	2	Susc
270279	New Jersey	'Ontario'	ChPRUWtY	2	Inter	2	1-1	C-R	2.5-3.0	2	2	4	3	5-many	2	5	Susc
270280	Ohio	'Pearl Harbor'	ChPRUWtY	2	Inter	2	3-1	C-R	2.0-2.5	2	3	3	1	5-many	1	5	Susc
270281	Texas	'Porter Tomato'	ChPRUWtY	3	Inter	3	1-1	C-R	1.0-1.5	3	3	3	3	2-3	1	3	Susc

TABLE 8a.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
a. Named and presumed varieties																		
270282	Indiana	'Purdue 1361'	Ch P R U Wt Y	4	Inter	3	3-1	C-R	2.5-3.5	2	2	5	4	5-many	2	3	Susc	
270283	New York	'Red Jacket'	Ch P R u Wt Y	3	Inter	3	2-2	C-R	3.0-4.0	1	3	3	1	5	2	5	Susc	
270284	Texas	'S1446 Summer Cherry'	Ch P R Uu Wt Y	3	Inter	1	1-1	C-R	0.75-1.0	2	4	2	4	3	1	4	Susc	
270285	Washington	'Wash. State Forcing'	Ch P R U Wt Y	1	Inter	3	2-2	C-R	2.0-2.5	2	1	5	1	4-5	1	3	Susc	
270286	Ohio	'Westernred'	Ch P R u Wt Y	1	Inter	3	2-5	C-R	2.5-3.0	1	3	3	1	5-many	1	5	Susc	
271780	South Africa	'Homestead'	Ch P R U Wt Y	4	Ind Inter	3	2-3	C-R	2.5-3.0	2	2	4	2	2-many	2	3	Susc	
272219	Italy	'Gimar'	Ch P R u Wt Y	1	Det Inter	3	1-1	C-R	2.25-2.75	2	3	4	1	3-many	2	4	Susc	
273188	Germany	'Caro Red' (See PI 279565)																
273444	Oklahoma	'Bushy'	Ch P R u Wt Y	1	Det Inter	1	3-2	C-R	1.5-2.0	2	5	2	2	3-many	1	1,5	Susc	
275014	Bulgaria	'10 X Bizon'	Ch P R U Wt Y	3	Ind Inter	3	4-2	C-R	1.0-2.5	2	3	2	3	2-5	1	2	Susc	
275017	Bulgaria	'Zaria X Komet'	Ch P R U Wt Y	3	Ind Inter	3	3-2	C-R	2.0-3.0	2	2	4	1	3-many	1	3	Susc	
276326	Norway	'Norderas Bush'	Ch P R u Wt Y	1	Det Inter	1	3-2	C-R	1.5-2.0	2	4	2	2	2-5	1	3	Susc	
276423	S. Africa	'Nelcan'	Ch P R U Wt Y	4	Ind Inter	3	3-2	C-R	1.0-2.0	3	3	3	4	2-3	1	1	Susc	
276424	S. Africa	'Nelmark'	Ch P R Uu Wt Y	3	Ind Inter	3	3-2	C-R	1.75-2.5	2	2	3	3	2-5	1	2	Susc	
277286	India	'Early Scarlet'	Ch P R U Wt Y	4	Ind Inter	3	1-1	C-R	1.0-1.5	2	4	3	4	3-5	1	2	Susc	
279565	Indiana	'Caro Red'	Ch P R B U Wt Y	4	Ind Inter	4	3-3	C-R	2.5-3.0	2	4	4	1	4-many	1	3	Susc	
279566	Texas	'SV616C'	Ch P R u Wt Y	1	Ind Inter	1	1-1	C-R	1.5-2.5		5	1	3	2-3	1	3	Susc	
279567	Connecticut	'Pearl Harbor'	Ch P R u Wt Y	3	Ind Inter	1	3-2	C-R	1.5-2.5	2	5	1	2	many	2	5	Susc	
280060	Canada	'Early Dwarf'	Ch P R u Wt Y	3	Ind Inter	3	2-2	C-R	1.5-2.5	2	3	3	1	5-many	1	3	Susc	
280590	U.S.S.R.	'Alpatjeva'	Ch P R U Wt Y	1	Det Erect	1	1-3	C-R	2.0-2.5	2	1	1	2	4-many	1	5	Susc	
280594	U.S.S.R.	'Pecerskij'	Ch P R U Wt Y	4	Ind Inter	1	2-3	C-R	2.25-2.5	2	3	3	1	many	1	1-3	Susc	
280595	U.S.S.R.	'Delikates'	Ch P R U Wt Y	1	Det Erect	4	2-1	C-R	2.0-2.5	2	4	3	4	3-4	1	3	Susc	
280596	U.S.S.R.	'Karlik'	Ch P R U Wt Y	1	Det Erect	3	1-1	C-R	1.5-2.0	2	4	2	3	3-5	1	5	Susc	
280694	India	'Pusa Ruby'	Ch P R U Wt Y	4	Ind Inter	3	2-2	C-R	1.5-2.0	1	4	3	4	4-many	1	1	Susc	
281553	Japan	'Furuya-K-go'	Ch P R u Wt y	4	Ind Inter	3	3-2	C-R	2.0-3.0	1	1	5	4	many	2	1	Susc	
281554	Japan	'Hikari'	Ch P R u Wt y	4	Ind Inter	3	3-3	C-R	2.5-3.0	2	1	5	1	many	1	1	Susc	
281555	Japan	'Kiyosu No. 2'	Ch P R u Wt y	4	Ind Inter	3	3-3	C-R	2.25-2.5	2	1	5	1	many	2	1	Susc	
281622	Japan	'Kasuga No. 2'	Ch P R u Wt y	4	Ind Inter	3	4-3	C-R	2.0-3.0	2	2	4	1	many	1	1	Susc	
282479	Canada	'Vogue (41-A-1)'	Ch P R u Wt Y	3	Ind Inter	3	3-3	C-R	2.0-2.75	2	3	3	3	3-5	1	3	Susc	
282960	Canada	'Tanggula'	Ch P R u Wt Y	2	Det Inter	3	3-3	C-R	2.0-3.0	2	5	3	3	4	1	4	Susc	
283903	Czech.	'Alaszka'	Ch P R u Wt Y	1	Det Inter	1	3-3	C-R	1.5-2.0	2	4	3	3	4-many	1	4	Susc	
283904	Czech.	'Alpatieva 0905a'	Ch P R U Wt Y	1	Det Erect	2	4-3	C-R	1.0-1.5	2	4	3	3	4	1	4	Susc	
283905	Czech.	'Amerikanischer Zwerg'	Ch P R U Wt y	3	Ind Inter	2	1-1	C-R	1.5-2.0	2	2	5	3	3	1	1	Susc	
283906	Czech.	'Atom 1'	Ch P R u Wt Y	1	Det Inter	1	1-1	C-R	1.0-1.25	3	5	2	4	2-3	1	5	Susc	
283907	Czech.	'Chabarovskij Stambovyj'	Ch P R U Wt y	1	Det Erect	3	2-1	C-R	1.0-1.5	2	5	2	2	2-3	1	3	Susc	
283908	Czech.	'Doneckij'	Ch P R Uu Wt Y	2	Det Inter	1	2-3	C-R	1.5-2.0	2	4	2	4	many	1	4	Susc	
283909	Czech.	'Gracie'	Ch P R Uu Wt Y	1	Det Erect	4	3-2	C-R	1.5-2.0	2	5	2	2	3-many	1	4	Susc	
283910	Czech.	'Gracie Torpe'	Ch P R u Wt Y	2	Det Inter	4	1-1	C-R	1.0-2.0	2	5	2	4	2-3	1	4	Susc	
283915	Czech.	'Ijlskie No. 242'	Ch P R Uu Wt Y	2	Det Inter	2	3-1	C-R	2.0-2.5	2	4	2	2	many	1	4	Susc	
283951	Czech.	'Sverchrannyj B84'	Ch P R U Wt Y	1	Det Erect	1	1-3	C-R	1.75	2	3	3	2	2-4	1	4	Susc	
283952	Czech.	'The Amateur'	Ch P R u Wt Y	1	Ind Inter	1	3-1	C-R	2.0-2.5	2	4	1	1	3-4	1	5	Susc	
285132	Oklahoma	'Bearwell'	Ch P R u Wt Y	1	Det Inter	3	5-3	C-R	1.5-2.5	3,4	5	3	1	4-many	1	1	Susc	
285133	Canada	'Tanggula'	Ch P R u Wt Y	2	Ind Inter	3	3-3	C-R	1.5-2.5	2	3	3	1	many	1	3	Susc	
285659	Poland	'Ailsa Craig'	Ch P R U Wt Y	4	Ind Inter	2	3-2	C-R	2.0-2.5	2	3	4	1	2-3	1	3	Susc	
285660	Poland	'All Clear'	Ch P R u Wt Y	3	Ind Inter	3	4-1	C-R	1.5-2.0	2	4	4	2	2-3	1	2	Susc	
285661	Poland	'Carrick'	Ch P R U Wt Y	3	Ind Inter	3	5-1	C-R	2.0-2.5	2	3	3	3	2-many	1	1	Susc	
285663	Poland	'Charkowskij'	Ch P R U Wt Y	3	Ind Inter	2	4-4	C-R	2.25-3.0	2	3	3	4	4-many	1	4	Susc	
285666	Poland	'Gruntowyj Gribowskij'	Ch P R U Wt Y	2	Det Inter	3	3-3	C-R	1.5-2.0	2	3	3	3	4-many	1	4	Susc	
285668	Poland	'Immun'	Ch P R U Wt Y	1	Ind Inter	3	3-1	C-R	1.5-2.0	2	4	3	1	3	1	2	Susc	
285671	Poland	'Krakowski Wczesny'	Ch P R U Wt Y	4	Ind Inter	4	1-3	C-R	2.0-2.5	2	2	4	1	2-many	1	2	Susc	

TABLE 8a.-(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking Amt.	Type	Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic		
																		Alter- naria	Mosaic
a. Named and presumed varieties																			
285678	Poland	'Perfecta'	c h P R U Wt Yy	1	Det Int Er	3	3-1	C-R	1.0-2.0	2	3	4	2	3-many	1	3	Susc		
285684	Poland	'Reinedes Hatives'	C h P R U Wt Y	2	Ind Inter	2	3-3	C-R	2.0-3.0	1	3	4	1	many	2	4	Susc		
285685	Poland	'Seelandia'	C h P R U Wt Y	3	Ind Inter	3	3-2	C-R	2.0-3.0	2	2	5	3	2-4	1	3	Susc		
285689	Poland	'Zaria'	C h P R U Wt Y	3	Ind Inter	2	3-3	C-R	2.0-2.5	2	2	3	3	many	1	1	Susc		
286098	Nigeria	'Zuarungu'	C h P R UuWt Y	3	Ind Inter	1	4-2	C-R	1.0-1.5	2	3	5	1	3-many	1	1	Susc		
286251	G. Britain	'Ailsa Craig'	C h P R U Wt Y	3	Ind Inter	3	3-2	C-R	1.0-2.0	2	2	4	3	2-3	1	1	Susc		
286253	G. Britain	'Potentate'	C h P R U Wt Y	2	Ind Inter	1	4-2	C-R	1.5-2.0	2	4	4	2	3-5	1	1	Susc		
286254	G. Britain	'Potential'	C h P R U Wt Y	3	Ind Inter	3	2-2	C-R	1.75-2.0	2	1	4	2	2-3	1	1	Susc		
286255	G. Britain	'Moneymaker'	C h P R U Wt Y	4	Ind Inter	3	2-1	C-R	1.0-2.0	2	4	4	4	2-3	1	1	Susc		
286258	G. Britain	'GCR 2'	C h P R U Wt Y	3	Ind Inter	3	3-3	C-R	2.0-3.0	2	3	4	2	2-many	1	3	Susc		
286595	Louisiana	'Red Global'	C h P R U Wt Y	4	Ind Inter	2	1-3	C-R	1.0-2.0	2	1	5	3	4-5	1	1	Susc		
286596	Minnesota	'Wisc. Early Scarlet'	C h P R U Wt Y	3	Ind Inter	3	3-3	C-R	1.5-2.5	2	2	3	1	many	1	5	Susc		
286597	N. Dakota	'Sheyenne'	C h P R U Wt Y	1	Det Inter	3	2-2	C-R	1.0-2.5	2	3	5	2	many	1	3	Susc		
286598	Indiana	'Tecumseh'	C h P R U Wt Y	3	Ind Inter	3	2-2	C-R	1.75-2.0	2	5	5	2	many	1	1	Susc		
288069	G. Britain	'Open Air'	C h P R UuWt Y	2	Det Ind Int	2	3-2	C-R	1.75-	2	1	5	3	3	1	1	Susc		
288070	G. Britain	'The Amateur'	C h P R UuWt Y	2-5	Ind Int	3	3-3	C-R	1.0-1.75	2	3	5	2	2-3	1	1	Susc		
289190	Hungary	'Deli'	C h P R U Wt Y	3	Ind Inter	1	2-1	C-R	1.0-2.5	2	1	5	3	4-5	2	3	Susc		
289195	Hungary	'Fruchtarama'	C h P R U Wt Y	5	Ind Inter	1	1-1	C-R	1.0-2.0	2	1	5	2	4-many	2	1	Susc		
289199	Hungary	'Elsassland'	C h P R U Wt Y	3	Ind Inter	1	3-2	C-R	1.0-1.5	2	3	5	1	2-3	1	1	Susc		
289200	Hungary	'Carnosa'	C h P R U Wt Y	4	Ind Inter	1	2-3	C-R	1.0-2.5	2	3	5	1	5-many	1	1	Susc		
289204	Hungary	'Canadienne Mendel'	C h P R U Wt Y	3	Det Inter	1	4-2	C-R	1.0-2.5	2	3	4	1	5-many	1	1	Susc		
289207	Hungary	'Saint Pierre'	C h P R U Wt Y	4	Ind Inter	1	2-5	C-R	1.0-3.0	2	1	5	1-	many	1	2	Susc		
289211	Hungary	'Fruhernte'	C h P R U Wt Y	3	Ind Inter	1	1-3	C-R	1.0-2.5	2	3	3	1	3-many	1	1	Susc		
289217	Hungary	'Linia 71'	C h P R U Wt Y	4	Ind Inter	1	2-2	C-R	1.0-2.5	2	2	2	2	5-many	1	1	Susc		
289218	Hungary	'Aurora de Tiganesti'	C h P R U Wt Y	5	Ind Inter	1	1-2	C-R	0.5-2.0	2	3	3	4	4-many	1	1	Susc		
289219	Hungary	'De Tiganesti'	C h P R U Wt Y	4	Ind Inter	1	3-5	C-R	1.0-2.0	2	3	5	3	5-many	1	1	Susc		
289229	Hungary	'Texto'	C h P R U Wt Y	5	Ind Inter	1	2-3	C-R	1.5-2.5	2	3	5	3	4-many	1	1	Susc		
289234	Hungary	'Foti'	C h P R U Wt Y	3	Ind Inter	1	3-2	C-R	1.5-2.5	1	3	5	1	many	2	1	Susc		
289236	Hungary	'Kecskemeti 33'	C h P R U Wt Y	4	Ind Inter	1	1-3	C-R	1.0-2.0	2	3	3	1	3-many	1	1	Susc		
289242	Hungary	'Kecskemeti 20'	C h P R U Wt Y	5	Ind Inter	3	1-2	C-R	1.0-2.5	2	1	5	3	many	1	1	Susc		
289243	Hungary	'Kecskemeti 178'	C h P R U Wt Y	5	Ind Inter	1	5-3	C-R	2.0-3.0	2	3	5	2	5-many	1	1	Susc		
289245	Hungary	'Kecskemeti 363'	C h P R U Wt Y	5	Ind Inter	1	3-3	C-R	1.0-3.0	2	3	5	1	4-many	1	1	Susc		
289763	Texas	'Pinkdeal'	C h P R U Wt Y	2	Ind Inter	3	2-2	C-R	1.75-2.5	2	3	4	4	4-many	1	1	Susc		
293592	Canada	'Clark's E. Dohler No. 7 VR'	C h P U Wt Y	3	Ind Inter	1	3-3	C-R	2.0-2.5	2	3	3	4	many	2		Susc		
293593	Canada	'Geneva No. 6 VR'	C h P R U Wt Y	1	Ind Inter	1	1-2	C-R	1.5-2.0	2	1	1	1	many	1		Susc		
293594	Canada	'Earliest of All VR'	C h P R U Wt Y	3	Ind Inter	3	4-3	C-R	1.25	2	4	3	3	4-many	1		Susc		
293595	Canada	'Non-Acid VR'	C h P R U Wt Y	2	Ind Inter	2	3-4	C-R	1.0-2.0	2	3	3	1	many	1		Susc		
293596	Canada	'Red Chief VR'	C h P R U Wt Y	1	Det Inter	1	1-1	C-R	1.0-1.5	2	3	3	1	many	1		Susc		
293597	Canada	'Stokesdale No. 4 VR'	C h P R U Wt Y	2	Ind Inter	3	4-2	C-R	1.5-2.5	2	4	1	3	many	1		Susc		
293598	Canada	'Ace VR'	C h P R U Wt Y	3	Ind Inter	3	4-2	C-R	2.0-2.5	2	4	3	3	many	1		Susc		
296362	Oklahoma	'Smoky Mountain'	C h P R U Wt Y	3	Ind Inter	2	3-3	C-R	2.0-4.0	1	3	3	3	many	4	3	Susc		
296363	Oklahoma	No. 25	C h P R U Wt Y	2	Ind Erect	3	2-2	C-R	1.5-2.5	4	4	5	3	many	1	3	Susc		
296364	Oklahoma	No. 33	C h P R U Wt Y	1	Ind Inter	2	2-1	C-R	2.0-2.5	2	4	4	4	3-many	1	4	Susc		
296365	Oklahoma	No. 34	C h P R U Wt Y	1	Ind Prostr	3	2-2	C-R	2.0-2.5	2	4	3	3	3-many	1	5	Susc		
296366	Oklahoma	No. 40	C h P t U Wt Y	1	Ind Erect	2	2-1	C-R	1.5-2.0	2	4	5	4	3-many	1	3	Susc		
296367	Oklahoma	'Dura Red'	c h P R U Wt Y	1	Det Erect	3	2-3	C-R	2.0-3.5	1	1	1	5	many	2	4	Susc		
296368	Oklahoma	'MXD-2'	c h P R U Wt Y	1	Det Erect	3	2-3	C-R	1.5-2.0	5	4	1	1	3-many	2	4	Susc		
296369	Oklahoma	'Low Bush'	C h P R U Wt Y	1	Det Inter	2	2-2	C-R	2.5-3.0	1	4	3	3	3-many	3	4	Susc		
296370	Oklahoma	'Summer Bearing'	C h P R U Wt Y	4	Ind Inter	3	3-3	C-R	2.0-3.5	1	3	4	3	4-many	2	3	Susc		

TABLE 8a.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic		
							Amt.	Type											
a. Named and presumed varieties																			
303704	California	'Ace'	C h P R u Wt Y	3	Det Inter	3	2-3	C-R	2.5-3.0	1	4	5	4	many	2	3	Susc		
303705	Ohio	'Alpine'	C h P R U Wt Y	4	Ind Inter	3	3-3	C-R	2.0-2.5	2	4	2	5	many	1	3	Susc		
303706	Ohio	'Athens'	C h P R U Wt Y	5	Ind Inter	4	3-3	C-R	2.5-4.0	1	2	4	4	many	3	3	Susc		
303707	Canada	'B ₄ '	c h P R U Wt Y	1	Ind Inter	3	3-2	C-R	1.75-2.0	3	3	1	5	2-3	2	4	Susc		
303708	California	'Burpee's Gloriana'	C h P R U Wt Y	1	Ind Inter	2	5-2	C-R	2.0-2.5	1	1	1	4	many	2	3	Susc		
303709	California	'Burpee's Matchless'	C h P R U Wt Y	3	Ind Erect	3	1-2	C-R	2.0-3.0	1	3	5	1	many	2	2	Susc		
303710	California	'Burpee's Sunnybrook Earliana'	C h P R U Wt Y	1	Ind Inter	2	5-2	C-R	2.0-3.0	1	1	1	5	many	3	3	Susc		
303711	California	'Burpee's Table Talk'	C h P R U Wt Y	4	Ind Inter	3	3-3	C-R	2.5-3.0	2	3	5	2	4-many	1	3	Susc		
303712	Ohio	'Calaplata'	C h P R U Wt Y	4	Ind Inter	3	5-3	C-R	2.5-3.5	1	3	3	1	many	4	2	Susc		
303713	Michigan	'Caro Red'	C h P R B U Wt Y	3	Ind Inter	3	3-3	C-R	2.5-3.5	2	2	5	5	many	1	2	Susc		
303714	California	'Cavalier'	C h P R u Wt Y	1	Det Inter	3	3-2	C-R	2.5-3.0	2	3	2	1	many	1	5	Susc		
303715	Ohio	'Cluster Mato'	C h P R U Wt Y	4	Ind Inter	4	3-5	C-R	2.5-3.5	2	4	3	4	4-many	2	3	Susc		
303716	Ohio	'Colorado Red'	C h P R U Wt Y	4	Ind Inter	4	2-3	C-R	2.5-3.0	2	4	2	4	many	2	3	Susc		
303717	Oregon	'Colorado Special'	C h P R U Wt Y	3	Ind Inter	2	5-2	C-R	2.0-3.0	2	3	2	4	many	2	3	Susc		
303718	California	'CPC No. 2'	C h P R u Wt Y	1	Det Inter	3	3-2	C-R	2.5-3.0	1	4	4	3	5-many	2	4	Susc		
303719	Ohio	'Cuyano'	C h P R U Wt Y	1	Ind Inter	3	4-3	C-R	2.5-3.5	1	2	1	4	many	3	3	Susc		
303720	Ohio	'Douberich'	C h P R u Wt Y	1	Ind Inter	2	3-2	C-R	2.0-2.5	2	5	1	3	many	1	4	Susc		
303721	Ohio	'The Dutchman'	C h P R U Wt y	4	Ind Inter	3	3-5	C-R	4.0-5.0	1	2	5	4	many	4	2	Susc		
303722	Michigan	'Earliest and Best'	C h P R U Wt Y	3	Ind Inter	3	3-3	C-R	2.5-3.0	1	3	4	1	4-many	2	3	Susc		
303723	Michigan	'Early Chatham'	C h P R u Wt Y	1	Det Inter	3	2-2	C-R	1.5-2.5	2	5	1	4	4-many	1	5	Susc		
303724	Ohio	'Early Dwarf Bush'	c h P R U wt Y	1	Det Erect	5	3-3	C-R	2.0-2.5	2	4	1	3	3-4	1	4	Susc		
303725	Ohio	'Early Dwarf Red' (Australian)	C h P R U wt Y	2	Ind Inter	2	3-2	C-R	2.0-2.5	1	2	3	1	many	4	3	Susc		
303726	Canada	'Earlinorth'	c h P R u Wt Y	1	Det Inter	3	3-2	C-R	1.5-2.5	1	5	1	5	4-many	3	5	Susc		
303727	California	'Early Pak'	C h P R U Wt Y	2	Ind Inter	3	3-3	C-R	2.0-2.5	2	3	4	3	3-many	1	3	Susc		
303728	New York	'Early Red Cheek'	C h P R u Wt Y	3	Ind Inter	3	2-3	C-R	2.0-3.0	2	4	4	1	4-many	1	2	Susc		
303729	Michigan	'Early Wonder'	C h P R u Wt Y	1	Det Inter	3	5-2	C-R	2.5-3.0	2	5	3	2	5-many	1	5	Susc		
303730	Ohio	'Egg Tomato'	C h P R U Wt Y	3	Ind Inter	3	3-1	C-R	1.5-2.0	3	4	4	2	3	1	2	Susc		
303731	Michigan	'Everbearing'	C h P R U Wt y	3	Ind Inter	3	3-3	C-R	2.5-3.5	1	3	5	5	4-many	2	2	Susc		
303732	Ohio	'Evergreen Tomato'	C h Pgr U Wt Y	3	Ind Inter	3	1-3	C-R	2.5-3.5	1	3	4	1	many	4	3	Susc		
303733	Florida	'Floralou'	C h P R u Wt Y	5	Ind Inter	3	1-2	C-R	1.5-2.5	3	1	5	3	many	1	1	Susc		
303734	Ohio	'Fortune'	C h P R U Wt Y	4	Ind Inter	3	3-2	C-R	2.0-2.5	2	4	5	5	3-many	1	3	Susc		
303735	Oregon	'Gill's Allpurpose'	C h P R U Wt Y	3	Ind Inter	4	3-3	C-R	2.5-3.5	2	3	4	3	3-many	1	2	Susc		
303736	Ohio	'Golden Glow'	C h P t U wt y	2	Ind Inter	3	5-1	C-R	1.0-1.5	2	3	5	3	2-3	1	2	Susc		
303737	Ohio	'Gosse Lisse'	C h P R U Wt Y	4	Ind Inter	3	3-3	C-R	2.5-3.0	2	3	5	3	4-many	2	3	Susc		
303738	California	'Grand Pak'	C h P R U Wt Y	2	Ind Inter	3	5-2	C-R	2.5-3.5	2	4	5	1	4-many	1	4	Susc		
303739	California	'Imperial'	C h P R U Wt Y	2	Ind Inter	3	3-2	C-R	2.5-3.5	1	3	4	2	many	2	3	Susc		
303740	Michigan	'Imp Colossal Crimson'	C h P R U Wt y	5	Ind Inter	3	3-3	C-R	3.0-4.0	1	1	5	1	many	4	3	Susc		
303741	Michigan	'Imp Colossal Golden'	C h P t U Wt Y	2	Ind Inter	3	5-5	C-R	3.0-3.5	1	1	5	3	many	3	2	Susc		
303742	Michigan	'Imp Colossal Red'	C h P R U Wt Y	4	Ind Inter	3	2-5	C-R	3.0-4.5	1	1	5	1	many	4	4	Susc		
303743	Michigan	'Imp Colossal Yellow'	C h P r U Wt y	4	Ind Inter	3	3-5	C-R	3.0-4.5	1	3	5	2	many	4	2	Susc		
303744	Oregon	'Imp Pepper'	C h P R U Wt y	3	Ind Inter	3	3-3	C-R	2.5-3.0	2	3	5	4	4-many	1	2	Susc		
303745	Michigan	'Indian River'	C h P R U Wt Y	3	Ind Inter	3	3-3	C-R	2.5-3.0	2	3	5	3	4-many	1	3	Susc		
303746	Michigan	'Italian Canner'	C h P R U Wt Y	3	Ind Inter	3	2-1	C-R	1.5x1.75	4	3	4	3	2-3	2	3	Susc		
303747	Ohio	'Jubilee Golden Orange'	C h P t U Wt Y	4	Ind Inter	4	3-3	C-R	2.5-3.0	2	4	5	3	3-many	2	2	Susc		
303748	New Jersey	'K C 135'	C h P R u Wt Y	3	Ind Inter	3	2-2	C-R	2.5-3.0	1	4	4	4	many	2	3	Susc		
303749	New Jersey	'K C 146'	C h P R U Wt Y	3	Ind Inter	3	1-2	C-R	2.5-3.0	1	3	4	2	many	2	4	Susc		
303750	Colorado	'Kenosha'	C h P R U Wt Y	3	Ind Inter	3	3-3	C-R	2.0-3.0	1	4	1	2	many	2	3	Susc		
303751	Ohio	'Kohamo'	C h P R U Wt Y	4	Ind Inter	4	2-3	C-R	2.0-3.0	2	3	5	2	many	2	3	Susc		

TABLE 8a.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters									
				Vine Size	Growth and Habit	Leaf-let Size	Cracking		Size Inches	Shape	Set	Ma-tur-ity	Inten-sity Flesh Color	Number Locules	Fas-cia-tion	Disease Reaction	
							Amt.	Type								Alter-naria	Mosaic
a. Named and presumed varieties																	
303752	Michigan	'Kopiah'	C h P R U Wt Y	4	Ind Inter	3	2-3	C-R	2.0-3.0	1	2	4	1	many	2	3	Susc
303753	Ohio	'Laketa'	C h P R U Wt y	4	Ind Inter	3	3-3	C-R	1.5x2.5	4	3	5	1	3-many	1	3	Susc
303754	Ohio	'Langada'	C h P R U Wt Y	4	Ind Inter	3	3-5	C-R	2.5-3.5	1	1	5	1	many	4	3	Susc
303755	Michigan	'Lemon'	C h P r U Wt y	3	Ind Inter	3	2-2	C-R	2.0-3.0	1	3	3	2	3-4	2	3	Susc
303756	Michigan	'La. All Season'	C h P R U Wt y	4	Ind Inter	3	3-3	C-R	2.5-3.0	1	2	4	1	5-many	2	3	Susc
303757	Ohio	'Lutescent'	C h P Rr U Wt Yy	3	Ind Inter	2	2-2	C-R	1.5-2.0	2	3	4	1	3-many	1	3	Susc
303758	Michigan	'Mammoth Wonder'	C h P R u Wt Y	3	Ind Inter	3	2-4	C-R	3.0-3.5	1	2	4	2	many	1	3	Susc
303759	Michigan	'Manalee'	C h P R U Wt Y	3	Ind Inter	3	3-4	C-R	2.5-3.0	2	3	4	3	4-many	1	3	Susc
303760	Ohio	'Market Favorite'	C h P R U Wt Y	4	Ind Inter	3	4-3	C-R	2.5-3.5	1	3	5	1	many	2	3	Susc
303761	Ohio	'Market Supreme'	C h P R U Wt Y	4	Ind Inter	3	3-2	C-R	2.0-2.5	1	3	3	3	3-many	2	3	Susc
303762	Ohio	'Marmade'	C h P R U Wt Y	2	Ind Inter	3	4-3	C-R	2.5-3.0	1	2	1	3	many	4	3	Susc
303763	Ohio	'Marman World's Earliest'	C h P R U Wt Y	3	Ind Inter	3	3-3	C-R	2.5-3.0	1	3	2	2	many	4	3	Susc
303764	Italy	'Marmade Regular'	C h P R U Wt Y	2	Ind Inter	3	3-2	C-R	2.0-3.5	1	4	3	1	many	1-5	1	Susc
303765	Italy	'Marmade Vert. Res.'	C h P R U Wt Y	5	Ind Inter	4	2-2	C-R	2.0-3.5	2	3	5	3	many	1	1	Susc
303766	Ohio	'Mendoza 44'	C h P R U Wt Y	4	Ind Inter	3	3-2	C-R	2.5-3.0	2	4	5	1	5	2	2	Susc
303767	California	'Meteor'	C h P R u Wt Y	2	Det Inter	3	3-3	C-R	2.0-2.5	2	5	1	3	many	1	5	Susc
303768	Ohio	'Mission Dyke'	C h P R U Wt y	4	Ind Inter	4	3-3	C-R	3.0-4.0	1	3	4	2	many	3	3	Susc
303769	Canada	'Mustang'	C h P R u Wt Y	1	Det Inter	3	5-3	C-R	2.0-2.5	2	4	2	3	many	1	5	Susc
303770	Ohio	'Nectarine'	C h P R U Wt y	3	Ind Inter	3	1-2	C-R	2.0-3.0	1	3	4	1	2-many	3	3	Susc
303771	Utah	'Nr 13'	C h P R U Wt Y	3	Det Inter	3	3-3	C-R	2.5-3.0	1	4	3	3	many	2	3	Susc
303772	Idaho	'Owyhee'	C h P R U Wt Y	3	Ind Inter	2	3-3	C-R	1.5-2.5	2	2	3	3	4-many	1	3	Susc
303773	Idaho	'Payette'	C h P R u Wt Y	2	Ind Erect	3	2-3	C-R	2.0-2.5	2	3	4	2	many	1	2	Susc
303774	Ohio	'Peron'	C h P R U Wt Y	4	Ind Inter	3	4-3	C-R	3.0-3.5	1	4	5	3	5-many	2	3	Susc
303775	Ohio	'Pink San Marzano'	C h P R U Wt y	4	Ind Inter	2	5-1	C-R	1.0x1.75	4	3	3	5	2-3	1	3	Susc
303776	Ohio	'Plamar'	C h P R U Wt Y	4	Ind Inter	3	3-3	C-R	2.0-2.5	1	4	2	3	many	2	3	Susc
303777	Ohio	'Premier'	C h P R U Wt Y	2	Ind Erect	4	2-1	C-R	1.5-2.0	2	3	2	3	2-4	2	3	Susc
303778	Ohio	'Protruding Carpels' (Orchids)	C h P R U Wt y	4	Ind Inter	2	3-1	C-R	1.5-2.0	1	3	3	1	many	4	3	Susc
303779	Ohio	'Puck'	c h P R u Wt y	1	Det Erect	4	1-1	C-R	2.0	2	5	2	2	3	2	3	Susc
303780	California	'Red Cloud'	C h P R u Wt Y	1	Det Inter	3	3-2	C-R	2.0-2.5	2	5	4	1	4	1	4	Susc
303781	Scotland	'Red Tomato'	C h P R u Wt Y	4	Ind Inter	3	3-3	C-R	1.25x2.0	2	4	4	2	3-4	1	1	Susc
303782	California	'Red Top'	C h P R u Wt Y	1	Ind Inter	2	1-1	C-R	1.25x2.25	4	5	2	3	2	1	3	Susc
303783	Ohio	'Red Top'	C h P R u Wt Y	2	Ind Inter	4	2-1	C-R	1.5x2.5	4	5	2	2	2	1	5	Susc
303784	Texas	'Rio Grande'	C h P R U Wt Y	2	Det Inter	3	3-3	C-R	2.5-3.5	2	3	5	4	many	1	3	Susc
303785	Ohio	'Ruffled Tomato'	C h P r U Wt Y	4	Ind Inter	3	3-3	C-R	2.5-3.5	1	3	4	1	many	5	2	Susc
303786	Ohio	'San Marzano'	C h P R U Wt Y	3	Ind Inter	4	2-1	C-R	1.5x2.5	4	4	4	2	2-3	2	3	Susc
303787	Ohio	'Santa Catalina'	C h P R U Wt Y	4	Ind Inter	3	3-1	C-R	2.0x3.0	4	4	5	1	2-3	2	2	Susc
303788	Oregon	'Seattle Best of All'	C h P R U Wt Y	3	Ind Inter	3	4-2	C-R	2.0-2.5	1	3	5	1	3-4	1	3	Susc
303789	California	'Sequoia'	C h P R U Wt Y	3	Ind Inter	3	5-2	C-R	2.5-3.0	2	4	5	1	5-many	1	3	Susc
303790	Ohio	'Stenner's Exhibition'	C h P R u Wt Y	4	Ind Inter	3	1-2	C-R	1.5-2.0	2	5	5	1	2-4	1	3	Susc
303791	Ohio	'Summer Prolific'	C h P R U Wt y	3	Ind Inter	3	1-2	C-R	2.0-2.5	1	4	4	2	3-4	2	3	Susc
303792	Ohio	'Tatiner'	C h P R U Wt Y	2	Ind Inter	2	4-2	C-R	2.5-3.0	1	1	5	3	many	4	2	Susc
303793	Ohio	'Tatura'	C h P R U Wt Y	2	Ind Inter	2	5-2	C-R	2.0-2.5	2	3	2	1	3-many	3	3	Susc
303794	Ohio	'Textol W-7'	C h P R U Wt Y	4	Ind Inter	3	5-2	C-R	2.5-3.5	2	4	4	3	many	2	3	Susc
303795	Ohio	'Thessaloniki'	C h P R U Wt Y	5	Ind Inter	4	4-2	C-R	2.5-3.5	2	3	5	1	5-many	1	2	Susc
303796	Ohio	'Thick Sepal'	C h P R U Wt Y	3	Det Inter	4	1-1	C-R	1.5-2.5	1	5	5	1	many	1	3	Susc
303797	Ohio	'Tiny Tim'	c h P R U Wt Y	1	Det Erect	2	1-1	C-R	0.5-1.0	2	5	1	5	2	1	5	Susc
303798	Ohio	'Tomango'	C h P R U Wt Y	4	Ind Inter	3	4-1	C-R	2.5-3.0	5	3	5	1	4-many	4	3	Susc
303799	Michigan	'Trip L Crop Climbing'	c h P R U Wt y	4	Ind Inter	4	3-5	C-R	2.5-4.0	1	1	3	2	many	4	3	Susc

TABLE 8a.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosalc	
							Amt.	Type										
a. Named and presumed varieties																		
303800	Utah	'Utah 13'	C h P R U Wt Y	3	Ind Inter	3	3-3	C-R	2.5-3.0	1	3	3	2	5-many	1	4	Susc	
303801	Utah	'Utah 665 'Peru Wild V.R.'	C h P R U Wt Y	5	Ind Inter	2	1-1	C-R	0.87-1.0	3	5	4	4	2	1	1	Susc	
303802	Utah	Utah 665-11	C h P R U Wt Y	2	Ind Erect	2	1-1	C-R	0.75	2	1	4	3	2	1	1	Susc	
303803	Utah	Utah 665-13	C h P R U Wt Y	1	Ind Inter	2	1-1	C-R	0.75-1.0	2	3	2	1	2-3	1	2	Susc	
303804	Utah	Utah 665-17	CHhP R U Wt Y	1	Ind Inter	2	1-1	C-R	0.75	2	2	4	3	2	1	1	Susc	
303805	Ohio	'Vokal'	C h P R U Wt y	3	Ind Inter	3	3-2	C-R	2.0-2.5	2	4	4	4	3-many	2	3	Susc	
303806	Utah	'VR Moscow'	C h P R U Wt Y	3	Det Inter	3	2-4	C-R	2.5-3.0	2	3	3	4	many	2	3	Susc	
303807	Ohio	'Wheatley'	C h P R UuWt Y	3	Ind Inter	3	3-2	C-R	2.0-2.5	2	4	5	1	2-3	1	3	Susc	
303808	Michigan	'Wilt Master'	C h P R U Wt Y	3	Ind Inter	3	3-3	C-R	2.5-3.0	1	3	4	2	5-many	1	3	Susc	
303809	Michigan	'Wisconsin 55'	C h P R U Wt Y	4	Ind Inter	4	3-3	C-R	2.5-3.5	1	3	4	1	many	2	3	Susc	
303810	California	'Yellow Pear'	C h P r U Wt Y	5	Ind Inter	2	1-1	C-R	1.0-1.5	5	5	3	1	2	1	3	Susc	
303811	California	'Yellow Plum'	C h P r U Wt Y	2	Ind Inter	2	1-1	C-R	1.0-1.5	3	3	1	1	2	1	3	Susc	
303812	Scotland	'Yellow tomato'	C h P r u Wt Y	3	Ind Inter	1	2-2	C-R	1.0-2.0	2	3	3	1	2-3	1	3	Susc	

TABLE 8b.

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters							Disease Reaction			
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
							Amt.	Type									
b. Type species, including <i>f. pyriforme</i> and <i>var. cerasiforme</i>																	
65023	Balearics	USDA Fairchild, Armour	Exp. C h R U wt Y	3	Prostr	3	—	—	1.5	3	5	2	—	2-3	1	3	—
91908	Bulgaria	USDA Dickson No. 443	C h R U Wt Y	3	Inter	3	—	—	1.5-2.0	1	3	1	—	4-5	2	4	—
91909	Bulgaria	USDA Dickson No. 444	C h R U Wt Y	3	Inter	3	—	—	2.0	1	5	1	—	many	2	5	—
91911	Bulgaria	USDA Dickson No. 446	C h R U wt Y	3	Prostr	3	—	—	2.5	1	2	1	—	many	4	5	—
91912	Bulgaria	USDA Dickson No. 447	C h P R U Wt Y	2	Inter	2	5	R	2.0	1	5	1	3	many	2	5	Susc
91913	Bulgaria	USDA Dickson No. 448	C h R U Wt Y	3	Erect	3	—	—	2.5	1	2	5	—	5-many	2	1	—
91914	Bulgaria	USDA Dickson No. 449	C h R U wt Y	3	Inter	3	—	—	2.0	1	3	1	—	many	5	5	—
91916	Bulgaria	USDA Dickson No. 451	C h R U Wt Y	3	Prostr	3	—	—	2.0	2	4	1	—	3-many	2	5	—
91917	Bulgaria	USDA Dickson No. 452	C h R U Wt Y	2	Inter	3	—	—	2.0	1	3	1	—	4-many	2	3	—
91919	Bulgaria	USDA Dickson No. 454	C h R U Wt Yy	3	Inter	3	—	—	2.5	1	3	2	—	many	2	4	—
92356	Mexico	USDA Erlanson & Souviron No. 80	C h P R U Wt Y	3	Inter	3	1	—	1.5	5	2	4	4	3-5	2	4	Susc
92853	China	USDA Dorsett, Morse No. 6804	C h r U Wt Y	2	Inter	3	—	—	1.5	2	3	2	—	3-5	1	2	—
92854	China	USDA Dorsett, Morse No. 6805	C h R U Wt Y	3	Erect	3	—	—	1.75	1	4	4	—	3-5	2	3	—
92855	China	USDA Dorsett, Morse No. 6806	C h R U Wt Y	3	Inter	3	—	—	1.5	3	5	2	—	2-3	2	3	—
92856	China	USDA Dorsett, Morse No. 6807	C h R U Wt Y	2	Inter	3	—	—	2.0	1	4	2	—	3-5	2	3	—
92857	China	USDA Dorsett, Morse No. 6808	C h R U Wt Y	2	Inter	3	—	—	2.0	2	3	3	—	3-5	2	3	—
92858	China	USDA Dorsett, Morse No. 6809	C h R U Wt y	2	Inter	2	—	—	1.5	1	3	1	—	3-many	2	4	—
92859	China	USDA Dorsett, Morse No. 6810	C h R U Wt Y	2	Inter	2	—	—	1.75	1	3	3	—	3-many	2	4	—
92860	China	USDA Dorsett, Morse No. 6811	C h R U Wt Y	2	Inter	3	—	—	2.0	1	4	2	—	3-5	2	4	—
92861	China	USDA Dorsett, Morse No. 6812	C h R U wt Y	2	Inter	3	—	—	1.75	1	2	3	—	3-4	2	3	—
92862	China	USDA Dorsett, Morse No. 6813	C h R U Wt Y	2	Inter	3	—	—	2.0	1	3	2	—	3-5	2	3	—
92863	Manchuria	USDA Dorsett, Morse No. 6869	C h R U wt Y	2	Inter	3	—	—	1.75	2	2	3	—	5-many	2	3	—
92864	China	USDA Dorsett, Morse No. 6883	C h P R U wt Y	3	Inter	2	3	C	2.0	1	5	1	2	2-4	4	4	Susc
92865	China	USDA Dorsett, Morse No. 6884	C h p R U wt Y	1	Erect	2	1	—	1.5	4	3	1	4	2	1	3	Susc
92866	China	USDA Dorsett, Morse No. 6885	C h r U wt Y	2	Inter	2	—	—	0.75-1.0	5	5	1	—	2-3	1	4	—
93302	China	USDA Dorsett, Morse No. 6920	C h p r U Wt Y	3	Inter	2	1	—	1.0	2	4	1	3	2-3	1	3	Susc
95583	Manchuria	Presented by M. Chara No. 1	C h R U Wt Y	1	Inter	2	—	—	1.75	1	3	2	—	3-5	2	3	—
95584	Manchuria	Presented by M. Chara No. 2	C h R U Wt Yy	2	Inter	2	—	—	2.25	1	3	1	—	many	2	4	—
95585	Manchuria	Presented by M. Chara No. 3	C h R U Wt Yy	2	Inter	3	—	—	2.0	1	4	3	—	3-many	2	4	—
95586	Manchuria	Presented by M. Chara No. 4	C h R U Wt Y	3	Inter	3	—	—	2.0	1	4	3	—	2-many	4	3	—
95587	Manchuria	Presented by M. Chara No. 5	C h R U wt Y	3	Inter	3	—	—	1.25	1	4	3	—	2-5	2	3	—
95588	Manchuria	Presented by M. Chara No. 6	C h p r U wt Y	3	Prostr	2	—	—	1.0	1	5	1	—	3-5	1	5	—
95589	Manchuria	Presented by M. Chara No. 7	C h R U Wt Y	2	Inter	2	—	—	2.0	1	5	1	—	many	2	5	—
95590	Manchuria	Presented by M. Chara No. 8	C h R U Wt Y	3	Inter	3	—	—	2.0	1	4	1	—	many	2	3	—
95592	Manchuria	Presented by M. Chara No. 10	C h R U Wt Y	3	Inter	3	—	—	1.5	1	4	1	—	4-many	2	3	—

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosac	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
97321	Mexico	USDA MacMillan & Erlanson No. 1	C h P R U Wt Yy	3	Inter	3	3	R	1.25	1	3	3	2	2-4	1	3	Susc	
97538	Argentina	Schultz, Tucuman Exp. Sta.	C h p R U Wt Yy	4	Inter	4	3	C	1.5	1	4	1	2	3-5	2	4	Susc	
99782	Peru	USDA MacMillan & Erlanson No. 233	C h p R U Wt Y	2	Inter	3	1	-	1.5	1	5	1	4	many	5	5	Susc	
100697	Peru	USDA MacMillan & Erlanson No. 321	C h P R U wt y	3	Inter	3	2	C	1.0	1	5	1	1	3-many	5	4	Susc	
102714	U.S.S.R.	Inst. Pl. Ind., Leningr. No. 924	C h R U Wt Y	2	Inter	2	-	-	2.75	1	3	2	-	many	1	2	-	
102715	U.S.S.R.	Inst. Pl. Ind., Leningr. No. 926	C h R U Wt Y	2	Inter	3	-	-	2.0	1	3	1	-	3-many	1	4	-	
102716	U.S.S.R.	Inst. Pl. Ind., Leningr. No. 927	C h R U wt Y	2	Inter	2	-	-	1.5	1	3	1	-	many	1	3	-	
102717	U.S.S.R.	Inst. Pl. Ind., Leningr. No. 930	C h p R U Wt Y	4	Inter	3	2	C	1.5	2	5	1	2	3-many	1	4	Susc	
102719	U.S.S.R.	Inst. Pl. Ind., Leningr. No. 932	C h R U Wt Y	2	Inter	2	-	-	1.0	2	3	1	-	3-many	1	3	-	
102720	U.S.S.R.	Inst. Pl. Ind., Leningr. No. 942	C h R U Wt Y	2	Inter	3	-	-	2.0	1	3	1	-	4-many	2	4	-	
102721	U.S.S.R.	Inst. Pl. Ind., Leningr. No. 975	C h R U Wt Y	3	Erect	3	-	-	2.0	1	3	3	-	many	2	1	-	
102722	U.S.S.R.	Inst. Pl. Ind., Leningr. No. 976	C h R U Wt Y	1	Inter	3	-	-	2.0	2	1	1	-	3-5	2	4	-	
102724	U.S.S.R.	Inst. Pl. Ind., Leningr. No. 978	C h p R U wt Y	3	Inter	4	3	C	2.25	1	2	5	1	3-5	4	5	Susc	
102725	U.S.S.R.	Inst. Pl. Ind., Leningr. No. 979	C h R U wt Y	2	Inter	3	-	-	2.25	1	3	1	-	4-5	2	5	-	
102884	China	Hopeh Province No. 10	C h R U wt Y	1	Inter	2	-	-	2.25	1	3	1	-	many	2	5	-	
102885	China	Hopeh Province No. 11	C h R U Wt Y	1	Inter	1	-	-	2.0	1	2	1	-	many	2	3	-	
102886	China	Hopeh Province No. 12	C h R U Wt Y	3	Prostr	2	-	-	2.25	1	5	1	-	many	2	3	-	
103055	China	Pur. in Peiping No. 4	C h P R U wt Y	3	Inter	3	2	R	2.50	1	3	3	4	many	4	4	Susc	
105225	Australia	Queensland	C h p R U Wt Y	2	Inter	3	2	R	1.75	1	5	1	2	3-many	4	5	Susc	
105266	Turkey	Merzifon Area	C h R U wt Y	4	Inter	3	-	-	3.0	1	3	5	-	5-many	5	2	-	
105267	Turkey	Merzifon Area	C h R U wt Y	4	Inter	3	-	-	2.25	1	3	5	-	3-many	2	2	-	
105342	China	Coll. west of Peiping	C h p R U wt y	1	Inter	3	3	C	2.0	1	3	1	3	3-many	1	5	Susc	
108244	Germany	Tobacco Res. Inst.	C h rt U Wt Y	3	Prostr	1	-	-	1.0	2	3	5	-	2	1	4	-	
108246	Germany	Tobacco Res. Inst.	C h p R U Wt Y	2	Inter	3	3	R	1.0	5	1	1	3	2-3	1	3	Susc	
109112	Turkey	USDA Westover-Enlow T-38	C h R U wt Y	4	Inter	2	-	-	2.75	1	3	3	-	many	5	3	-	
109316	Turkey	USDA Westover-Enlow T-280	C h R U Wt Y	3	Inter	3	-	-	2.5	1	3	3	-	many	5	3	-	
109512	Turkey	USDA Westover-Enlow T-529	C h R U Wt Y	2	Inter	2	-	-	2.0	1	4	1	-	many	4	5	-	
109513	Turkey	USDA Westover-Enlow T-409	C h R U Wt Y	3	Erect	3	-	-	2.5	1	3	5	-	many	4	1	-	
110596	England	Cambridge Univ. Bot. Gard.	C H R u wt Y	4	Inter	3	-	-	1.0	3	4	3	-	2	1	4	-	
110597	England	Cambridge Univ. Bot. Gard.	C h R U Wt y	4	Inter	2	-	-	1.25	5	5	1	-	2	1	3	-	
114034	Iraq	Dir. of Agr., Baghdad	C h P R U Wt Y	3	Inter	3	1-2	C-R	2.5-3.5	1	1	4	4	many	5	3	Susc	
114490	England	Dir. Roy. Bot. Gard., Kew	C h P RrU Wt Y	3	Inter	3	1	-	1.0	1	3	3	3	2-3	1	4	Susc	
114611	Czechoslovakia	Dir. Bot. Gard. Tabor	C h P R U Wt Y	3	Inter	3	1-2	C-R	3.0-4.0	1	1	5	4	many	5	2	Susc	
114965	Ceylon	USDA W. Koelz No. 75	C h R U Wt Yy	5	Inter	3	-	-	1.5	1	5	1	-	many	5	3	-	
114966	Egypt	Suez Market No. 121 Koelz	C h R U Wt Y	3	Inter	3	-	-	2.5	1	3	1	-	many	2	4	-	
114968	India	USDA W. Koelz No. 207	C h R U Wt Y	3	Inter	3	-	-	1.25	2	3	1	-	3	1	4	-	
114969	India	USDA W. Koelz No. 237	C h R U Wt Y	4	Inter	1	-	-	1.0	2	5	2	-	2-3	1	3	-	

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Disease Reaction	
							Amt.	Type								Alter- naria	Mosaic
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																	
115601	Turkey	USDA Westover-Wellman No. 80	C h R U Wt Y	3	Inter	1	—	—	2.5	1	5	1	—	many	2	5	—
116047	India	USDA W. Koelz No. 467	C h R U Wt Y	3	Inter	2	—	—	1.75	1	5	1	—	2-many	4	4	—
116219	Morocco	Dir., Central Res. Sta., Rabat	C h R U Wt Y	4	Inter	3	—	—	2.75	1	4	1	—	many	2	4	—
116954	India	USDA W. Koelz No. 895	C h P R U Wt Y	3	Ind Inter	2	2-2	C-R	2.0-2.5	1,2	1	5	2	many	4	1	Susc
117222	Turkey	USDA Westover-Wellman No. 110	C h P R U Wt Y	3	Inter	3	1	—	1.25	1, 2, 3, 5	3	3	3	2-4	1	3	Susc
117563	Brazil	USDA W. A. Archer No. 3464	C h R U Wt Y	5	Inter	3	—	—	1.75	3	4	2	—	2	1	4	—
117564	Brazil	USDA W. A. Archer No. 3472	C h R U Wt Y	5	Inter	3	—	—	1.75	5	5	1	—	2-3	1	4	—
117565	Brazil	USDA W. A. Archer No. 3490	C h R U Wt Y	5	Erect	3	—	—	2.5	1	2	3	—	4	2	4	—
117566	Brazil	USDA W. A. Archer No. 3489	C h R U Wt Y	4	Inter	3	—	—	2.0	4	5	3	—	2	1	3	—
117567	Brazil	USDA W. A. Archer No. 3491	C h R U Wt Y	3	Inter	2	—	—	1.5	3	4	2	—	2-3	1	4	—
117897	Brazil	USDA W. A. Archer No. 3543	C h R U Wt Y	4	Inter	3	—	—	1.5	3	4	2	—	2-3	1	4	—
117898	Brazil	USDA W. A. Archer No. 3544	C h R U Wt Y	3	Prostr	3	—	—	1.5	3	5	3	—	2-3	1	3	—
117899	Brazil	USDA W. A. Archer No. 3552	C h R U Wt Y	2	Inter	2	—	—	1.5	3	5	3	—	2-3	1	4	—
117900	Brazil	USDA W. A. Archer No. 3580	C h R U Wt Y	5	Inter	3	—	—	2.5	1	3	2	—	many	2	3	—
118324	Brazil	USDA W. A. Archer No. 3806A	C h R U Wt Y	4	Prostr	1	—	—	1.5	2	5	1	—	2-3	1	4	—
118325	Brazil	USDA W. A. Archer No. 3807A	C h p R U Wt Y	2	Inter	3	1	—	2.5	4	5	2	3	2-3	1	4	Susc
118326	Brazil	USDA W. A. Archer No. 3808A	C h R U Wt Y	4	Inter	3	—	—	2.5	1	3	1	—	many	5	5	—
118327	Brazil	USDA W. A. Archer No. 3840	C h R U Wt Yy	4	Inter	3	—	—	2.5	1	2	4	—	many	2	3	—
118404	Venezuela	USDA R. Stadelman	C h R U Wt y	4	Inter	3	—	—	3.0	1	4	1	—	many	5	4	—
118406	Venezuela	USDA R. Stadelman	C h R U Wt Yy	3	Inter	3	—	—	2.0	1	3	3	—	many	5	2	—
118408	Venezuela	USDA R. Stadelman	C h R U Wt y	3	Inter	3	—	—	2.0	1	3	1	—	many	4	1	—
118611	India	Kashmir USDA W. Koelz No. 1006	C h R U Wt Y	5	Inter	3	—	—	1.5	2	4	3	—	3-many	1	1	—
118685	Brazil	USDA W. A. Archer No. 4003	C h p R U Wt Y	2	Inter	3	2	C	2.5	1	2	2	2	2-many	4	2	Susc
118778	Brazil	USDA W. A. Archer No. 4070	C h p R U Wt Y	3	Inter	3	1	—	1.0	3	1	3	3	2-3	1	1	Susc
118782	Venezuela	USDA R. Stadelman No. 1	C h p R U Wt Y	3	Inter	4	2	C	2.5	1	3	2	1	many	5	3	Susc
118783	Venezuela	USDA R. Stadelman No. 2	C h p R U Wt Y	3	Inter	4	2	C	2.25	1	2	4	2	many	5	3	Susc
118785	Venezuela	USDA R. Stadelman No. 4	C h p R U Wt Y	3	Inter	3	1	—	1.5	1	4	2	1	4-5	1	3	Susc
118787	Venezuela	USDA R. Stadelman No. 6	C h p R U Wt Y	3	Inter	3	2	C	2.5	1	3	5	3	many	5	4	Susc
118788	Venezuela	USDA R. Stadelman No. 7	C h p R U Wt Y	3	Inter	4	1	—	2.25	1	2	3	2	4-many	5	2	Susc
118789	Venezuela	USDA R. Stadelman No. 8	C h p R U Wt Y	3	Inter	3	1	—	2.0	1	1	5	3	many	5	2	Susc
118790	Venezuela	USDA R. Stadelman No. 9	C h p R U Wt y	3	Inter	3	1	—	1.0	1	1	4	1	3	1	3	Susc
119105	Brazil	USDA W. A. Archer No. 4313	C h p R U Wt Y	3	Inter	4	3	C	1.75	1	4	3	3	2-3	1	1	Susc
119215	Venezuela	USDA R. Stadelman	C h p R U Wt Y	2	Inter	3	2	C	1.25	1	2	3	3	2-3	2	1	Susc
119446	Venezuela	USDA R. Stadelman	C h R U Wt Yy	3	Erect	2	—	—	3.0-3.5	1	3	4	—	many	5	3	—
119776	Argentina	USDA W. A. Archer No. 4511	C h p R U Wt Y	2	Inter	3	3	C	2.75	1	2	4	3	many	4	3	Susc
119777	Argentina	USDA W. A. Archer No. 4512	C h R U Wt Y	3	Inter	3	—	—	2.5	1	3	4	—	many	2	3	—
119778	Argentina	USDA W. A. Archer No. 4513	C h p R U Wt Y	2	Inter	4	2	C	2.5	1	3	1	2	many	4	4	Susc
120253	Turkey	USDA Westover, Wellman No. 526	C h R U Wt Yy	3	Inter	3	—	—	2.0	1	3	1	—	4-many	2	4	—
120254	Turkey	USDA Westover, Wellman No. 588	C h R U Wt Y	3	Inter	3	—	—	2.5	1	3	3	—	4-many	5	4	—
120256	Turkey	USDA Westover, Wellman No. 1543	C h R U Wt Yy	3	Erect	3	—	—	2.0-3.0	1	2	3	—	many	4	3	—
120257	Turkey	USDA Westover, Wellman No. 1689	C h R U Wt Y	3	Erect	3	—	—	2.0-2.5	1	1	5	—	many	4	2	—
120258	Turkey	USDA Westover, Wellman No. 1836	C h R U Wt Y	4	Erect	3	—	—	2.5	1	2	5	—	many	4	3	—
120259	Turkey	USDA Westover, Wellman No. 2027	C h R U Wt Y	3	Inter	3	—	—	2.0	1	1	4	—	many	4	2	—

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
120260	Turkey	USDA Westover, Wellman No. 2133	C h R U wt Y	3	Inter	3	—	—	2.0-3.0	1	2	4	—	many	4	3	—	
120261	Turkey	USDA Westover, Wellman No. 2221	C h R U Wt Y	1	Erect	3	—	—	2.0-3.0	1	2	5	—	many	4	2	—	
120262	Turkey	USDA Westover, Wellman No. 2255	C h R U Wt Y	3	Inter	2	—	—	1.25	2	4	4	—	2-3	2	3	—	
120263	Turkey	USDA Westover, Wellman No. 2374	C h R U Wt Y	2	Inter	3	—	—	2.25	1	4	2	3	2-many	1	4	—	
120264	Turkey	USDA Westover, Wellman No. 2532	C h p R U Wt Y	3	Inter	3	2	C	1.5	1	4	2	3	2-many	1	3	Susc	
120265	Turkey	USDA Westover, Wellman No. 2595	C h R U Wt Y	2	Inter	3	—	—	1.25	2	3	2	—	3	1	3	—	
120266	Turkey	USDA Westover, Wellman No. 2718	C h R U Wt Y	3	Erect	3	—	—	2.0	1	2	1	—	5-many	2	2	—	
120267	Turkey	USDA Westover, Wellman No. 2740	C h R U Wt Y	3	Inter	3	—	—	1.25	1	3	3	—	3-4	1	2	—	
120268	Turkey	USDA Westover, Wellman No. 2743	C h R U Wt Y	1	Inter	3	—	—	1.25	1	3	3	—	3-5	1	3	—	
120269	Turkey	USDA Westover, Wellman No. 2888	C h R U Wt Y	3	Inter	3	—	—	3.0	1	1	5	—	many	4	3	—	
120270	Turkey	USDA Westover, Wellman No. 2906	C h R U Wt Y	2	Inter	3	—	—	1.5	5	3	4	—	2-3	1	3	—	
120271	Turkey	USDA Westover, Wellman No. 3003	C h R U Wt Y	3	Inter	3	—	—	3.0	1	2	5	—	many	5	3	—	
120272	Turkey	USDA Westover, Wellman No. 3053	C h R U Wt Y	3	Erect	3	—	—	2.25	1	2	5	—	many	4	3	—	
120273	Turkey	USDA Westover, Wellman No. 3083	C h R U wt Y	3	Inter	2	—	—	2.5	1	2	4	—	many	4	4	—	
120274	Turkey	USDA Westover, Wellman No. 3133	C h R U Wt Y	4	Erect	3	—	—	2.75	1	3	4	—	many	4	3	—	
120275	Turkey	USDA Westover, Wellman No. 3172	C h R U Wt Y	4	Erect	4	—	—	3.25	1	1	3	—	many	4	3	—	
120276	Turkey	USDA Westover, Wellman No. 3211	C h R U Wt Y	4	Erect	4	—	—	3.0	1	1	5	—	many	4	3	—	
120277	Turkey	USDA Westover, Wellman No. 3254	C h R U Wt Y	3	Inter	3	—	—	2.25	1	2	3	—	many	4	5	—	
120278	Turkey	USDA Westover, Wellman No. 3283	C h R U Wt Y	2	Prostr	3	—	—	2.25	1	3	1	—	many	4	5	—	
121345	India	USDA W. Koelz No. 1865	C h R U Wt Yy	4	Inter	3	—	—	2.25	1	3	2	—	3-many	2	3	—	
121436	India	USDA W. Koelz No. 2115	C h R U Wt Y	1	Inter	3	—	—	1.75	1	3	3	—	5	2	2	—	
121437	India	USDA W. Koelz No. 1918	c h R U Wt Y	3	Inter	2	—	—	1.25	2	3	3	—	3-many	2	2	—	
121438	India	USDA W. Koelz No. 1148	C h R U Wt Yy	2	Inter	2	—	—	1.0	1	5	2	—	2-4	1	3	—	
123538	India	USDA W. Koelz No. 2396	C h p R U Wt y	2	Inter	3	2	C	1.75	1	2	3	2	3-5	2	2	Susc	
124034	Peru	USDA L. C. Corbett	C h R U Wt y	2	Inter	3	1	—	2.75	1	3	3	3	many	4	3	Susc	
124035	Peru	USDA L. C. Corbett	C h R U Wt Y	3	Inter	4	—	—	2.25	1	2	4	—	many	4	3	—	
124036	Argentina	USDA L. C. Corbett	C h R U Wt Y	3	Erect	3	—	—	1.0-2.5	3	5	3	—	2	—	3	—	
124037	Chile	USDA L. C. Corbett	C h R U Wt Y	3	Erect	4	—	—	2.5	1	2	5	—	5-many	2	1	—	
124038	Peru	USDA L. C. Corbett	C h R U Wt Y	4	Prostr	3	—	—	1.0	1	3	1	—	many	2	5	—	
124133	India	USDA W. Koelz No. 2559	C h p R U Wt Y	2	Inter	3	2	C	1.25	3	3	2	2	2-4	1	2	Susc	

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters									
				Vine Size	Growth and Habit	Leaf-let Size	Cracking		Size Inches	Shape	Set	Maturity	Intensity Color	Number Locules	Fasciation	Disease Reaction	
							Amt.	Type								Alter-naria	Mosaic
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																	
124161	Guatemala	USDA R. Stadelman	Ch R U Wt Y	3	Inter	3	—	—	1.25	1	3	3	—	many	2	2	—
124162	Guatemala	USDA R. Stadelman	Ch R U Wt Y	3	Erect	4	—	—	1.5	1	2	5	—	4	2	1	—
124163	Guatemala	USDA R. Stadelman	Ch R U Wt Yy	4	Inter	3	—	—	1.0	2	3	3	—	2-3	1	1	—
124165	Venezuela	USDA R. Stadelman	Ch P R U Wt Y	3	Erect	2	—	—	1.0	1	4	3	—	4-many	2	2	Susc
124235	India	USDA W. Koelz No. 2609	Ch R U Wt Yy	3	Inter	3	—	—	3.0	1	3	1	—	many	2	4	—
124473	India	USDA W. Koelz No. 2785	Ch R U Wt Yy	4	Inter	3	—	—	2.25	1	3	2	—	many	5	2	—
124474	India	USDA W. Koelz No. 2815	Ch R U Wt Y	3	Inter	3	—	—	1.5	1	3	2	—	3-many	4	3	—
124581	India	USDA W. Koelz No. 2796	Ch p R U Wt Y	2	Inter	3	3	R	2.0	1	4	1	3	3-4	2	3	Susc
124582	India	USDA W. Koelz No. 2797	Ch P R U wt Y	3	Inter	3	2-2	C-R	1.5-3.0	1	1	5	3	many	1-5	2	Susc
125830	Afghanistan	USDA W. Koelz No. 3341	Ch p R U Wt Y	3	Inter	3	3	C	1.5	1	1	2	5	3-many	5	1	Susc
125831	Afghanistan	USDA W. Koelz No. 3512	Ch p t U wt Y	3	Erect	4	1	—	2.5	1	3	1	4	many	4	2	Susc
126407	Panama	USDA H. L. Blood No. 1	Ch p R U Wt Y	3	Inter	3	3	C	1.75	1	4	1	2	3-many	4	4	Susc
126408	Panama	USDA H. L. Blood No. 2	Ch p R U Wt Y	2	Inter	3	2	C	1.5	1	3	1	5	3-5	2	3	Susc
126409	Peru	USDA H. L. Blood No. 33	Ch p R U Wt Y	3	Erect	3	1	—	1.5	1	3	1	4	3-many	1	2	Susc
126410	Peru	USDA H. L. Blood No. 39B	Ch p R U Wt Y	3	Erect	3	1	—	1.5	1	2	2	4	3-many	4	3	Susc
126411	Peru	USDA H. L. Blood No. 39C	Ch p R U Wt Y	3	Inter	3	2	R	1.5	2	5	1	3	3-many	1	5	Susc
126412	Peru	USDA H. L. Blood No. 44	Ch R U Wt y	2	Inter	3	1	—	2.0	1	4	5	1	many	4	3	Susc
126413	Peru	USDA H. L. Blood No. 46	Ch r U Wt Y	2	Inter	3	2	C	2.5	1	4	5	1	many	4	2	Susc
126414	Peru	USDA H. L. Blood No. 47	Ch R U Wt y	3	Inter	3	2	R	1.75	1	1	5	2	many	4	1	Susc
126415	Peru	USDA H. L. Blood No. 48	Ch p R U Wt Y	3	Inter	2	1	—	1.5	1	2	2	3	many	1	1	Susc
126416	Peru	USDA H. L. Blood No. 49	Ch R U Wt Y	4	Inter	3	—	—	1.25	1	4	2	—	3-many	1	5	—
126417	Peru	USDA H. L. Blood No. 50	Ch R U Wt Y	2	Erect	3	1	—	1.25	3	1	3	3	2-3	1	2	Susc
126418	Peru	USDA H. L. Blood No. 52	Ch R U Wt Y	3	Inter	2	1	—	1.5	1	3	2	4	2-many	1	2	Susc
126419	Peru	USDA H. L. Blood No. 53	Ch p R U Wt Y	3	Inter	3	2	R	1.75	1	4	3	4	many	4	4	Susc
126420	Peru	USDA H. L. Blood No. 55	Ch p R U Wt Y	3	Inter	3	2	C	1.75	3	2	2	4	3	1	3	Susc
126421	Peru	USDA H. L. Blood No. 56	Ch p R U Wt Y	3	Inter	4	1	—	1.75	1	3	4	4	many	2	2	Susc
126422	Peru	USDA H. L. Blood No. 57	Ch P R U Wt Y	2	Inter	2	2	C	1.5	1	3	4	4	3-many	4	3	Susc
126423	Peru	USDA H. L. Blood No. 59	Ch p R U wt Y	2	Inter	2	2	C	1.5	1	3	1	4	many	4	5	Susc
126424	Peru	USDA H. L. Blood No. 60	Ch P R U wt Y	2	Inter	1	1	—	1.0	3	4	3	3	3-many	1	3	Susc
126425	Peru	USDA H. L. Blood No. 62	Ch p R U wt Y	2	Inter	2	1	—	1.0	2	3	3	4	2-3	2	1	Susc
126426	Peru	USDA H. L. Blood No. 68	Ch R U wt Y	3	Erect	2	2	C	2.5	1	3	5	4	many	5	3	Susc
126427	Peru	USDA H. L. Blood No. 32	Ch p t U Wt Y	3	Inter	3	2	C	1.5	1	1	1	4	3-many	2	2	Susc
126428	Peru	USDA H. L. Blood No. 61	Ch P R U wt y	3	Inter	3	3	R	1.5	1	3	1	4	4-many	1	2	Susc
126429	Peru	USDA H. L. Blood No. 39A	Ch P R U wt Y	3	Inter	3	1	—	1.25	2	1	2	3	3-many	1	3	Susc
126451	Peru	USDA H. L. Blood No. 43	Ch p R U wt Y	3	Inter	2	4	R	1.75	1	4	4	3	many	5	5	Susc
126452	Peru	USDA H. L. Blood No. 45	Ch p R U Wt y	3	Inter	2	5	R	1.25	2	2	2	2	3-many	1	2	Susc
126906	Peru	USDA H. L. Blood No. 73	CH P R U wt y	3	Inter	2	2	C	2.25	1	2	3	3	3-many	2	3	Susc
126907	Peru	USDA H. L. Blood No. 109	CH P R U Wt Y	2	Inter	2	3	C	2.0	1	2	1	2	many	5	5	Susc
126908	Peru	USDA H. L. Blood No. 110	CH P R U wt Y	3	Inter	3	5	C	1.5	1	4	2	2	many	4	5	Susc
126909	Peru	USDA H. L. Blood No. 104	CH P R U Wt Y	3	Inter	3	3	C	1.75	1	3	2	1	many	4	5	Susc
126910	Peru	USDA H. L. Blood No. 116	Ch P R U wt y	3	Inter	3	2	C	1.5	1	5	2	2	3-many	2	5	Susc
126911	Peru	USDA H. L. Blood No. 117	Ch p R U Wt Y	3	Inter	3	2	R	1.75	1	5	3	1	many	5	5	Susc
126913	Peru	USDA H. L. Blood No. 121	Ch R U Wt Yy	3	Inter	3	—	—	1.25	1	4	1	—	4-many	4	5	—
126914	Peru	USDA H. L. Blood No. 122	Ch p R U Wt Y	3	Prostr	3	2	C	0.75	1	1	2	3	3-many	4	3	Susc
126916	Peru	USDA H. L. Blood No. 126	Ch p R U wt Y	3	Inter	3	2	R	2.0	1	4	2	1	many	5	3	Susc
126917	Peru	USDA H. L. Blood No. 134	Ch R U Wt Y	3	Inter	2	—	—	1.25	1	4	1	—	many	5	5	—
126918	Peru	USDA H. L. Blood No. 150	Ch R U Wt Y	3	Inter	2	—	—	1.5	1	3	4	—	3-many	4	1	—
126919	Peru	USDA H. L. Blood No. 151	Ch p U wt Y	3	Erect	2	2	C	2.25	1	1	5	1	3-many	4	3	Susc
126920	Peru	USDA H. L. Blood No. 153	Ch p R U wt Y	3	Inter	2	2	C	2.0	1	2	1	5	many	5	2	Susc
126921	Peru	USDA H. L. Blood No. 101	CH P R U wt Y	4	Inter	3	2-2	C-R	1.5	1	4	2	3	many	5	4	Susc

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
126922	Peru	USDA H. L. Blood No. 152	Ch p R U wt Y	3	Inter	2	2	C	1.5	1	3	1	4	2-many	1	1	Susc	
126942	Peru	USDA H. L. Blood No. 70	Ch p R U wt Y	3	Inter	3	1	-	0.62	2	3	1	2	2-3	1	1	Susc	
126950	Peru	USDA H. L. Blood No. 120	Ch p R U Wt Y	3	Inter	3	2	C	1.25	1	4	2	3	4-many	2	3	Susc	
126955	Peru	USDA H. L. Blood No. 149	Ch R U Wt Yy	2	Inter	3	-	-	1.25	5	3	1	-	2-many	1	4	-	
127467	Afghanistan	USDA W. Koelz No. 4107	Ch p R U wt y	4	Inter	4	3	C	1.5	1	3	3	3	2-many	2	3	Susc	
127468	Afghanistan	USDA W. Koelz No. 4111	Ch p R U wt Y	4	Inter	2	2	C	1.5	1	1	1	3	2-many	1	2	Susc	
127794	Peru	USDA H. L. Blood No. 154	Ch p R U wt Y	5	Inter	4	2	C	2.25	1	2	1	4	many	5	3	Susc	
127795	Peru	USDA H. L. Blood No. 155	Ch p R U wt Y	4	Inter	3	1	-	1.75	1	2	2	5	many	4	1	Susc	
127796	Peru	USDA H. L. Blood No. 155-A	Ch P R U wt Y	3	Inter	4	2	R	2.25	1	3	2	1	many	4	4	Susc	
127797	Peru	USDA H. L. Blood No. 156	CH P R U wt Y	3	Inter	3	4	C	2.0	1	4	2	2	many	4	5	Susc	
127798	Peru	USDA H. L. Blood No. 157	CH P R U Wt Y	3	Inter	4	4	R	2.0	1	4	1	3	many	5	2	Susc	
127800	Peru	USDA H. L. Blood No. 159	Ch p R U wt Y	3	Inter	4	3	C	2.25	1	1	1	4	many	4	5	Susc	
127801	Peru	USDA H. L. Blood No. 160	Ch P R U wt Y	3	Inter	4	2	R	2.0	1	2	2	4	many	4	5	Susc	
127803	Peru	USDA H. L. Blood No. 164	CH P R U Wt Y	3	Inter	2	5	C	1.5	1	4	2	3	many	2	4	Susc	
127804	Peru	USDA H. L. Blood No. 165	Ch P R U wt Y	3	Inter	3	3	R	1.5	1	4	1	3	2-many	4	4	Susc	
127810	Peru	USDA H. L. Blood No. 198	Ch P R U Wt Y	3	Inter	3	2	R	1.25 x 2.5	5	3	2	3	2	1	2	Susc	
127811	Peru	USDA H. L. Blood No. 199	Ch p R U wt Y	3	Inter	3	2	R	1.5	1	1	2	3	2-4	1	1	Susc	
127812	Peru	USDA H. L. Blood No. 200	Ch p R U wt Yy	4	Inter	3	3	R	1.25	3	1	2	2	2-3	1	2	Susc	
127813	Peru	USDA H. L. Blood No. 201	CH P R U wt Y	4	Inter	4	3	C	1.5	3	2	2	1	2	1	1	Susc	
127814	Peru	USDA H. L. Blood No. 202	Ch p R U wt y	4	Inter	4	3	C	1.0	3	3	2	2	-	1	1	Susc	
127815	Peru	USDA H. L. Blood No. 219	Ch R U Wt Yy	4	Inter	3	-	-	1.0	1	3	2	-	3-5	2	2	-	
127816	Peru	USDA H. L. Blood No. 220	CH p R U wt y	3	Inter	3	3	C	1.25	1	1	1	2	many	5	4	Susc	
127817	Peru	USDA H. L. Blood No. 221	Ch p R U Wt y	4	Inter	4	3	R	1.0	3	4	1	3	2	1	3	Susc	
127818	Peru	USDA H. L. Blood No. 222	Ch P R U wt Y	3	Inter	4	3	C	2.5	1	2	3	3	many	4	3	Susc	
127819	Bolivia	USDA H. L. Blood No. 232	Ch P R U wt Y	3	Inter	3	3	C	2.5	1	3	1	4	many	5	3	Susc	
127820	Bolivia	USDA H. L. Blood No. 233	Ch P R U Wtwt Y	2	Inter	3	5	C	1.25	2	3	1	5	3	1	3	Susc	
127821	Bolivia	USDA H. L. Blood No. 234	Ch p R U Wt Y	3	Inter	3	1	-	2.0	1	4	2	4	many	4	4	Susc	
127822	Bolivia	USDA H. L. Blood No. 235	Ch p R U wt Y	2	Inter	2	2	R	2.0	1	2	1	2	many	4	4	Susc	
127823	Bolivia	USDA H. L. Blood No. 243	Ch p R U wt Y	3	Inter	3	3	C	2.25	1	2	1	4	many	5	3	Susc	
127824	Bolivia	USDA H. L. Blood No. 244	Ch P R U Wt Y	3	Inter	3	2-2	C-R	2.5	1	4	2	3	many	5	4	Susc	
127825	Bolivia	USDA H. L. Blood No. 184	Ch P R U wt Y	3	Inter	4	3	C	1.75	1	4	5	4	many	4	5	Susc	
128174	Guatemala	USDA R. Stadelman No. 18	Ch p R U Wt Y	3	Inter	3	1	-	1.0	1	3	3	4	many	2	2	Susc	
128215	Bolivia	USDA H. L. Blood No. 228	Ch p R U wt Y	3	Inter	3	3	C	1.5	1	2	1	4	many	1	2	Susc	
128216	Bolivia	USDA H. L. Blood No. 239	Ch R U Wt Y	4	Inter	3	-	-	1.25	2	2	3	-	3-4	1	1	-	
128217	Bolivia	USDA H. L. Blood No. 246	Ch p R U wt Y	3	Inter	3	2	C	2.25	1	1	1	1	many	5	3	Susc	
128218	Bolivia	USDA H. L. Blood No. 247	Ch r R U wt Y	4	Inter	3	-	-	2.5	1	1	1	-	many	5	1	-	
128219	Bolivia	USDA H. L. Blood No. 248	Ch r U wt Y	4	Inter	2	-	-	2.0	1	3	1	-	many	5	2	-	
128220	Bolivia	USDA H. L. Blood No. 249	Ch r U Wt Y	4	Erect	2	-	-	1.5	1	1	3	-	many	5	2	-	
128221	Bolivia	USDA H. L. Blood No. 250	Ch p R U wt Y	3	Inter	3	2	R	1.75	1	4	1	1	many	5	2	Susc	
128222	Bolivia	USDA H. L. Blood No. 251	Ch p R U wt Y	3	Inter	3	2	C	1.25	2	4	1	2	3-many	1	3	Susc	
128223	Bolivia	USDA H. L. Blood No. 253	Ch p R U wt Y	3	Inter	3	2	C	2.25	1	3	1	3	many	4	3	Susc	
128224	Bolivia	USDA H. L. Blood No. 256	Ch p R U wt Y	3	Inter	4	5	R	2.0	1	4	2	3	3	2	3	Susc	
128225	Bolivia	USDA H. L. Blood No. 257	Ch p R U wt Y	3	Inter	3	2	C	2.5	1	1	1	2	many	5	3	Susc	
128226	Bolivia	USDA H. L. Blood No. 258	Ch r R U Wt Y	3	Inter	3	-	-	2.5	1	3	3	-	many	5	2	-	
128227	Bolivia	USDA H. L. Blood No. 259	Ch r U Wt Y	4	Inter	2	-	-	2.25	1	3	4	-	many	5	2	-	
128228	Bolivia	USDA H. L. Blood No. 260	Ch R U Wt Y	5	Inter	3	-	-	1.75	1	3	2	-	4-many	5	2	-	
128229	Bolivia	USDA H. L. Blood No. 261	Ch p R U wt Y	3	Inter	3	2	C	2.5	1	3	2	4	many	5	5	Susc	
128230	Bolivia	USDA H. L. Blood No. 265	Ch R U Wt Y	3	Inter	3	-	-	1.25	1	3	3	-	3-many	4	2	-	
128231	Bolivia	USDA H. L. Blood No. 266	Ch R U Wt Y	3	Inter	3	-	-	1.0-2.5	5	3	5	-	2	1	1	-	
128232	Bolivia	USDA H. L. Blood No. 267	Ch R U Wt Y	3	Inter	3	-	-	1.25	5	3	1	-	2-many	1	3	-	

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters											
				Vine Size	Growth and Habit	Leaflet Size	Cracking		Size Inches	Shape	Set	Maturity	Intensity Flesh Color	Number Locules	Fasciation	Disease Reaction		
							Amt.	Type								Alter-naria	Mosaic	
b. Type species, including <i>f. pyriforme</i> and <i>var. cerasiforme</i>																		
128233	Bolivia	USDA H. L. Blood No. 268	Ch R U Wt Y	2	Erect	3	—	—	1.75	1	3	2	—	3-many	4	2	—	
128234	Bolivia	USDA H. L. Blood No. 269	Ch p r U wt Y	3	Inter	3	2	R	2.5	1	2	3	3	many	5	3	Susc	
128235	Bolivia	USDA H. L. Blood No. 270	Ch R U Wt Y	3	Inter	3	—	—	2.0	1	3	2	—	many	5	1	—	
128236	Bolivia	USDA H. L. Blood No. 271	Ch P R U Wt Y	5	Ind Inter	3	2-2	C-R	2.5	1	3	5	1	many	4	2	Susc	
128237	Bolivia	USDA H. L. Blood No. 272	Ch p R U wt Y	2	Inter	2	2	R	1.5	1	2	2	3	3-many	4	3	Susc	
128238	Bolivia	USDA H. L. Blood No. 274	Ch R U Wt Y	3	Inter	3	—	—	1.0	3	3	2	—	2-many	2	3	—	
128239	Bolivia	USDA H. L. Blood No. 275	Ch p R U wt Y	3	Inter	2	2	C	1.25	3	2	3	1	2-many	1	3	Susc	
128240	Bolivia	USDA H. L. Blood No. 276	Ch R U Wt Y	5	Erect	3	—	—	1.25	2	3	4	—	2-5	1	1	—	
128241	Bolivia	USDA H. L. Blood No. 277	Ch p R U wt Y	3	Inter	2	3	C	1.5	1	1	2	4	many	4	2	Susc	
128242	Bolivia	USDA H. L. Blood No. 278	Ch p R U wt Y	3	Inter	2	2	C	1.5	1	3	1	4	many	4	2	Susc	
128243	Bolivia	USDA H. L. Blood No. 279	Ch p R U wt Y	3	Inter	2	3	C	1.75	1	1	2	3	many	4	1	Susc	
128244	Bolivia	USDA H. L. Blood No. 280	Ch R U Wt Y	3	Inter	3	—	—	1.0	2	2	4	—	3-many	1	1	—	
128245	Bolivia	USDA H. L. Blood No. 281	Ch R U Wt Y	3	Inter	3	—	—	1.0	2	3	2	—	2-5	1	2	—	
128246	Bolivia	USDA H. L. Blood No. 282	Ch R U Wt Y	3	Inter	3	—	—	1.0	2	3	4	—	2-5	1	1	—	
128247	Bolivia	USDA H. L. Blood No. 283	Ch RrU Wt Y	3	Inter	3	—	—	1.0	2	3	4	—	2-3	1	1	—	
128248	Bolivia	USDA H. L. Blood No. 284	Ch P r U wt Y	3	Inter	2	1	—	1.75	1	4	1	3	3-4	1	1	Susc	
128249	Bolivia	USDA H. L. Blood No. 285	Ch RrU Wt Y	5	Erect	2	—	—	1.13	2	3	2	—	3	1	1	—	
128250	Bolivia	USDA H. L. Blood No. 295	Ch p r U wt Y	3	Inter	3	2	R	2.5	1	1	4	3	many	4	2	Susc	
128251	Bolivia	USDA H. L. Blood No. 296	Ch RrU Wt Y	3	Inter	3	—	—	1.75	1	3	3	—	4-many	4	2	—	
128252	Bolivia	USDA H. L. Blood No. 297	Ch R U Wt Y	3	Inter	3	—	—	2.0	1	3	2	—	2-many	5	2	—	
128253	Bolivia	USDA H. L. Blood No. 300	Ch p r U wt Y	3	Inter	2	2	C	2.5	1	2	2	2	many	5	4	Susc	
128254	Bolivia	USDA H. L. Blood No. 301	Ch p R U wt Y	3	Inter	2	2	C	1.5	1	4	1	4	many	4	1	Susc	
128255	Bolivia	USDA H. L. Blood No. 303	Ch P R U wt Yy	2	Inter	3	2	C	2.5	1	5	1	2	many	5	3	Susc	
128256	Bolivia	USDA H. L. Blood No. 307	Ch p r U wt Y	3	Inter	3	—	—	2.5	1	3	2	2	many	5	3	Susc	
128257	Bolivia	USDA H. L. Blood No. 304	Ch P R U wt Y	3	Inter	3	2	C	2.5	1	3	1	3	many	5	3	Susc	
128258	Bolivia	USDA H. L. Blood No. 305	Ch R U wt Y	2	Inter	3	—	—	1.5	1	4	1	—	2-5	2	4	—	
128259	Bolivia	USDA H. L. Blood No. 306	Ch R U Wt Y	3	Inter	3	—	—	2.0	1	2	4	—	4-many	2	3	—	
128260	Bolivia	USDA H. L. Blood No. 308	Ch R U wt Y	4	Inter	3	—	—	1.25	3	4	4	—	2-3	1	3	—	
128261	Bolivia	USDA H. L. Blood No. 309	Ch R U wt Y	3	Inter	3	—	—	1.75	1	4	1	—	4-many	2	3	—	
128262	Bolivia	USDA H. L. Blood No. 310	Ch R U wt y	3	Inter	3	—	—	1.25	2	3	1	—	3-5	2	3	—	
128263	Bolivia	USDA H. L. Blood No. 311	Ch P R U wt Y	3	Inter	3	2	R	2.0 x 1.5	5	3	2	4	2-3	1	2	Susc	
128264	Bolivia	USDA H. L. Blood No. 312	Ch R U Wt Y	3	Inter	3	—	—	1.25	5	5	1	—	2-5	1	4	—	
128265	Bolivia	USDA H. L. Blood No. 313	Ch r U wt Y	3	Inter	3	—	—	1.25	5	4	5	—	2-4	2	3	—	
128266	Bolivia	USDA H. L. Blood No. 314	Ch R U wt Y	3	Inter	2	—	—	1.25	5	4	4	—	2-5	2	4	—	
128267	Bolivia	USDA H. L. Blood No. 315	Ch r U wt Y	3	Inter	2	—	—	1.25	2	3	4	—	2-5	1	3	—	
128268	Bolivia	USDA H. L. Blood No. 316	Ch r U Wt Y	3	Inter	2	—	—	1.25	2	3	4	—	2-4	1	4	—	
128269	Bolivia	USDA H. L. Blood No. 317	Ch r U wt Y	3	Erect	3	—	—	2.0	1	3	5	—	many	5	1	—	
128270	Bolivia	USDA H. L. Blood No. 318	Ch P R U Wt Y	3	Inter	4	2	R	2.75	1	4	1	4	4-many	2	3	Susc	
128271	Bolivia	USDA H. L. Blood No. 319	Ch p R U wt Y	3	Inter	3	2	C	2.0 x 1.5	5	5	1	1	2	many	1	4	Susc
128272	Argentina	USDA H. L. Blood No. 327	Ch R U Wt Y	3	Inter	3	—	—	2.5	1	3	3	—	many	2	2	—	
128273	Argentina	USDA H. L. Blood No. 328	Ch R U Wt Y	2	Inter	3	—	—	1.0 x 2.5	4	5	3	—	2-3	—	2	—	
128274	Argentina	USDA H. L. Blood No. 335	Ch p R U wt Y	1	Inter	3	3	C	2.5	1	5	1	4	4-many	4	5	Susc	
128275	Argentina	USDA H. L. Blood No. 336	Ch P R U wt Y	2	Inter	3	3	C	2.0	1	3	1	3	many	2	3	Susc	
128276	Argentina	USDA H. L. Blood No. 337	Ch R U Wt Y	3	Inter	2	—	—	1.25	3	4	3	—	2-3	1	2	—	
128277	Argentina	USDA H. L. Blood No. 340	Ch R U Wt Y	3	Prostr	3	—	—	1.25	1	3	2	—	2-many	2	4	—	
128278	Argentina	USDA H. L. Blood No. 341	Ch R U wt Y	3	Inter	3	—	—	1.25	2	4	2	—	2-4	1	4	—	
128279	Argentina	USDA H. L. Blood No. 342	Ch R U Wt Y	2	Inter	3	—	—	1.0 x 2.5	4	4	1	—	2-3	—	3	—	
128280	Argentina	USDA H. L. Blood No. 343	Ch R U Wt Y	3	Inter	1	—	—	1.0 x 2.5	4	4	1	—	2-3	—	3	—	
128281	Argentina	USDA H. L. Blood No. 344	Ch R U Wt Y	3	Inter	2	—	—	1.5	3	4	1	—	2-4	2	5	—	
128282	Argentina	USDA H. L. Blood No. 345	Ch p R U Wt Y	2	Inter	3	2	C	1.5 x 2.5	4	4	1	2	2-3	1	2	Susc	

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters							Disease Reaction		
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
							Amt.	Type									
b. Type species, including <i>f. pyriforme</i> and <i>var. cerasiforme</i>																	
128283	Argentina	USDA H. L. Blood No. 346	C h R U Wt Y	2	Inter	1	—	—	1.25	2	3	1	—	2-5	2	5	—
128286	Argentina	USDA H. L. Blood No. 350	C h p R U wt Y	1	Inter	3	2	R	2.25	1	5	1	2	many	4	4	Susc
128294	Argentina	USDA H. L. Blood No. 383	C h p R U wt Y	3	Inter	3	2	C	2.5	1	5	1	3	3-many	1	3	Susc
128445	Argentina	USDA H. L. Blood No. 388	C h R U Wt Y	2	Inter	3	—	—	1.25	2	5	1	—	3-many	1	4	—
128446	Chile	USDA H. L. Blood No. 391	C H P R U wt Y	4	Inter	3	2	C	2.0	1	2	2	3	4-many	2	3	Susc
128447	Chile	USDA H. L. Blood No. 400	C h R U Wt Y	4	Inter	4	—	—	2.5	1	2	5	—	5-many	2	2	—
128588	Chile	USDA H. L. Blood No. 424	C h p R U wt Y	4	Inter	3	2	R	3.0	1	1	4	4	many	4	2	Susc
128590	Chile	USDA H. L. Blood No. 438	C h R U Wt Y	3	Inter	3	—	—	2.5	1	2	5	—	many	4	3	—
128593	Chile	USDA H. L. Blood No. 441	C h R U Wt Y	2	Prostr	3	—	—	2.5	1	3	2	—	many	4	4	—
128594	Chile	USDA H. L. Blood No. 442	C h p R U wt Y	2	Inter	4	2	R	3.5	1	2	4	3	many	4	3	Susc
128595	Chile	USDA H. L. Blood No. 433	C H P R U wt Y	3	Inter	3	1	—	1.5	1	4	1	1	2-5	2	2	Susc
128596	Chile	USDA H. L. Blood No. 448	C H P R U wt Y	3	Erect	2	3	R	2.0	1	3	3	3	many	5	4	Susc
128598	Chile	USDA H. L. Blood No. 449A	C h P R U Wt Y	2	Inter	3	3	R	2.5	1	1	1	3	many	2	5	Susc
128599	Chile	USDA H. L. Blood No. 450	C h p R U wt Y	4	Inter	4	2	C	2.5	1	2	4	2	many	4	3	Susc
128600	Chile	USDA H. L. Blood No. 451	C h P R U wt Y	3	Inter	3	1	—	3.0	1	1	4	3	many	4	2	Susc
128601	Chile	USDA H. L. Blood No. 452	C h p R U wt Y	3	Inter	3	3	C	2.75	1	1	4	3	many	2	2	Susc
128603	Chile	USDA H. L. Blood No. 454	C h P R U wt Y	4	Inter	4	2	C	2.75	1	3	4	4	many	5	3	Susc
128604	Chile	USDA H. L. Blood No. 455	C h P R U wt Y	3	Inter	4	2	C	2.75	1	2	3	3	4-many	4	3	Susc
128607	Chile	USDA H. L. Blood No. 458	C h P R U wt Y	4	Inter	5	2	R	2.5	1	4	3	3	many	5	4	Susc
128608	Chile	USDA H. L. Blood No. 460	C h P R U wt Y	4	Inter	5	2	R	3.25	1	4	5	3	many	4	5	Susc
128611	Chile	USDA H. L. Blood No. 463	C h R U wt Y	3	Inter	4	—	—	2.25	1	3	2	—	many	2	2	—
128613	Chile	USDA H. L. Blood No. 467	C h P R U wt Y	3	Inter	4	2	R	3.5	1	1	5	4	many	5	1	Susc
128614	Chile	USDA H. L. Blood No. 468	C h P R U wt Y	4	Erect	4	2	R	3.5	1	1	5	3	many	5	1	Susc
128615	Chile	USDA H. L. Blood No. 469	C h P R U wt Y	3	Inter	4	2	C	3.0	1	2	2	2	many	5	3	Susc
128616	Chile	USDA H. L. Blood No. 470	C h P R U wt Y	3	Inter	3	3	C	2.75	1	1	5	3	many	5	2	Susc
128617	Chile	USDA H. L. Blood No. 471	C H P R U wt Y	4	Inter	3	3	R	3.0	1	2	5	1	many	4	2	Susc
128618	Chile	USDA H. L. Blood No. 501	C h P R U wt Y	3	Inter	5	2	C	2.75	1	2	5	3	many	4	2	Susc
128619	Chile	USDA H. L. Blood No. 502	C H R U wt Y	3	Inter	3	—	—	2.5	1	3	5	—	many	5	3	—
128620	Chile	USDA H. L. Blood No. 503	C h U wt Y	3	Inter	3	—	—	2.5	1	3	3	—	many	5	2	—
128621	Chile	USDA H. L. Blood No. 504	C h P R U wt Y	4	Inter	4	2	R	3.0	1	2	4	3	many	5	3	Susc
128623	Chile	USDA H. L. Blood No. 506	C h P R U wt Y	5	Inter	4	2	C	3.0	1	1	4	4	many	5	2	Susc
128624	Chile	USDA H. L. Blood No. 507	C h R U wt Y	4	Inter	3	—	—	2.75	1	3	5	—	many	5	2	—
128625	Peru	USDA H. L. Blood No. 520	C h P R U wt Y	3	Inter	5	3	C	1.75	1	3	1	3	many	4	4	Susc
128626	Peru	USDA H. L. Blood No. 521	C H P R U wt Y	5	Inter	3	2	R	2.25	1	2	5	3	many	4	2	Susc
128627	Peru	USDA H. L. Blood No. 522	C h R U wt Yy	4	Inter	3	—	—	2.5	1	3	1	—	many	4	2	—
128628	Peru	USDA H. L. Blood No. 523	C h P R U wt Y	4	Inter	4	2	C	3.25	1	3	4	2	many	4	2	Susc
128629	Peru	USDA H. L. Blood No. 524	C h R U wt Y	4	Inter	3	—	—	2.5	1	2	5	—	many	4	1	—
128630	Peru	USDA H. L. Blood No. 525	C h p R U wt Y	4	Inter	4	2	R	2.0	2	4	2	2	many	4	5	Susc
128631	Peru	USDA H. L. Blood No. 526	C h R U wt Y	3	Inter	3	—	—	1.5	1	4	1	—	many	4	4	—
128632	Peru	USDA H. L. Blood No. 527	C h R U wt Y	5	Inter	1	—	—	1.5	1	3	2	—	many	4	2	—
128633	Peru	USDA H. L. Blood No. 528	C H P R U wt Y	4	Inter	3	3	C	2.0	1	5	1	3	many	4	5	Susc
128634	Peru	USDA H. L. Blood No. 529	C h p R U wt Y	4	Inter	3	3	C	2.5	1	4	2	3	many	4	3	Susc
128635	Peru	USDA H. L. Blood No. 530	C h P R U wt Y	3	Inter	4	3	C	2.25	3	4	2	2	4-many	1	4	Susc
128636	Peru	USDA H. L. Blood No. 531	C h P R U wt Y	3	Inter	5	3	R	2.25	5	4	2	2	3-many	5	3	Susc
128637	Peru	USDA H. L. Blood No. 532	C h P R U wt Y	3	Inter	4	2	C	2.25	5	3	2	4	4-many	4	3	Susc
128638	Peru	USDA H. L. Blood No. 533	C h R U Wt Y	3	Inter	3	—	—	2.25	1	3	1	—	many	4	4	—
128640	Peru	USDA H. L. Blood No. 542	C h p R U wt Y	4	Inter	5	1	—	3.25	1	1	4	3	many	4	2	Susc
128641	Peru	USDA H. L. Blood No. 543	C h p R U wt Y	3	Inter	4	2	R	2.0	1	3	2	3	many	2	2	Susc
128642	Peru	USDA H. L. Blood No. 544	C h P R U wt Y	2	Inter	4	3	R	2.75	1	5	1	2	many	4	5	Susc

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
128990	Argentina	USDA H. L. Blood—San Marzano	C _h R U Wt Y	4	Erect	3	—	—	1.0x2.5	4	5	2	—	2-3	1	3	—	
129018	Peru	USDA H. L. Blood No. 546	C _h R U Wt Y	1	Inter	3	—	—	1.75	1	3	2	—	4-many	1	4	—	
129019	Peru	USDA H. L. Blood No. 547	C _h P R U wt Y	3	Inter	4	3	C	2.0	3	4	2	2	3-many	1	5	Susc	
129025	Ecuador	USDA H. L. Blood No. 574	C _H p R U wt Y	5	Inter	2	2	C	2.25	1	4	5	3	many	5	5	Susc	
129026	Ecuador	USDA H. L. Blood No. 575	C _H R U wt Y	5	Inter	2	—	—	2.25	1	4	5	4	many	5	3	Susc	
129029	Ecuador	USDA H. L. Blood No. 605	C _H p R U Wt Y	4	Inter	3	2	C	1.0	1	5	2	3	2-3	2	3	Susc	
129031	Ecuador	USDA H. L. Blood No. 607	C _h R U Wt Y	3	Inter	3	—	—	1.25	1	4	5	—	3-many	5	4	—	
129032	Ecuador	USDA H. L. Blood No. 608	C _H P R U wt Y	4	Inter	3	2	C	1.75	1	5	3	1	3-many	2	3	Susc	
129033	Ecuador	USDA H. L. Blood No. 609	C _H P R U wt Y	4	Erect	3	2	R	2.25	1	1	4	2	many	4	3	Susc	
129034	Ecuador	USDA H. L. Blood No. 610	C _H P R U wt Y	4	Inter	3	1	—	1.5	1	3	5	4	2-many	4	2	Susc	
129035	Ecuador	USDA H. L. Blood No. 611	C _h R U Y	3	Inter	3	—	—	2.5	1	3	1	—	many	2	5	—	
129036	Ecuador	USDA H. L. Blood No. 612	C _h R U Wt Y	2	Inter	3	—	—	1.25	2	4	3	—	3-5	2	3	—	
129037	Ecuador	USDA H. L. Blood No. 613	C _h R U Wt Y	3	Inter	2	—	—	1.25	1	3	2	—	4-many	2	3	—	
129038	Ecuador	USDA H. L. Blood No. 614	C _h p R U wt Y	3	Inter	3	2	C	1.75	1	5	1	5	3-many	2	4	Susc	
129039	Ecuador	USDA H. L. Blood No. 615	C _h p R U wt Y	3	Inter	3	2	C	1.5	1	5	1	4	3	2.5	3	Susc	
129040	Ecuador	USDA H. L. Blood No. 616	C _h R U Wt Y	3	Inter	2	—	—	1.25	1	5	1	—	many	2	3	—	
129041	Ecuador	USDA H. L. Blood No. 617	C _h R U Wt Y	3	Inter	3	—	—	1.0	5	5	3	—	2	1	3	—	
129042	Ecuador	USDA H. L. Blood No. 639	C _h R U Wt Y	4	Inter	3	—	—	1.75	1	4	4	—	2-4	2	2	—	
129044	Ecuador	USDA H. L. Blood No. 641	C _h p R U wt Y	4	Inter	4	2	C	2.0x1.75	5	3	4	2	2	1	3	Susc	
129045	Ecuador	USDA H. L. Blood No. 642	C _h R U wt Y	4	Inter	3	—	—	2.0	1	4	5	—	3-5	2	3	—	
129046	Ecuador	USDA H. L. Blood No. 643	C _h R U Wt Y	3	Inter	2	—	—	1.5	1	4	4	—	3-5	2	3	—	
129047	Ecuador	USDA H. L. Blood No. 644	C _h R U wt Y	4	Inter	3	—	—	1.5	3	3	5	—	2-5	2	2	—	
129048	Ecuador	USDA H. L. Blood No. 645	C _h R U Wt Y	3	Inter	3	—	—	1.25x2.25	5	5	4	—	2-3	1	3	—	
129049	Ecuador	USDA H. L. Blood No. 646	C _h R U Wt Y	4	Inter	3	—	—	1.5	3	4	5	—	2-3	2	2	—	
129050	Ecuador	USDA H. L. Blood No. 647	C _h R U wt Y	3	Inter	3	—	—	1.25	2	3	5	—	2-4	1	2	—	
129051	Ecuador	USDA H. L. Blood No. 649	C _h p R U wt Y	4	Inter	4	2	C	1.75	3	4	3	1	many	4	3	Susc	
129052	Ecuador	USDA H. L. Blood No. 650	C _h R U Wt Y	4	Inter	3	—	—	1.5	2	3	5	—	3-many	2	2	—	
129053	Ecuador	USDA H. L. Blood No. 654	C _h p R U wt Y	5	Inter	4	2	C	1.75	1	2	5	3	many	4	1	Susc	
129054	Ecuador	USDA H. L. Blood No. 655	C _h p R U wt Y	5	Inter	4	1	—	1.75	1	4	4	3	2-many	2	2	Susc	
129055	Ecuador	USDA H. L. Blood No. 656	C _h P R U wt Y	5	Inter	4	2	R	1.5	1	1	5	3	3-many	2	2	Susc	
129056	Ecuador	USDA H. L. Blood No. 657	C _h p R U wt Y	5	Inter	4	2	C	1.75	1	2	4	3	3-many	2	3	Susc	
129057	Ecuador	USDA H. L. Blood No. 658	C _h p R U wt Y	5	Inter	4	2	C	1.75	1	1	4	2	4-many	4	2	Susc	
129058	Colombia	USDA H. L. Blood No. 661	C _h P R U wt Y	5	Inter	4	2	R	2.0	1	2	1	2	3-many	4	3	Susc	
129059	Colombia	USDA H. L. Blood No. 662	C _h R U Wt Y	4	Inter	3	—	—	1.0	2	4	2	—	2-4	1	2	—	
129060	Colombia	USDA H. L. Blood No. 663	C _h P R U Wt Y	4	Inter	3	2	R	1.5	1	2	1	3	many	4	2	Susc	
129061	Colombia	USDA H. L. Blood No. 664	C _h P R U wt Y	3	Inter	4	2	C	2.0	1	2	3	3	many	2	3	Susc	
129063	Colombia	USDA H. L. Blood No. 673	C _h R U Wt Y	3	Inter	2	—	—	1.0	2	3	5	—	3-many	2	2	Susc	
129065	Colombia	USDA H. L. Blood No. 675	C _h p R U wt Y	3	Inter	3	2	C	1.25	1	4	1	4	3-4	1	3	Susc	
129066	Colombia	USDA H. L. Blood No. 676	C _h P R U wt Y	3	Inter	3	3	R	2.0	1	1	3	1	many	2	3	Susc	
129067	Colombia	USDA H. L. Blood No. 677	C _h R U Wt Y	3	Inter	3	—	—	1.5	1	1	3	—	many	4	2	—	
129068	Colombia	USDA H. L. Blood No. 678	C _h P R U wt Y	4	Inter	4	2	R	2.5	1	1	4	4	many	4	2	Susc	
129069	Colombia	USDA H. L. Blood No. 679	C _h p R U Y	4	Inter	4	2	C	1.75	1	2	1	3	5-many	4	3	Susc	
129070	Colombia	USDA H. L. Blood No. 680	C _h P R U Wt Y	4	Inter	4	3	R	2.25	1	1	2	2	many	2	3	Susc	
129071	Colombia	USDA H. L. Blood No. 681	C _h P R U Wt Y	2	Inter	3	2	R	2.0x1.5	5	2	3	4	2-3	1	2	Susc	
129072	Colombia	USDA H. L. Blood No. 682	C _h P R U Wt Y	3	Inter	3	2	C	1.5	1	2	4	4	many	4	2	Susc	
129073	Colombia	USDA H. L. Blood No. 683	C _h p R U wt Y	2	Erect	3	3	R	2.5	1	1	3	3	many	4	3	Susc	
129075	Colombia	USDA H. L. Blood No. 696	C _h p R U wt Yy	3	Inter	3	3	C	2.0	1	3	3	3	many	4	3	Susc	
129076	Colombia	USDA H. L. Blood No. 697	C _h P R U wt y	4	Inter	4	2	R	2.0	1	3	2	2	many	4	3	Susc	
129077	Colombia	USDA H. L. Blood No. 698	C _h P R U wt Y	4	Inter	4	3	C	2.5	1	2	3	3	many	4	3	Susc	
129078	Colombia	USDA H. L. Blood No. 699	C _h R U Wt Y	3	Inter	2	—	—	1.75	1	4	1	—	many	4	5	—	

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters									
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Disease Reaction	
							Amt.	Type								Alter- naria	Mosaic
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																	
129079	Colombia	USDA H. L. Blood No. 700	Ch R U Wt Yy	3	Inter	2	—	—	1.5	1	4	2	—	4-many	2	3	—
129080	Colombia	USDA H. L. Blood No. 701	Ch P R U Wt Y	2	Erect	3	1	—	2.0	1	1	3	3	many	4	2	Susc
129081	Colombia	USDA H. L. Blood No. 702	Ch p R U Wt Y	5	Erect	3	2	C	1.25	3	1	4	3	2-3	1	2	Susc
129082	Colombia	USDA H. L. Blood No. 703	Ch p R U Wt Y	3	Inter	2	1	—	0.75	2	2	5	3	2	1	2	Susc
129083	Colombia	USDA H. L. Blood No. 704	Ch R U Wt Y	3	Inter	3	—	—	1.0	1	4	3	—	3-5	2	2	—
129084	Colombia	USDA H. L. Blood No. 705	Ch P R U Wt Yy	5	Inter	1	1	—	0.5-1.0	2	2	4	3	2-5	3	1	Susc
129085	Colombia	USDA H. L. Blood No. 706	Ch R U Wt Y	3	Inter	2	—	—	1.5	1	4	1	—	3-5	4	5	—
129086	Colombia	USDA H. L. Blood No. 707	Ch p R U Wt Y	4	Inter	3	2	R	1.75	1	4	1	4	many	1	3	Susc
129087	Colombia	USDA H. L. Blood No. 708	Ch R U Wt Yy	2	Inter	2	—	—	1.25	1	3	3	—	4	1	1	—
129088	Colombia	USDA H. L. Blood No. 709	Ch R U Wt Yy	1	Inter	1	—	—	1.25	1	3	2	—	4	1	3	—
129091	Colombia	USDA H. L. Blood No. 712	Ch P R U Wt Y	3	Inter	3	1	—	0.75	2	3	3	1	2	1	2	Susc
129092	Colombia	USDA H. L. Blood No. 715	Ch P R U Wt Y	3	Inter	3	2	R	1.5	1	5	1	3	3-4	1	2	Susc
129093	Colombia	USDA H. L. Blood No. 716	Ch P R U Wt Y	3	Inter	3	2	R	1.25	1	4	1	4	2-many	1	3	Susc
129094	Colombia	USDA H. L. Blood No. 717	Ch R U Wt Yy	4	Erect	2	—	—	1.25	1	4	3	—	3-many	2	1	—
129095	Colombia	USDA H. L. Blood No. 718	Ch p R U Wt Y	4	Inter	3	2	C	1.0	1	3	2	3	2-4	1	3	Susc
129096	Colombia	USDA H. L. Blood No. 719	Ch P R U Wt y	2	Inter	3	1	—	1.0	5	3	3	1	2	1	3	Susc
129097	Colombia	USDA H. L. Blood No. 720	Ch P R U Wt Y	2	Inter	2	1	—	0.5	2	2	3	1	2	1	2	Susc
129098	Colombia	USDA H. L. Blood No. 721	Ch P R U Wt Y	3	Inter	4	1	—	1.25	2	2	3	3	4-many	1	3	—
129099	Colombia	USDA H. L. Blood No. 722	Ch P R U Wt Y	2	Inter	2	1	—	0.5	2	3	3	3	2	1	3	Susc
129100	Colombia	USDA H. L. Blood No. 723	Ch P R U Wt Yy	5	Inter	1	1	—	1.0-2.0	1	4	2	3	3-many	3	1	Susc
129101	Colombia	USDA H. L. Blood No. 724	Ch r u Wt Y	3	Inter	3	—	—	1.75	1	4	3	—	2-5	1	2	—
129102	Colombia	USDA H. L. Blood No. 725	Ch R U Wt y	5	Erect	3	—	—	1.0	1	3	4	—	3-many	2	2	—
129103	Colombia	USDA H. L. Blood No. 726	Ch P R U Wt Y	4	Inter	3	2	C	1.0	1	3	1	4	3-4	1	1	Susc
129104	Colombia	USDA H. L. Blood No. 727	Ch p R U Wt Y	2	Inter	2	1	—	0.75	5	3	4	2	2	1	3	Susc
129106	Colombia	USDA H. L. Blood No. 729	Ch P R U Wt Y	4	Inter	3	2	C	1.5	3	4	1	3	3-many	2	4	Susc
129107	Colombia	USDA H. L. Blood No. 730	Ch P R U Wt Y	4	Inter	3	2	C	1.0	2	5	1	3	3	1	2	Susc
129109	Colombia	USDA H. L. Blood No. 732	Ch P R U Wt Y	3	Inter	3	2	R	2.5	1	1	3	3	many	4	3	Susc
129111	Colombia	USDA H. L. Blood No. 734	Ch R U Wt Y	4	Inter	2	—	—	1.0	2	4	2	—	2-many	1	2	—
129114	Colombia	USDA H. L. Blood No. 737	Ch P R U Wt Y	3	Inter	3	3	C	1.5	1	5	1	2	many	4	3	Susc
129115	Colombia	USDA H. L. Blood No. 738	Ch P R U Wt Y	3	Inter	3	2	R	1.75	1	3	1	3	many	4	3	Susc
129117	Colombia	USDA H. L. Blood No. 740	Ch p R U Wt Y	4	Inter	2	2	C	1.5	1	1	4	2	many	4	3	Susc
129118	Colombia	USDA H. L. Blood No. 741	Ch P R U Wt Y	3	Inter	2	2	R	1.5	1	2	1	3	2-4	1	2	Susc
129119	Colombia	USDA H. L. Blood No. 742	Ch p R U Wt Y	3	Inter	2	3	C	1.25	2	3	1	3	3-4	1	4	Susc
129120	Colombia	USDA H. L. Blood No. 743	Ch R U Wt Y	5	Inter	2	—	—	1.0	2	3	3	—	2-3	1	1	—
129122	Colombia	USDA H. L. Blood No. 745	Ch R U Wt Y	3	Inter	2	—	—	0.75	2	4	2	—	3-5	1	2	—
129123	Colombia	USDA H. L. Blood No. 746	Ch P R U Wt Y	3	Inter	2	3	C	1.0	1	4	1	3	3-4	1	3	Susc
129124	Colombia	USDA H. L. Blood No. 749	Ch R Wt Y	5	Erect	2	—	—	1.5	1	1	3	—	many	5	5	—
129125	Colombia	USDA H. L. Blood No. 750	Ch p R U Wt Y	2	Prostr	3	2	C	2.0	1	2	1	3	many	5	5	Susc
129127	Panama	USDA H. L. Blood No. 752	Ch R U Wt Yy	3	Inter	3	—	—	2.5	1	2	3	—	many	4	3	—
129128	Panama	USDA H. L. Blood No. 753	Ch R U Wt Y	3	Prostr	3	—	—	2.0	1	5	3	—	many	4	4	—
129129	Panama	USDA H. L. Blood No. 754	Ch P R U Wt Y	2	Inter	3	2	C	1.75	1	3	1	3	many	4	5	Susc
129130	Panama	USDA H. L. Blood No. 755	Ch P R U Wt y	3	Inter	3	2	R	2.25	1	3	1	2	many	4	5	Susc
129131	Panama	USDA H. L. Blood No. 756	Ch P R U Wt Yy	4	Inter	3	3	R	2.0	1	5	1	4	many	5	5	Susc
129134	Argentina	USDA H. L. Blood No. 761	Ch p R U Wt Y	4	Inter	4	2	C	2.75	1	4	2	2	many	4	3	Susc
129136	Argentina	USDA H. L. Blood No. 763	Ch R U Wt Y	3	Inter	3	—	—	2.0	1	3	5	—	2-many	4	3	—
129137	Argentina	USDA H. L. Blood No. 764	Ch p R U Wt Y	4	Inter	5	5	R	2.5	1	3	4	3	4	2	4	Susc
129140	Argentina	USDA H. L. Blood No. 767	Ch p R U Wt Y	3	Inter	3	2	C	1.75	3	4	1	5	2-many	1	4	Susc
129141	Colombia	USDA H. L. Blood No. 770	Ch R U Wt Y	3	Inter	2	—	—	1.0	1	5	2	—	3	1	1	—
129142	Ecuador	USDA H. L. Blood No. 771	Ch R U Wt Y	4	Inter	2	—	—	1.75	2	3	3	—	2-3	1	1	—
129687	Argentina	USDA H. L. Blood No. 777	Ch P R U Wt Y	3	Inter	3	3	C	2.0	2	4	2	2	2-many	1	4	Susc

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
b. Type species, including f. pyriforme and var. cerasiforme																		
129688	Argentina	USDA H. L. Blood No. 773	C h R U wt Y	2	Inter	2	—	—	2.0	1	5	1	—	many	5	4	—	
129689	Argentina	USDA H. L. Blood No. 772	C h P R U wt Y	3	Inter	3	2	R	2.75	1	3	2	4	many	4	4	Susc	
129691	Argentina	USDA H. L. Blood No. 775	C h p R U wt Y	3	Inter	3	3	C	2.5	1	4	1	4	many	4	4	Susc	
129692	Argentina	USDA H. L. Blood No. 776	C h P R U wt Y	3	Inter	3	2	C	2.0	1	3	1	3	many	2	5	Susc	
129693	Peru	University Cuzco, No. 1014	C H P R U Wt Y	3	Inter	3	2	R	2.25	1	5	1	3	many	5	4	Susc	
129879	Peru	American Embassy, Lima	C h p R U Wt Y	2	Inter	3	2	C	2.0 x 1.5	5	4	1	4	2-3	1	5	Susc	
129880	Peru	American Embassy, Lima	C h P R U wt Y	2	Inter	3	3	R	2.0 x 1.5	5	3	1	3	2	1	4	Susc	
129881	Peru	American Embassy, Lima	C h p R U Wt Y	2	Inter	3	1	—	2.25 x 1.25	3	2	2	3	2	1	4	Susc	
129882	Peru	American Embassy, Lima	C h p R U wt Y	2	Inter	3	3	C	2.75	1	2	1	3	many	5	5	Susc	
131877	Argentina	Swift & Co., 'Campana'	C h R U wt Y	3	Inter	3	—	—	2.5	1	1	5	2	many	4	4	Susc	
131878	Argentina	Swift & Co., 'Los Talas'	C h P R U Wt Y	2	Inter	3	2-1	C-R	2.75-3.0	1	3	3	3	many	4	3	Susc	
131880	Argentina	Swift & Co., 'Rey Humberto'	C h P R U Wt Y	2	Inter	3	1-1	C-R	1.5-1.75	5	3	3	3	2	2	3	Susc	
131881	Argentina	Swift & Co., 'San Marzano'	C h P R U Wt Y	2	Inter	3	1-1	C-R	1.5-1.75	5	3	5	2	2	2	3	Susc	
131882	Argentina	Swift & Co., 'Varela'	C h P R U Wt Y	1	Inter	2	5-2	C-R	1.75-2.5	1	3	2	3	many	4	4	Susc	
134207	India	USDA W. Koelz No. 4417	C h R U Wt Y	3	Inter	3	—	—	2.25	1	3	2	—	4-many	1	3	—	
134208	India	USDA W. Koelz No. 4432	C h p R U wt Y	2	Erect	2	1	—	1.25	3	2	1	—	2-3	1	3	Susc	
135843	Afghanistan	USDA W. Koelz No. 4700	C h R U Wt Y	2	Inter	3	—	—	1.5	1	2	2	—	5-many	4	3	—	
135844	Afghanistan	USDA W. Koelz No. 4933	C h R U Wt Y	3	Inter	3	—	—	1.5	1	4	3	—	3-many	4	3	—	
135906	India	USDA W. Koelz No. 4470	C h R U Wt Y	4	Inter	3	—	—	1.5	1	4	3	—	4	2	1	—	
135907	Baluchistan	USDA W. Koelz No. 5079	C h R U Wt Y	3	Inter	3	—	—	0.5	5	4	3	—	2-3	1	2	—	
135908	Baluchistan	USDA W. Koelz No. 5080	C h R U Wt Yy	3	Inter	3	—	—	1.5	1	3	3	—	3-5	2	1	—	
136450	Canada	McFayden Seed Co., 'Del Pais'	C h R U Wt Y	2	Prostr	2	—	—	2.0	1	4	2	—	3-many	2	3	—	
136451	Canada	McFayden Seed Co., 'Egyptian'	C h R U wt Y	3	Prostr	3	—	—	2.5	1	4	2	—	many	5	4	—	
136452	Canada	McFayden Seed Co., 'No. 13'	C h R U Wt Y	2	Prostr	1	—	—	0.75	5	5	2	—	2	1	4	—	
138617	Iran	USDA W. Koelz No. 5309	C h R U Wt Y	2	Erect	3	—	—	1.25	1	4	3	—	3-4	2	4	—	
138618	Iran	USDA W. Koelz No. 5331	C R U Wt Y	5	Inter	3	—	—	1.0	2	3	5	—	2-3	1	1	—	
138620	Iran	USDA W. Koelz No. 5422	C h R U Wt Y	3	Inter	2	—	—	1.25	2	3	2	—	3-5	1	3	—	
138621	Iran	USDA W. Koelz No. 5435	C h R U Wt Y	3	Inter	3	—	—	2.25	1	1	2	—	many	4	3	—	
138622	Iran	USDA W. Koelz No. 5476	C h R U Wt Y	4	Inter	3	—	—	1.5	1	3	3	—	3-many	2	3	—	
138624	Iran	USDA W. Koelz No. 5594	C h R U Wt Y	2	Erect	3	—	—	3.0	1	1	2	—	many	4	3	—	
128625	Iran	USDA W. Koelz No. 5654	C h R U Wt Yy	3	Inter	1	—	—	1.5	1	2	2	—	3-many	2	3	—	
128627	Iran	USDA W. Koelz No. 5687	C h RrU Wt Y	3	Inter	2	—	—	1.0	2	2	2	—	2	1	3	—	
138628	Iran	USDA W. Koelz No. 5716	C h R U Wt Y	2	Inter	2	—	—	1.25	2	3	4	—	3-5	1	3	—	
138629	Iran	USDA W. Koelz No. 5788	C h R U Wt Yy	2	Inter	2	—	—	2.25	1	2	4	—	many	5	3	—	
138630	Iran	USDA W. Koelz No. 5839	C h R U Wt Y	4	Erect	3	—	—	1.25	1	3	5	—	3	2	1	—	
140051	Brazil	USDA W. R. Schreiber	C h P R U wt Y	2	Inter	3	2	R	2.5	1	3	1	3	many	5	4	Susc	
140052	Brazil	USDA W. R. Schreiber	C h P R U wt Y	3	Inter	1	2	R	2.0 x 1.5	5	3	1	4	2	1	3	Susc	
140160	Afghanistan	Wilbur Harlan	C h R U Wt Yy	4	Inter	2	—	—	2.25	1	2	5	—	3-many	4	3	—	
140403	Iran	USDA W. Koelz No. 5930	C h R U Wt Y	3	Inter	3	—	—	1.25	1	1	2	—	3-many	1	3	—	
140404	Iran	USDA W. Koelz No. 6060	C h R U Wt Yy	1	Inter	2	—	—	2.5	1	2	4	—	4-many	2	3	—	
140405	Iran	USDA W. Koelz No. 6197	C h R U Wt Yy	2	Erect	3	—	—	1.25	1	3	3	—	3-many	2	3	—	
140406	Iran	USDA W. Koelz No. 6378	C h R U Wt Y	3	Prostr	1	—	—	1.0-3.0	1	3	1	—	3-many	4	3	—	
140407	Iran	USDA W. Koelz No. 6397	C h RrU Wt Yy	3	Inter	3	—	—	2.0	2	3	2	—	5	1	3	—	
140408	Iran	USDA W. Koelz No. 6412	C h R U wt Y	4	Prostr	2	—	—	1.0	2	4	3	—	2-5	1	3	—	
140409	Iran	USDA W. Koelz No. 6415	C h R U Wt Y	4	Inter	3	—	—	1.5	1	3	3	—	3-5	1	3	—	
140410	Iran	USDA W. Koelz No. 6450	C h R U wt Y	5	Inter	3	—	—	1.25	1	3	3	—	3-4	1	2	—	
140411	Iran	USDA W. Koelz No. 6605	C h R U Wt Y	4	Inter	3	—	—	2.5	1	1	4	—	many	2	4	—	
140412	Iran	USDA W. Koelz No. 6609	C h R U Wt Y	4	Inter	3	—	—	1.5 x 2.75	4	3	3	—	2	5	3	—	
140413	Iran	USDA W. Koelz No. 6639	C h R U Wt Y	5	Prostr	1	—	—	2.25	1	3	3	—	many	2	2	—	
140414	Iran	USDA W. Koelz No. 6768	C h R U Wt Y	4	Inter	3	—	—	1.0	2	3	3	—	2	1	3	—	

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters								Disease Reaction		
				Vine Size	Growth and Habit	Leaf- let Size	Cracking Amt.	Type	Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
b. Type species, including <i>f. pyriforme</i> and <i>var. cerasiforme</i>																	
140415	Iran	USDA W. Koelz No. 6788	C h R U wt Y	3	Inter	1	—	—	0.75	2	3	3	—	2-4	1	4	—
140416	Iran	USDA W. Koelz No. 6831	C h R U wt Y	2	Inter	3	—	—	1.25	2	3	5	—	2-4	1	3	—
140418	Iran	USDA W. Koelz No. 6857	C h R U wt Y	3	Inter	3	—	—	1.75	1	2	3	—	2-many	1	4	—
140419	Iran	USDA W. Koelz No. 6990	C h R U Wt Y	3	Inter	3	—	—	1.75	1	3	2	—	5-many	1	3	—
140420	Iran	USDA W. Koelz No. 7055	C h R U wt Y	5	Inter	3	—	—	1.25	2	3	3	—	2-3	1	2	—
140421	Iran	USDA W. Koelz No. 7126	C h R U Wt Y	5	Inter	4	—	—	2.5	1	1	4	—	2-many	2	3	—
140422	Iran	USDA W. Koelz No. 7247	C h R U Wt Y	5	Inter	3	—	—	2.5	1	3	4	—	many	2	4	—
141273	Guatemala	Dr. F. W. McBryde No. 61	C h R U Wt Yy	4	Inter	3	—	—	1.5	1	3	3	—	many	5	2	—
142697	Mexico	Dr. F. W. McBryde	C h R U Wt y	3	Inter	2	—	—	3.5	1	3	3	—	many	5	3	—
142698	Mexico	Dr. F. W. McBryde	C h R U Wt y	4	Prostr	3	—	—	2.5	5	4	3	—	many	4	4	—
142699	Mexico	Dr. F. W. McBryde	C h R U Wt y	3	Prostr	3	—	—	2.5-4.0	1	3	3	—	many	5	4	—
142874	Iran	USDA W. Koelz No. 7358	C h R U Wt Y	5	Inter	3	—	—	2.5	1	3	3	—	many	4	4	—
142875	Iran	USDA W. Koelz No. 7426	C h R U Wt Y	2	Inter	3	—	—	2.25	1	3	3	—	many	4	4	—
142876	Iran	USDA W. Koelz No. 7550	C h R U Wt Y	3	Erect	3	—	—	2.0	1	3	4	—	many	4	3	—
142877	Iran	USDA W. Koelz No. 7629	C h R U Wt Yy	3	Inter	2	—	—	2.5	1	3	4	—	3-many	2	4	—
142878	Iran	USDA W. Koelz No. 7724	C h R U Wt Y	1	Inter	3	—	—	1.5	1	1	4	—	many	2	4	—
142879	Iran	USDA W. Koelz No. 7789	C h R U Wt Yy	3	Inter	3	—	—	2.0	1	3	5	—	many	2	3	—
142880	Iran	USDA W. Koelz No. 7846	C h R U Wt Yy	4	Prostr	3	—	—	1.5	1	3	3	—	many	1	3	—
142881	Iran	USDA W. Koelz No. 7883	C h R U Wt Y	3	Erect	3	—	—	2.25	1	2	3	—	many	5	3	—
142882	Iran	USDA W. Koelz No. 7962	C h R U Wt Y	4	Erect	3	—	—	1.25	1	3	5	—	3-4	2	1	—
143523	Peru	USDA B. Y. Morrison	C h R U Wt Yy	4	Inter	2	—	—	1.25	1	3	3	—	3-many	4	2	—
144679	Iran	USDA W. Koelz No. 8146	C h R U Wt Yy	4	Inter	3	—	—	2.0	1	1	5	—	many	2	2	—
144680	Iran	USDA W. Koelz No. 8150	C h R U Wt Yy	4	Erect	4	—	—	1.5	5	3	4	—	2	1	2	—
146084	Iran	USDA W. Koelz No. 8166	C h R U Wt Y	4	Inter	3	—	—	2.5	1	3	3	—	many	5	3	—
146085	Iran	USDA W. Koelz No. 8186	h t U Wt Y	4	Inter	—	—	—	1.25	1	4	3	—	2-3	1	4	—
146086	Iran	USDA W. Koelz No. 8190	C h R U Wt y	5	Inter	5	—	—	1.25x2.0	5	2	5	—	2	1	2	—
146087	Iran	USDA W. Koelz No. 8256	C h R U Wt Y	3	Prostr	3	—	—	2.0-3.0	1	3	3	—	many	5	5	—
146088	Iran	USDA W. Koelz No. 8257 'Tokyo'	C h R U Wt Y	1	Prostr	2	—	—	2.25	1	3	3	—	many	1	4	—
146091	Iran	USDA W. Koelz No. 8260	C h R U Wt Y	1	Inter	3	—	—	1.25	2	3	3	—	2-4	1	4	—
146092	Iran	USDA W. Koelz No. 8261 'Yellow Lemon'	C h RrU Wt Yy	3	Prostr	3	—	—	2.0-2.5	1	2	3	—	many	1	4	—
146093	Iran	USDA W. Koelz No. 8262 'Kabobi'	C h R U Wt Y	3	Inter	2	—	—	1.0-1.5	2	4	3	—	many	1	4	—
146094	Iran	USDA W. Koelz No. 8263 'Round Lemon'	C h r U Wt Y	4	Inter	4	—	—	2.25	1	2	4	—	5	2	3	—
148654	Iran	USDA W. Koelz No. 8279	C h RrU Wt Yy	2	Prostr	3	—	—	2.0	1	3	3	—	many	2	4	—
148655	Iran	USDA W. Koelz No. 8281	C h R U Wt Y	3	Inter	3	—	—	3.0	1	1	5	—	many	4	4	—
148720	Brazil	J. T. Baldwin, Jr., U. of Va.	C h R U Wt Y	4	Prostr	1	—	—	0.75x2.0	4	5	3	—	2	1	3	—
150782	Palestine	'Canary Export'	C h P R U Wt Y	1	Inter	3	1-1	C-R	2.0-2.25	1	3	3	3	2-5	2	3	Susc
152266	U.S.S.R.	'Dwf. Alpatiev' No. 0905	c h P R U Wt Y	1	Det. Int+Er	3	2-2	C-R	1.5-2.0	2,3	4	4	1	4-many	1	4	Susc
155367	Peru	Crandall A.E.S. Tingo Maria 1205	C h P R U Wt Y	3	Inter	3	2	R	1.75	1	3	2	5	2-many	2	4	Susc
155370	Peru	Crandall, TM 1210	C h p R U Wt Y	2	Erect	2	1	—	1.0	1	1	2	3	2-3	1	3	Susc
155372	Peru	Crandall, TM 1215	C h P R U Wt Y	3	Inter	2	1	—	1.13	1	3	1	2	3-4	1	4	Susc
155373	Peru	Crandall, TM 1216	C h P R U Wt Y	2	Inter	3	2	C	2.5	1	4	2	3	3-many	2	4	Susc
155374	Peru	Crandall, TM 1231	C h P R U Wt Y	2	Inter	3	1	—	1.5	1	3	2	3	3	1	3	Susc
155376	Peru	Crandall, TM 1245	C h P R U Wt Y	3	Inter	2	1	—	1.5	1	3	2	4	2-3	2	2	Susc
155377	Peru	Crandall, TM 1246	C h p R U Wt Y	3	Erect	3	2	R	1.25	1	3	2	3	3-4	1	3	Susc
157850	Palestine	'Marmande'	C h P R U Wt Y	1	Inter	3	2-2	C-R	2.25-3.0	1	2	3	2	many	4	4	Susc
157991	Italy	Inst. Agr., Bologna 'Pancrazio'	C h P R U Wt Y	2	Inter	3	3	C	2.25	1	4	1	2	many	4	5	Susc

TABLE 8b.-(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Disease Reaction	
							Amt.	Type								Alter- naria	Mosaic
b. Type species, including f. pyriforme and var. cerasiforme																	
159002	Peru	Agr. Exp. Sta. Tingo Maria No. 1117	Ch P R U Wt Y	2	Erect	3	2	C	2.0	3	1	2	-	3-4	1	2	Susc
159003	Peru	AES TM 1143	Ch P R U Wt Y	2	Inter	3	2	R	2.0	1	4	2	2	3-many	2	5	Susc
159004	Peru	AES TM 1149	Ch P R U Wt Y	2	Inter	3	3	R	2.5	3	2	2	3	3-4	2	3	Susc
159005	Peru	AES TM 1150	Ch P R U Wt Y	2	Inter	3	2	C	2.5	1	3	2	3	4-many	2	4	Susc
159006	Peru	AES TM 1154	Ch P R U Wt Y	3	Inter	3	2	C	2.25	1	4	2	2	3-many	2	4	Susc
159008	Peru	AES TM 1176	Ch P R U Wt Y	2	Inter	3	3	C	2.25	1	3	4	2	3-many	2	1	Susc
159009	Peru	AES TM 1195	Ch P R U Wt Y	2	Inter	3	3	C	2.5	1	3	2	4	many	2	5	Susc
159181	Peru	AES Tingo Maria	Ch P R U Wt Y	2	Inter	3	2	R	0.75	2	3	3	3	2	1	3	Susc
159193	Peru	AES TM 1117	Ch P R U Wt Yy	3	Inter	3	2-2	C-R	2.5	1	3	3	3	2-many	2	4	Susc
159198	Peru	AES TM 1176 'Veto Mold'	Ch P R U Wt Y	2	Inter	3	2-2	C-R	2.0	1	3	3	3	2-4	2	4	Susc
162679	Argentina	Stevens & Hartley 'Genova'	Ch P R U Wt Y	2	Inter	3	3	C	1.5	2	4	1	3	2-4	2	4	Susc
163245	India	USDA W. Koelz No. 8275A	C r U Wt Y	4	Inter	1	-	-	0.5- 1.5	2	5	2	-	5-many	1	3	-
163247	India	USDA W. Koelz No. 8277	C R U Wt Y	2	Erect	3	-	-	3.5	1	1	3	-	many	4	3	-
163248	India	USDA W. Koelz No. 8278	C r U Wt Y	2	Inter	1	-	-	1.25	1	3	3	-	5-many	4	5	-
163249	India	USDA W. Koelz No. 8279	C R U Wt Y	4	Erect	3	-	-	2.0	1	1	3	-	many	4	2	-
163251	India	USDA W. Koelz No. 8343	C R U Wt Y	4	Erect	3	-	-	1.25	2	3	3	-	3-5	1	2	-
163252	India	USDA W. Koelz No. 8372	C R U Wt Y	3	Erect	3	-	-	2.0	5	4	2	-	2-many	2	4	-
163253	India	USDA W. Koelz No. 8409	C U Wt Yy	3	Erect	3	-	-	1.0- 3.5	1	4	2	-	2-many	4	4	-
163254	India	USDA W. Koelz No. 8428	C R U Wt Yy	3	Erect	4	-	-	2.0	1	3	3	-	5-many	1	3	-
163255	India	USDA W. Koelz No. 8551	C R U Wt Y	3	Inter	3	-	-	2.5	1	3	3	-	5-many	4	4	-
164177	India	USDA W. Koelz No. 8890	C R U Wt Yy	3	Erect	3	-	-	1.5	1	3	3	-	5-many	4	3	Susc
164278	India	USDA W. Koelz No. 8914	C R U Wt Yy	3	Erect	3	-	-	1.0- 2.5	1	2	2	-	4-many	1	4	Susc
164290	India	USDA W. Koelz No. 8926	C R U Wt Yy	2	Erect	3	-	-	1.5	1	3	2	-	many	4	4	Susc
164478	India	USDA W. Koelz No. 8771	Ch R U Wt Y	3	Erect	3	-	-	2.5	1	3	2	-	many	4	4	Susc
164482	India	USDA W. Koelz No. 8775	Ch R U Wt Y	3	Erect	3	-	-	2.0	1	2	2	-	many	4	3	Susc
164541	India	USDA W. Koelz No. 8831A	C R U Wt Y	2	Erect	1	-	-	1.0	2	4	3	-	2-many	1	4	Susc
164628	India	USDA W. Koelz No. 9052	C R U Wt y	1	Erect	3	-	-	2.75	1	1	5	-	many	4	1	Susc
164673	India	USDA W. Koelz No. 9098	Ch R U Wt Y	4	Erect	3	-	-	2.25	1	2	3	-	many	2	3	Susc
164719	India	USDA W. Koelz No. 9147	Ch p R U Wt Y	3	Erect	3	2	C	2.5	1	1	3	2	many	5	2	Susc
164945	Turkey	USDA J. R. Harlan No. 21	Ch R U Wt Y	1	Erect	3	-	-	3.0	1	2	1	-	many	1	5	-
164946	Turkey	USDA J. R. Harlan No. 22	Ch R U Wt Y	3	Erect	3	-	-	3.0	1	3	3	-	many	4	3	-
164947	Turkey	USDA J. R. Harlan No. 23	C R U Wt Y	1	Erect	3	-	-	2.0	1	3	2	-	many	1	4	-
165030	Turkey	USDA J. R. Harlan No. 106	Ch R U Wt Y	3	Erect	3	-	-	3.0	1	1	5	-	many	4	2	-
165053	Turkey	USDA J. R. Harlan No. 128	Ch R U Wt Y	2	Inter	3	-	-	2.0	1	3	1	-	many	2	3	-
166985	Turkey	USDA J. R. Harlan No. 183	C R U Wt Y	4	Erect	3	-	-	3.0	1	3	4	-	many	4	4	-
166986	Turkey	USDA J. R. Harlan No. 184	C R U Wt Y	4	Erect	4	-	-	2.5- 4.0	1	1	5	-	many	4	2	-
166989	Turkey	USDA J. R. Harlan No. 187	C R U Wt Y	1	Erect	4	-	-	2.5	1	3	4	-	5	1	3	-
166991	Turkey	USDA J. R. Harlan No. 189	C R U Wt Y	1	Erect	3	-	-	3.0	1	3	5	-	many	2	3	-
167041	Turkey	USDA J. R. Harlan No. 238	C U Wt Yy	4	Erect	3	-	-	3.0	1	2	5	-	many	4	1	-
167074	Turkey	USDA J. R. Harlan No. 271	C U Wt Y	3	Inter	3	-	-	2.5	1	3	5	-	many	2	4	-
167099	Turkey	USDA J. R. Harlan No. 296	C R U Wt Y	3	Erect	3	-	-	2.5	1	1	5	-	5-many	4	2	-
167103	Turkey	USDA J. R. Harlan No. 300	C R U Wt Y	3	Inter	3	-	-	1.25 x 2.25	4	3	5	-	2	2	2	-
167141	Turkey	USDA J. R. Harlan No. 338	C R U Wt Y	2	Inter	3	-	-	2.25	1	3	1	-	many	4	5	-
167206	Turkey	USDA J. R. Harlan No. 401	C R U Wt Y	3	Inter	3	-	-	2.75	1	2	2	-	many	4	3	-
167329	Turkey	USDA J. R. Harlan No. 523	c R U Wt Y	3	Erect	5	-	-	2.75	1	3	1	-	many	4	5	-

TABLE 8b.-(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters							Disease Reaction		
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
							Amt.	Type									
b. Type species, including f. pyriforme and var. cerasiforme																	
169565	Turkey	USDA J. R. Harlan No. 1405	C R U Wt Y	3	Inter	2	--	--	2.5	1	2	4	--	many	4	3	--
169566	Turkey	USDA J. R. Harlan No. 1419	C R U Wt Y	4	Erect	3	--	--	3.5-4.0	1	1	5	--	many	4	3	--
169567	Turkey	USDA J. R. Harlan No. 1470	C R U Wt Y	4	Erect	3	--	--	3.0	1	2	5	--	many	4	4	--
169568	Turkey	USDA J. R. Harlan No. 1503	C R U wt Y	3	Erect	3	--	--	2.0	1	3	2	--	many	4	5	--
169569	Turkey	USDA J. R. Harlan No. 1957	C R U Wt Y	3	Erect	2	--	--	3.5	1	2	5	--	many	2	1	--
169570	Turkey	USDA J. R. Harlan No. 2052	c R U wt Y	3	Erect	5	--	--	3.0	1	2	5	--	many	4	3	--
169571	Turkey	USDA J. R. Harlan No. 2093	C R U Wt Y	3	Erect	3	--	--	3.0	1	2	5	--	many	4	3	--
169572	Turkey	USDA J. R. Harlan No. 2207	C R U Wt Y	3	Erect	2	--	--	2.5	1	1	4	--	many	4	2	--
169573	Turkey	USDA J. R. Harlan No. 2210	C R U Wt Y	4	Erect	3	--	--	2.5	1	1	5	--	many	4	3	--
169574	Turkey	USDA J. R. Harlan No. 2269	C h p R U Wt Y	1	Erect	2	1	--	0.62	3	1	5	--	2	2	3	Susc
169575	Turkey	USDA J. R. Harlan No. 2270	C h R U Wt Y	5	Erect	3	--	--	1.5	3	4	4	--	2-many	1	2	--
169576	Turkey	USDA J. R. Harlan No. 2335	C R U Wt Y	2	Erect	3	--	--	3.0	1	2	2	--	many	4	3	--
169577	Turkey	USDA J. R. Harlan No. 2358	C R U Wt Y	3	Erect	3	--	--	2.0	1	3	1	--	5-many	5	4	--
169579	Turkey	USDA J. R. Harlan No. 2556	C U Wt Y	2	Erect	4	--	--	3.5	1	3	4	--	many	4	3	--
169580	Turkey	USDA J. R. Harlan No. 2594	C R U Wt Y	3	Inter	4	--	--	4.0	1	3	4	--	many	4	4	--
169581	Turkey	USDA J. R. Harlan No. 2630	C R U Wt Y	4	Erect	3	--	--	2.5	1	5	3	--	many	4	3	--
169582	Turkey	USDA J. R. Harlan No. 2691	C R U Wt Y	4	Erect	3	--	--	2.75	1	3	3	--	many	4	3	--
169583	Turkey	USDA J. R. Harlan No. 2795	C R U Wt Y	2	Erect	3	--	--	2.5	1	1	1	--	many	4	4	--
169584	Turkey	USDA J. R. Harlan No. 2863	C R U wt Y	1	Inter	3	--	--	2.5	1	2	1	--	many	4	5	--
169586	Turkey	USDA J. R. Harlan No. 3381	C R U Wt Y	3	Inter	3	--	--	3.0	1	3	3	--	many	2	4	--
169587	Turkey	USDA J. R. Harlan No. 3564	C R U Wt Y	4	Erect	3	--	--	3.0	1	2	5	--	many	4	2	--
169588	Turkey	USDA J. R. Harlan No. 3587	C R U Wt Y	2	Inter	3	--	--	3.0	1	2	3	--	many	4	3	--
169589	Turkey	USDA J. R. Harlan No. 3747	C R Uuwt Y	3	Inter	3	--	--	2.5	1	2	5	--	many	4	3	--
169590	Turkey	USDA J. R. Harlan No. 3749	C R U Wt Y	4	Erect	3	--	--	3.0	1	3	4	--	many	4	2	--
171708	Turkey	USDA J. R. Harlan No. 6581	C h p R U Wt Y	3	Inter	3	3	C	3.0	1	1	5	3	many	5	3	Susc
171709	Turkey	USDA J. R. Harlan No. 6592	C h P R U Wt Y	3	Erect	3	2	R	2.75	1	1	5	3	many	4	3	Susc
171710	Turkey	USDA J. R. Harlan No. 6602	C h p R U wt Y	3	Inter	3	2	C	3.0	1	1	4	3	many	4	3	Susc
171711	Turkey	USDA J. R. Harlan No. 6659	c h P R U wt Y	3	Erect	5	2	R	3.0	1	1	4	3	many	4	4	Susc
171716	Turkey	USDA J. R. Harlan No. 6858	c h P R U Wt Y	3	Erect	4	3	C	2.75	1	3	4	2	many	4	3	Susc
171717	Turkey	USDA J. R. Harlan No. 6924	C h P R U wt Y	3	Inter	3	2	R	2.5	1	3	2	4	4-many	5	3	Susc
171718	Turkey	USDA J. R. Harlan No. 7115	C h p R U Wt Y	3	Inter	3	2	C	1.75	1	4	4	2	2-many	4	3	Susc
172968	Turkey	USDA J. R. Harlan No. 7650	C h p R U wt Y	3	Inter	4	2	R	2.0	1	3	2	5	3-many	5	3	Susc
172970	Turkey	USDA J. R. Harlan No. 7763	C h p R U Wt Y	3	Inter	4	2	C	2.5	1	3	4	2	many	4	2	Susc
172971	Turkey	USDA J. R. Harlan No. 8136	h R U Wt Y	2	Inter	4	--	--	3.0	1	3	5	--	many	2	3	--
172972	Turkey	USDA J. R. Harlan No. 8236	C h P R U Wt Y	3	Inter	4	2	R	2.75	1	3	4	4	many	4	3	Susc
172973	Turkey	USDA J. R. Harlan No. 8272	C h p R U Wt Y	3	Inter	4	3	R	3.25	1	3	3	4	many	4	3	Susc
172974	Turkey	USDA J. R. Harlan No. 8287	C h P R U Wt Y	3	Inter	4	2	C	3.0	1	3	3	3	many	4	5	Susc
172975	Turkey	USDA J. R. Harlan No. 8307	C h p R U Wt Y	2	Inter	4	3	R	3.0	1	1	4	2	many	4	3	Susc
172976	Turkey	USDA J. R. Harlan No. 8504	C h p R u wt Y	3	Erect	3	3	C	2.75	1	1	4	3	many	5	3	Susc
172977	Turkey	USDA J. R. Harlan No. 8564	C h P R U Wt Y	3	Erect	4	2	R	3.25	1	1	4	2	many	4	3	Susc
172978	Turkey	USDA J. R. Harlan No. 8573	C h P R U Wt Y	3	Erect	3	2	C	--	1	1	5	2	many	4	4	Susc
173725	Turkey	USDA J. R. Harlan No. 7868	C h P R U Wt Y	4	Inter	5	--	--	1.5-3.0	1	--	--	--	4-many	2	3	--
173726	Turkey	USDA J. R. Harlan No. 7972	C h P R U Wt Y	4	Inter	5	--	--	3.0-4.0	1	--	--	--	5-many	4	3	--
174261	Turkey	USDA J. R. Harlan No. 7706	C h P R U wt Y	3	Inter	3	3	C	1.75	1	4	2	3	2-many	4	4	Susc
174262	Turkey	USDA J. R. Harlan No. 8084	C h P R U wt Y	3	Inter	3	2	C	2.5	1	2	4	4	many	4	2	Susc
174263	Turkey	USDA J. R. Harlan No. 8227	C h p R U wt Y	3	Inter	4	3	R	2.75	1	3	3	4	many	5	3	Susc
174264	Turkey	USDA J. R. Harlan No. 8290	C h p R U wt Y	3	Inter	4	2	R	2.5	1	2	4	3	many	5	4	Susc
174265	Turkey	USDA J. R. Harlan No. 8297	C h p R U Wt Y	3	Inter	4	2	C	2.0	1	1	5	3	many	5	3	Susc
174266	Turkey	USDA J. R. Harlan No. 8311	C h p R U Wt Y	3	Erect	4	2	R	2.5	1	1	5	4	many	5	3	Susc
174267	Turkey	USDA J. R. Harlan No. 8365	C h P R U Wt Y	2	Erect	3	2	C	2.5	1	1	4	3	many	5	3	Susc

TABLE 8b.-(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters									
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Lacules	Fas- cia- tion	Disease Reaction	
							Amt.	Type								Alter- naria	Mosaic
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																	
174268	Turkey	USDA J. R. Harlan No. 8441	C h P R U wt Y	1	Erect	3	3	C	2.5	1	1	4	3	many	5	2	Susc
174269	Turkey	USDA J. R. Harlan No. 8641	C h P R U Wt Y	2	Erect	4	3	R	3.0	1	1	5	1	many	4	2	Susc
174270	Turkey	USDA J. R. Harlan No. 8795	C h P R U Wt Y	1	Inter	4	2	C	2.75	1	5	1	2	many	2	5	Susc
174879	India	USDA W. Koelz No. 9916	C h P R U Wt Y	3	Inter	4	3	R	2.5	1	3	5	3	many	2	3	Susc
175774	Turkey	USDA J. R. Harlan No. 5460	C h P R U wt Y	3	Inter	4	2	C	2.5	1	2	3	3	3-many	4	4	Susc
175775	Turkey	USDA J. R. Harlan No. 5461	C h P R U Wt Y	3	Inter	4	2	C	2.75	1	4	3	4	many	4	5	Susc
175777	Turkey	USDA J. R. Harlan No. 6006	C h P R U wt Y	3	Inter	4	2	R	2.5	1	1	4	3	3-many	4	3	Susc
175778	Turkey	USDA J. R. Harlan No. 6038	c h P R U Wt Y	3	Inter	5	2	C	2.75	1	4	4	2	many	4	5	Susc
175779	Turkey	USDA J. R. Harlan No. 6041	C h P R U Wt Y	3	Inter	4	2	R	2.5	1	4	2	2	many	4	5	Susc
175780	Turkey	USDA J. R. Harlan No. 6089	C h P R U wt Y	1	Inter	3	2	C	3.0	1	3	2	3	many	5	5	Susc
175782	Turkey	USDA J. R. Harlan No. 9067	C h P R U Wt Y	2	Inter	3	2	R	2.0	1	3	2	3	3-many	4	3	Susc
175783	Turkey	USDA J. R. Harlan No. 9083	C h P R U wt Y	3	Inter	4	3	R	2.5	1	2	3	4	4-many	4	2	Susc
175784	Turkey	USDA J. R. Harlan No. 9162	C h p R U Wt Y	3	Inter	3	2	C	2.0	1	4	2	3	3-many	4	3	Susc
175785	Turkey	USDA J. R. Harlan No. 9186	C h P R U Wt Y	3	Inter	3	2	R	2.0	1	4	2	3	2-many	4	3	Susc
175786	Turkey	USDA J. R. Harlan No. 9190	C h P R U Wt Y	3	Inter	3	2	C	2.0	1	3	2	4	3-many	4	3	Susc
176625	Turkey	USDA J. R. Harlan No. 8878	C h p R U Wt Y	3	Inter	4	2	R	2.5	1	1	5	2	2-many	4	2	Susc
176626	Turkey	USDA J. R. Harlan No. 8907	C h P R U Wt Y	3	Inter	4	3	C	2.75	1	2	5	2	many	4	2	Susc
176627	Turkey	USDA J. R. Harlan No. 8943	C h P R U Wt Y	3	Inter	4	2	R	2.0	1	1	2	4	3-many	2	2	Susc
176628	Turkey	USDA J. R. Harlan No. 8992	C h P R U Wt Y	3	Inter	3	2	C	2.0	1	2	2	3	2-many	4	3	Susc
176629	Turkey	USDA J. R. Harlan No. 9204	C h P R U Wt Y	3	Erect	3	2	R	2.75	1	1	2	3	many	4	3	Susc
176630	Turkey	USDA J. R. Harlan No. 9259	C h P R U Wt Y	3	Inter	3	3	C	2.75	1	2	1	2	many	4	3	Susc
176631	Turkey	USDA J. R. Harlan No. 9394	C h P R U Wt Y	3	Erect	3	3	C	3.0	1	1	5	2	many	4	3	Susc
176632	Turkey	USDA J. R. Harlan No. 9435	C h p R U Wt Y	3	Inter	3	2	R	3.25	1	1	5	2	many	4	3	Susc
176633	Turkey	USDA J. R. Harlan No. 9457	C h P R U Wt Y	3	Erect	3	2	R	2.75	1	2	2	2	many	4	3	Susc
176634	Turkey	USDA J. R. Harlan No. 9485	C h P R U Wt Y	1	Inter	4	2	C	2.75	1	4	3	3	many	4	5	Susc
176636	Turkey	USDA J. R. Harlan No. 9583	C h P R U Wt Y	4	Inter	4	2	R	3.0	1	1	5	3	many	5	2	Susc
177006	Turkey	USDA J. R. Harlan No. 5570	C h P R U Wt Y	3	Inter	4	2	R	2.75	1	3	4	3	many	5	3	Susc
177007	Turkey	USDA J. R. Harlan No. 5618	C h p R U wt Y	3	Erect	4	2	C	2.5	1	2	5	3	many	5	2	Susc
177009	Turkey	USDA J. R. Harlan No. 6155	C h P R U Wt Y	2	Inter	4	2	R	2.5	1	1	5	2	many	2	3	Susc
177457	Turkey	USDA J. R. Harlan No. 4434	C h P R U Wt Y	3	Inter	3	2	C	2.75	1	2	3	2	3-many	2	2	Susc
177458	Turkey	USDA J. R. Harlan No. 4906	C h P R U Wt Y	3	Erect	4	2	R	2.75	1	1	4	2	4-many	4	3	Susc
177459	Turkey	USDA J. R. Harlan No. 4953	C h P R U Wt Y	2	Erect	3	2	C	2.5	1	2	2	3	3-many	4	4	Susc
177460	Turkey	USDA J. R. Harlan No. 6343	C h P R U Wt Y	2	Inter	3	2	R	2.5	1	2	2	4	4-many	5	3	Susc
178978	Turkey	USDA J. R. Harlan No. 9680	C h P R U Wt Y	3	Erect	4	2	C	3.0	1	1	4	3	many	5	3	Susc
178979	Turkey	USDA J. R. Harlan No. 9643	C h P R U Wt Y	3	Inter	3	2	R	2.25	1	3	3	3	2-many	4	3	Susc
179363	Turkey	USDA J. R. Harlan No. 4532	C h P R U wt Y	2	Inter	3	3	C	2.75	1	4	1	4	many	4	5	Susc
179366	Turkey	USDA J. R. Harlan No. 5937	C h P R U wt Y	2	Inter	4	2	C	3.0	1	4	2	2	many	4	4	Susc
179367	Iraq	USDA J. R. Harlan No. 9893	C h p R U wt Y	3	Inter	3	2	R	2.75	1	4	2	3	many	5	3	Susc
179942	India	USDA W. Koelz No. 10392	C h p R U wt Y	3	Inter	3	3	R	1.75	1	5	2	4	3	2	4	Susc
179943	India	USDA W. Koelz No. 10516	C h p R U wt Y	3	Inter	3	3	C	2.0	1	3	2	4	3-many	2	3	Susc
179944	India	USDA W. Koelz No. 10640	C h P R U wt Y	2	Inter	3	3	R	2.75	1	2	2	2	many	4	3	Susc
180232	Philippines	Univ. Phil., Lagune	C h P R U wt Y	2	Inter	3	2	C	2.75	1	1	5	2	many	2	3	Susc
180233	Philippines	Univ. Phil., Lagune	C h P R U Wt Y	1	Inter	3	2	C	2.0	1	5	4	1	4-many	2	5	Susc
180234	Philippines	Univ. Phil., Lagune	C h p R U Wt y	2	Erect	3	1	-	1.5 x 1.25	5	1	5	1	2	1	1	Susc
180300	India	USDA W. Koelz No. 10924	C h p R U wt Y	3	Erect	4	3	R	2.0 x 1.5	5	4	2	3	2	1	3	Susc
180721	Germany	'Immun' (Buschtomate) B. C. Off.	C h P R U Wt Y	1	Erect	4	2	R	2.0	1	5	2	3	3-4	2	2	Susc
180722	Germany	B. C. Off. 'Danish Export'	C h P R U wt Y	2	Inter	3	2	C	2.0	1	3	2	4	2-many	2	4	Susc
180723	Germany	'Kondane Red'	C h P R U wt Y	3	Inter	4	2	R	2.25	1	4	2	3	2-4	4	4	Susc
181776	Syria	USDA J. R. Harlan No. 9814	C h P R U wt Y	3	Inter	4	2	C	3.0	1	3	3	4	many	5	3	Susc
181887	Syria	N. E. Found. Eyer 'Aleppo 9'	C h P R U Wt Y	2	Inter	4	2	C	3.0	1	3	3	2	many	5	3	Susc

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters							Disease Reaction		
				Vine Size	Growth and Habit	Leaf-let Size	Cracking		Size Inches	Shape	Set	Maturity	Intensity Flesh Color	Number Locules	Fascia- tion	Alter- naria	Mosaic
							Amt.	Type									
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																	
181888	Syria	N. E. Found. Eyer 'Aleppo 10'	Ch p R U wt Y	3	Inter	4	2	R	3.0	1	2	3	3	many	5	3	Susc
181914	Syria	N. E. Found. Eyer 'Hama No. 6'	Ch p R U wt Y	3	Inter	4	2	C	3.25	1	4	2	3	many	5	3	Susc
181951	Syria	N. E. Found. Eyer 'Homs No. 11'	Ch p R U wt Y	3	Inter	4	2	R	3.0	1	1	4	3	many	5	2	Susc
181952	Syria	N. E. Found. Eyer 'Homs No. 12'	Ch p R U wt Y	3	Inter	4	2	C	2.0	1	2	2	3	many	5	3	Susc
182230	Turkey	USDA J. R. Harlan No. 10396	Ch p R U wt Y	3	Erect	3	2	R	2.5	1	1	2	5	many	4	2	Susc
182231	Turkey	USDA J. R. Harlan No. 10421	Ch p R U wt Y	3	Inter	3	2	C	1.75	1	4	3	3	3-many	2	2	Susc
182232	Turkey	USDA J. R. Harlan No. 10477	Ch p R U wt Y	3	Erect	3	2	R	2.75	1	2	3	5	3-many	5	3	Susc
182233	Turkey	USDA J. R. Harlan No. 10489	Ch p R U wt Y	2	Inter	3	2	C	2.25	1	3	2	4	2-many	4	2	Susc
182236	Turkey	USDA J. R. Harlan No. 10596	Ch p R U wt Y	2	Inter	5	2	C	2.25	1	3	4	2	3-many	4	2	Susc
182237	Turkey	USDA J. R. Harlan No. 10633	Ch p R U wt Y	2	Inter	4	2	R	2.75	1	3	3	3	many	5	2	Susc
182973	India	USDA W. Koelz No. 11267	Ch p R U Wt Y	2	Inter	3	2	C	2.0	1	2	4	3	3-many	4	3	Susc
183326	India	USDA W. Koelz No. 11474	Ch p R U wt Y	2	Erect	4	2	R	2.75	1	2	3	4	many	4	3	Susc
183327	India	USDA W. Koelz No. 11514	Ch p R U wt Y	3	Inter	3	2	C	2.25	1	3	2	3	many	4	2	Susc
183560	India	Agr. Res. Inst., New Delhi	Ch p R U wt Y	2	Prostr	3	3	C	1.0	3	4	2	3	2	1	3	Susc
185684	Guatemala	Trop. Res. Cent. Tiquisate	Ch p R U Wt Y	3	Inter	3	1	—	1.25	2	4	3	1	3	2	3	Susc
185685	Guatemala	Trop. Res. Cent. Tiquisate	Ch p R U wt Yy	3	Prostr	3	1	—	1.25	2	3	1	5	2-3	1	2	Susc
185686	Guatemala	Trop. Res. Cent. Tiquisate	Ch p R U wt Y	2	Erect	2	1	—	1.5x0.75	5	3	2	4	2	1	2	Susc
193188	Cook Islands	W. McBirney	Ch p R U wt Y	3	Inter	2	1	—	1.5	1	5	1	3	many	2	5	Susc
193557	Ethiopia	USDA W. A. Archer No. 8687	Ch p R U Wt Y	2	Inter	2	3-3	C-R	1.25	2	3	3	2	3-many	1	3	Susc
194002	Ethiopia	USDA W. A. Archer No. 9058	Ch p R U Wt Y	3	Inter	3	3	C	3.0	1	3	3	3	3	2	3	Susc
194128	Cook Islands	W. McBirney	Ch p R U Wt Y	2	Inter	3	1	—	1.0	1	4	3	3	3-many	2	4	Susc
194307	Ethiopia	USDA W. A. Archer No. 9174	Ch p R U Wt Y	2	Inter	3	2	R	1.0	2	3	3	3	2-3	1	4	Susc
194308	Ethiopia	USDA W. A. Archer No. 9175	Ch p R U Wt Y	2	Inter	3	1	—	1.5-3.0	4	3	3	2	2	4	4	Susc
194883	New York	Mrs. J. E. Winfield	Ch p R U Wt Y	2	Inter	2	4-4	C-R	1.25x1.75	5	3	4	2	2-3	2	—	Susc
195001	Ethiopia	USDA W. A. Archer No. 9197	Ch p R U Wt Y	2	Inter	1	2-2	C-R	1.25x2.0	4	3	3	3	2	2	4	Susc
195002	Ethiopia	USDA W. A. Archer No. 9261	Ch p R U Wt Y	2	Inter	3	2	R	1.25	1	3	3	3	2-many	2	4	Susc
195004	Ethiopia	USDA W. A. Archer No. 9263	Ch p R U Wt Y	3	Inter	3	2-2	C-R	2.25	1	3	3	3	many	4	3	Susc
195005	Ethiopia	USDA W. A. Archer No. 9399	Ch p R U Wt Y	2	Inter	3	2	C	1.25	2	4	3	2	2-3	1	3	Susc
195323	Guatemala	USDA O. W. Norvell No. 2779	Ch p R U Wt Yy	2	Inter	3	2-2	C-R	1.25	2	3	3	3	2-3	1	3	Susc
195615	Ethiopia	USDA W. A. Archer No. 9914	Ch p R U Wt Y	2	Inter	3	2-2	C-R	1.25	2	3	3	2	2-3	1	3	Susc
195616	Ethiopia	USDA W. A. Archer No. 9915	Ch p R U Wt Y	2	Inter	3	2-2	C-R	1.25	2	3	3	3	2-3	1	3	Susc
195777	Guatemala	USDA O. W. Norvell	Ch p R U Wt Yy	2	Inter	3	3-3	C-R	1.0	2	4	3	2	2-many	2	4	Susc
195778	Guatemala	USDA O. W. Norvell	Ch p R U Wt Yy	2	Inter	2	2-2	C-R	1.75	1	4	3	3	3-many	4	4	Susc
195779	Guatemala	USDA O. W. Norvell No. 2511	Ch p R U Wt Y	4	Inter	3	1	—	0.5	1	3	5	3	2	1	3	—
195780	Guatemala	USDA O. W. Norvell No. 2512	Ch p R U Wt Yy	2	Inter	3	2	R	1.5	1	4	3	4	many	4	4	Susc
195782	Guatemala	USDA O. W. Norvell No. 2514	Ch p R U Wt Yy	2	Inter	2	2	R	1.0	2	4	3	3	2-many	1	4	Susc
175783	Guatemala	USDA O. W. Norvell No. 2515	Ch p R U Wt Y	2	Inter	2	5	R	1.0	2	4	3	2	2-3	1	4	Susc
195784	Guatemala	USDA O. W. Norvell No. 2523	Ch p R U Wt y	2	Inter	2	5	R	1.0	2	4	3	2	2-3	1	4	Susc
195785	Guatemala	USDA O. W. Norvell No. 2524	Ch p R U Wt Yy	2	Inter	2	3-3	C-R	1.0	2	4	3	1	2	1	3	Susc
165786	Guatemala	USDA O. W. Norvell No. 2525	Ch p R U Wt Y	2	Inter	2	4-4	C-R	1.25	2	4	3	3	2-many	1	3	Susc
195787	Guatemala	USDA O. W. Norvell No. 2565	Ch p R U Wt Yy	2	Inter	2	3	R	0.75	2	4	3	2	2	1	3	Susc
196004	Ethiopia	USDA W. A. Archer No. 9587	Ch p R U Wt Y	2	Inter	3	2	C	1.25	2	4	3	3	2	1	3	Susc
196005	Ethiopia	USDA W. A. Archer No. 9631	Ch p R U Wt Y	2	Inter	3	4-4	C-R	2.0	1	3	3	4	2-many	4	3	Susc
196297	Nicaragua	USDA O. W. Norvell No. 2927	Ch p R U Wt Y	2	Inter	2	1	—	1.5	1	4	3	2	many	4	4	Susc
196298	Nicaragua	USDA O. W. Norvell No. 2928	Ch p R U Wt Y	2	Inter	2	2	R	2.0	1	4	3	3	many	5	4	Susc
199742	Canada	Dept. Agr. Philippine Sel.	Ch p R U Wt y	2	Inter	2	2-2	C-R	2.25	1	3	2	2	5-many	2	—	Susc
200879	Afghanistan	Dept. Of Agr. No. 1	Ch p R U Wt Yy	2	Inter	2	3-3	C-R	2.25	1	3	3	3	5-many	4	—	Susc
200880	Afghanistan	Dept. Of Agr. No. 2	Ch p R U Wt Y	2	Inter	2	1	—	2.0	1	3	3	3	3-many	4	—	Susc
201266	Mexico	USDA O. W. Norvell No. 3251	Ch p R U Wt y	2	Inter	2	2-2	C-R	2.25x3.25	5	2	3	3	5-many	4	—	Susc
201476	Mexico	USDA O. W. Norvell No. 3276	Ch p R U Wt Y	2	Inter	2	2	C	1.5x2.0	5	3	3	4	2	2	—	Susc

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
203232	S. Africa	'Wheatley's Frost Resist.'	C h P R U Wt y	3	Inter	3	1	—	0.75		3	4	3	3	2-3	1	2	Susc
204711	Turkey	USDA R. K. Godfrey No. 180	C h P R U Wt Yy	3	Inter	3	3-5	C-R	2.0	3-2	4	2	2	many	4	3	3	Susc
204712	Turkey	USDA R. K. Godfrey No. 184	C h P R U Wt Yy	3	Inter	3	3-3	C-R	3.0	1	3	3	3	many	4-5	2	2	Susc
204713	Turkey	USDA R. K. Godfrey No. 439	C h P R U Wt Y	3	Inter	3	3-2	C-R	2.5	1	2	3	3	3-many	4	3	3	Susc
204972	W. Va. No. 19		C h P R U Wt y	2	Inter	2	2	R	1.5	1	3	3	3	2-5	2	—	—	Susc
204973	W. Va. No. 29-1	(Single plant from 'Kaneko' tomato)	C h P R U Wt Y	2	Inter	2	2	C	2.0	1	3	3	4	2-5	2	—	—	Susc
204974	W. Va. No. 29-2	(Single plant from 'Kaneko' tomato)	C h P R U Wt y	2	Inter	2	3-3	C-R	1.5-2.25	1	3	3	4	5-many	5	—	—	Susc
204977	W. Va. No. 37	(Mass seed from 1-6 CAPStW F ₄)	C h P R U Wt Y	2	Inter	2	1	—	1.5-1.75	3	3	3	3	2-3	2	—	—	Susc
204979	W. Va. No. 47-8	(One plant from W&C 2-8 PAsW F ₄)	C h P R U Wt Yy	2	Inter	2	1	—	1.75-2.0	1	3	3	4	3-many	2	—	—	Susc
204983	W. Va. No. 159-1	(1 plant from PI 118327)	C h P R U Wt Y	2	Inter	2	2-2	C-R	1.25-2.5	2	3	3	3	5-many	2	—	—	Susc
204984	W. Va. No. 162-1	(1 plant from PI 118404)	C h P R U Wt Y	2	Inter	2	2-2	C-R	2.0	1	3	3	3	3-many	2	—	—	Susc
204985	W. Va. No. 162-2	(1 plant from PI 118404)	C h P R U Wt Y	2	Inter	2	3	C	3.0	1	3	3	3	5-many	4	—	—	Susc
204986	W. Va. No. 162-3	(1 plant from PI 118404)	C h P R U Wt Y	2	Inter	2	2-2	C-R	2.0	1,5	3	3	3	3-5	2	—	—	Susc
204988	W. Va. No. 171-2	(1 plant of PI 119446)	C h P R U Wt Y	2	Inter	2	2-2	C-R	3.0	1	3	3	3	5	5	—	—	Susc
204990	W. Va. No. 452-2	(1 plant of PI 140418)	C h P R U Wt y	2	Inter	2	2-2	C-R	1.0	2	3	3	3	2-5	2	—	—	Susc
204991	W. Va. No. 457-4	(1 plant of PI 141273)	C h P R U Wt y	2	Inter	2	1	—	1.5	1	3	3	3	3-5	2	—	—	Susc
204993	W. Va. No. 502-2	(1 plant of PI 163246)	C h P R U Wt Y	2	Inter	2	3-3	C-R	0.5-2.25	2	3	3	3	2-many	1,4	—	—	Susc
204994	W. Va. No. 603-1	(1 plant of PI 124133)	C h P R U Wt Y	2	Inter	2	1	—	1.0-1.25	2	3	3	3	2-many	1	—	—	Susc
204995	W. Va. No. 603-2	(1 plant of PI 124133)	C h P R U Wt Y	2	Inter	2	1	—	0.75-1.5	2	3	3	3	2	1	—	—	Susc
205000	W. Va. No. 705	'Bonny Best' x wild (Mills' cross) F ₂	C h P R U Wt Y	2	Inter	2	2	C	1.25-1.5	2	3	3	4	2-5	1	—	—	Susc
205003	W. Va. No. 712-1	'Princess of Wales' x wild (Mills' cross) single plant F ₂	C h P R U Wt Y	2	Inter	2	1	—	1.25-2.0	2	3	2	3	2-5	1,4	—	—	Susc
205004	W. Va. No. 714	'Marglobe' x wild (Mills' cross) F ₂	C h P R U Wt Y	2	Inter	2	1	—	0.75-1.5	2	3	3	4	2-3	1,4	—	—	Susc
205005	W. Va. No. 715	'Bonny Best' x wild (Mills' cross) F ₂	C h P R U Wt Y	2	Inter	2	2-2	C-R	1.25-2.0	1	3	4	3	2-many	2	—	—	Susc
205006	W. Va. No. 717	'Redfield Beauty' x wild (Mills' cross) F ₂	C h P R U Wt Y	2	Inter	2	1	—	0.75-1.75	2	3	3	4	2-3	1,2	—	—	Susc
205007	W. Va. No. 721	? x wild (Mills' cross) F ₂	C h P R U Wt Y	2	Inter	2	1	—	1.0-1.5	2	3	3	3	2-3	1,2	—	—	Susc
205023	W. Va. No. 882	North Carolina No. NC1951-328-3 F ₅	C h P R U Wt Y	1	Inter	2	1	—	1.0-1.25	2	3	3	2	2-3	1	—	—	Susc
205024	W. Va. No. 882	Mass seed W&C 1-1-1 PW	C h P R U Wt Y	1	Inter	2	1	—	1.75-2.0	3	3	4	3	3-many	1	—	—	Susc
205025	W. Va. No. 886-1	One plant W&C 1-2 PRW	C h P R U Wt Y	2	Inter	2	1	—	1.75-2.0	3	3	3	3	2-many	1	—	—	Susc

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters					Fruit Characters									
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Disease Reaction		
							Amt.	Type								Alter- naria	Mosaic	
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
205027	W. Va. No. 888-1	One plant W&C 29-5 PASTW	C h P R U Wt Y	2	Inter	2	1	—	1.0-2.75	2	3	3	3	3-many	2	—	Susc	
205031	W. Va. No. 891-1	One plant W&C 52-1 PASTW	C h P R U Wt Y	2	Inter	2	1	—	1.25-2.25	1	3	3	3	3-many	2	—	Susc	
205032	W. Va. No. 891-2	One plant W&C 52-1 PASTW	C h P R U Wt Y	2	Inter	2	1	—	1.5-2.5	1	3	3	4	3-many	2	—	Susc	
205034	W. Va. No. 893-1	One plant W&C 6-2-2-2 PASTW	C h P R U Wt Y	2	Inter	2	2	C	2.0-3.0	1	3	3	2	3-many	2	—	Susc	
205196	Turkey	USDA R. K. Godfrey	C h P R U Wt Y	3	Inter	3	3-3	C-R	4.0	1	1	2	3	many	4-5	3	Susc	
205336	E. Africa	Tanganyika, von Remsburg	C h P R U Wt Y	3	Inter	3	2	R	1.0	5	5	3	3	2	2	3	Susc	
206000	Sweden	H.R.S.AKARP, Bonita OJO/50	C h p R U Wt Y	1	Inter	2	5	C	2.0	1	4	3	3	3-many	2	—	—	
206449	Turkey	USDA R. K. Godfrey No. 703	C h P R U Wt Y	3	Inter	3	5-2	C-R	3.5	1	1	3	4	many	4	3	Susc	
206450	Turkey	USDA R. K. Godfrey No. 721	C h P R U Wt Y	2	Inter	3	5-1	C-R	3.0	1	4	3	3	many	2	5	Susc	
206967	Turkey	USDA R. K. Godfrey No. 692	C h P R U Wt Y	3	Inter	3	5	C	2.5	1	3	3	3	many	4	3	Susc	
206968	Turkey	USDA R. K. Godfrey No. 943	C h P R U Wt Y	3	Inter	3	5-2	C-R	3.5	1	3	3	3	many	4	3	Susc	
208760	Cuba	USDA Correll & Miller No. 203	C h P R U Wt Y	3	Inter	3	2	R	1.5	1	3	3	3	2-3	2	3	Susc	
208761	Cuba	USDA Correll & Miller No. 290	C h P R U Wt Yy	3	Inter	3	2	C	2.0	3-5	1-3	3	3	2-3	1	3	Susc	
208835	Cuba	USDA Correll & Miller Marti 51	C h P R U Wt Y	3	Inter	3	2	C	1.5	1	4	3	3	3	1	2	Susc	
208836	Cuba	USDA Correll & Miller Cresto M51 x 64	C h P R U Wt Y	3	Inter	3	2-2	C-R	2.0	1	3	3	3	3-many	1	3	Susc	
208837	Cuba	USDA Correll & Miller Cueto M51 x 62	C h P R U Wt Y	3	Inter	3	5-2	C-R	2.5	1	3	3	3	3-many	2	2	Susc	
208838	Cuba	USDA Correll & Miller Cueto M51 x 65	C h P R U Wt Y	3	Inter	3	5-3	C-R	2.25	1	3	3	3	3-5	1-2	2	Susc	
209048	Puerto Rico	USDA Correll & Miller No. 359	C h P R U Wt Y	3	Inter	3	3-3	C-R	2.5	1	2	3	3	many	5	2	Susc	
209976	Bolivia	M. E. Gallegly 'Rinon'	C h p R U Wt Y	3	Inter	3	5	C	1.5	1	3	2	3	many	4-5	3	Susc	
209977	Bolivia	M. E. Gallegly 'Chulumani'	C h P R U Wt Y	3	Inter	3	3-3	C-R	2.0	1	3	3	3	many	5	3	Susc	
212062	Costa Rica	Jorge Leon	C h p R U Wt Y	3	Inter	3	5-2	C-R	2.5	1	3	3	3	many	4	4	Susc	
215709	Peru	USDA E. E. Smith No. 432 T. Maria	C h P R U Wt Y	2	Inter	3	5-2	C-R	2.0-3.0	1	2	2	3	many	2	4	Susc	
215756	Peru	USDA E. E. Smith No. 207 T. Maria	C h P R U Wt Y	3	Inter	3	3-5	C-R	2.5-3.5	1	2	4	3	many	2	3	Susc	
215757	Peru	USDA E. E. Smith No. 440 T. Maria	C h P R U Wt Y	2	Inter	3	3-5	C-R	2.5-3.0	1	2	3	4	many	2	5	Susc	
215758	Peru	USDA E. E. Smith No. 498 T. Maria	C h P R U Wt Y	3	Inter	3	3-3	C-R	2.25-3.25	1	3	2	3	many	2	5	Susc	
220290	Afghanistan	USDA E. E. Smith No. 276	C h P R U Wt Y	3	Inter	3	2-2	C-R	1.25-3.0	1	2	4	3	2-many	4,5	2	Susc	
220718	England	Side shootless mutant of Antimold B	C h P R Wt Y	4	Inter	4	3-2	C-R	1.0-1.5	2	2	5	1	2-3	1	4	Susc	
220863	Canada	Bestal, Cent. Exp. Farm, Ott.	C h P R U Wt Y	3	Inter	3	2-2	C-R	2.0-2.5	1	3	3	2	many	2	5	Susc	
220865	S. Carolina	'Targinnie Red'	C h p R U Wt Y	2	Inter	3	1-2	C-R	2.0-2.75	1	3	3	3	many	4	5	Susc	
223306	Rhode Island		C h P R U Wt Y	3	Inter	3	1-1	C-R	2.5-3.5	1	3	4	3	many	4	5	Susc	
223313	Rhode Island		C h P R U Wt Y	2	Inter	3	3-2	C-R	2.0-2.5	3-1	3	4	3	3-many	2	3	Susc	
223314	Rhode Island		Cch P R U Wt y	3	Inter	4	3-3	C-R	1.75-2.5	1	3	4	3	many	4	3	Susc	
223316	Rhode Island		C h P R U Wt Y	2	Inter	3	1-2	C-R	2.0-2.5	1-5	5	3	3	2-5	4	5	Susc	
223843	Philippines	Cent. Exp. Sta., Laguna	C h P R U Wt Yy	2	Inter	3	2-1	C-R	1.5-3.0	1	3	3	3	3-many	4	4	Susc	
224673	Uruguay	'Mikado'	Cch P R U Wt Y	2	Inter	4	1-2	C-R	3.0-4.0	1	1	5	2	many	5	3	Susc	
224674	New Hampshire	BY No. 5, A. F. Yeager	C h P R U Wt Y	1	Inter	2	1-1	C-R	1.5-2.0	1-2	5	1	3	3-many	1,2	5	Susc	
226516	Iran	USDA H.S. Gentry No. 14560	Cch P R U Wt Y	3	Inter	4	1-5	C-R	1.5-3.0	1	1	4	3	many	4	3	Susc	

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters					Fruit Characters							Disease Reaction		
				Vine Size	Growth and Habit	Leaflet Size	Cracking		Size Inches	Shape	Set	Maturity	Intensity	Flesh Color	Number Locules	Fasciation	Alter-naria	Mosaic
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
226644	Iran	USDA H.S. Gentry No. 14761	C h P R U Wt Y	3	Inter	3	1-5	C-R	2.0-3.5	1-3	1	4	3	many	5	3	Susc	
227304	Iran	USDA H.S. Gentry No. 14692	Cch P R U Wt Yy	3	Inter	4	1-2	C-R	1.5-4.0	1-3	1	4	3	many	5	3	Susc	
229809	New Hampshire	Genetic Tester AES	c h P r U Wt y	2	Inter	5	1-1	C-R	2.0-5.0	1	3	5	—	—	2	3	Susc	
229810	New Hampshire	Genetic Tester AES	C h P r U Wt y	2	Inter	4-5	1-1	C-R	1.25-1.5	4	5	5	2	2-3	2	3	Susc	
231730	Hawaii	HES 5300 Agr. Exp. Sta.	C h P R u Wt Y	3	Inter	3	3-2	C-R	2.25-3.25	1	3	3	2	many	2	4	Susc	
234254	Michigan	A.P. Whallon 'Gold Ball'	C h P r U Wt Y	3	Ind. Inter	3	1-1	C-R	1.0-2.0	2	3	4	1	2-3	1	1	Susc	
234255	Canada	L.F. Ounsworth 'Harrow'	C h P R u Wt Y	2	Det. Inter	2	2-2	C-R	2.0-2.5	2	4	2	4	4-many	1	5	Susc	
234628	S. Africa	'San Marzano'	C h P R U Wt Y	3	Inter	2	1-1	C-R	1.0-1.5x 2.5-3.0	4	4	2	1	2	1	3	Susc	
235673	New York	Rock. Inst. Res. Inf. by T.M.V.	C h P R u Wt Y	5	Inter	3	2-2	C-R	3.0-4.0	1	2	5	2	many	4	3	Susc	
241592	Taiwan	Joint Com. on Reconst.	C h P R U Wt Y	2	Prostr	1	2-2	C-R	2.5-3.0	1	5	1	3	many	3	5	Susc	
244672	India	Superior local selection	C h P R U Wt Y	2	Inter	1	2-2	C-R	1.5-2.5	2	5	3	2	5	1	3	Susc	
244956	Costa Rica	Resist. to late blight	C h P R U Wt Y	3	Inter	3	2-2	C-R	2.0-2.5	1	3	5	1	3-many	4	5	Susc	
244957	Costa Rica	Resist. to late blight	C h P R U Wt Y	3	Inter	3	2-2	C-R	1.0-3.0	2	4	2	1	3-many	2	4	Susc	
245760	Rhode Island		C h P r U Wt Y	2	Inter	3	3-3	C-R	2.0-2.5	1-3	3	3	3	3-5	2	4	Susc	
246994	Greece	E.J. Bell, State Dept., Early	C h P R U Wt Y	1	Prostr	2	1-1	C-R	3.0-4.0	1	3	3	2	many	3	5	Susc	
247089	Australia	Dept. Agr. NSW var. 'Kyri'	C h P R U Wt Y	2	Inter	1	2-1	C-R	1.5-3.0	3	4	2	1	many	5	5	Susc	
247528	Thailand		C h P R U Wt Y	3	Inter	2	2-2	C-R	2.0-3.0	2-3	2	3	2	3-many	2	4	Susc	
248504	England	'Victory'	C h P R u Wt Y	3	Inter	2	2-1	C-R	1.5-2.0	2	4	4	1	2-3	1	5	Susc	
248741	Colombia		C h P R U Wt Y	3	Inter	2	2-2	C-R	0.75-1.5	3	4	2	2	2-many	1	4	Susc	
249567	Thailand	by O. B. Pearson	C h P R U Wt Y	3	Inter	3	2-3	C-R	2.5-3.0	3	1	4	2	many	5	1	Susc	
250123	Holland	'Anait'	C h P R U Wt Y	4	Inter	3	4-4	C-R	2.0-3.5	3	2	3	2	many	2	2	Susc	
250124	Holland	'Oktjabrenok'	C h P R U Wt Y	1	Erect	2	2-2	C-R	1.5-3.0	3	2	2	1	many	4	5	Susc	
250431	Czech.	'Condine Red'	C h P R U Wt Y	3	Inter	2	2-3	C-R	1.5-2.0	2	4	1	4	2-3	1	5	Susc	
250432	Czech.	'Olomoucke'	C h P R u Wt Y	1	Inter	2	1-3	C-R	1.5-3.0	2-3	4	2	2	many	2	5	Susc	
250433	Czech.	'Olomoucke Nizke'	C h P R u Wt Y	1	Inter	2	3-2	C-R	1.5-2.5	2-3	3	1	4	many	2	5	Susc	
250434	Czech.	'Ostravske Rane'	c h P R U Wt Y	3	Inter	3	2-2	C-R	1.5-2.0	2-3	3	3	4	many	2	3	Susc	
250435	Czech.	'Pruhonicky Universal'	C h P R U Wt Y	3	Inter	2	5-2	C-R	1.5-2.0	2	4	3	2	2-3	1	3	Susc	
250436	Czech.	'Stupicke'	C h P R U Wt Y	1	Inter	3	2-2	C-R	1.5-2.0	2	3	1	4	many	1	5	Susc	
250437	Czech.	'Stupicke Rane'	c h P R U Wt Y	2	Inter	3	2-3	C-R	1.5-2.5	2	4	3	3	5-many	1	4	Susc	
251297	Ecuador	Rick LA 409	C H P R U Wt Y	4	Int. Erect	2	3-2	C-R	2.0-3.0	1	3	5	4	many	5	1	Susc	
251298	Peru	Rick LA 457	C h P R U Wt Y	4	Inter	3	3-2	C-R	1.5-2.5	2-3	3	3	1	3-many	2-4	3	Susc	
251626	Yugoslavia	Agrariacoop. Seed House, Zagr.	C h P R U Wt Y	3	Inter	4	3-4	C-R	1.5-2.5	2	3	4	5	many	1	4	Susc	
255829	Italy	58-4 'Barese o apruno'	C h P R U Wt Y	3	Inter	2	1-3	C-R	1.0-2.0	3	4	3	1	2	1	3	Susc	
255830	Italy	58-49 'Lampadina'	C h P R U Wt Y	3	Inter	2	1-1	C-R	1.5x2.5	4	4	3	1	2-3	2	4	Susc	
255831	Italy	58-78 'Panerazio'	C h P R U Wt Y	3	Inter	2	2-3	C-R	2.0-3.0	1	4	2	2	many	4	5	Susc	
255832	Italy	58-79 'Paullo'	C h P R U Wt Y	3	Inter	2	2-2	C-R	3.0-4.0	1	3	3	4	many	4	4	Susc	
255833	Italy	58-86 'Pigmeo'	C h P R U Wt Y	1	Inter	1	2-2	C-R	1.5-2.0	2	4	2	3	3-5	1	5	Susc	
255834	Italy	58-87 'Pilastro'	C h P R U Wt Y	2	Int. Erect	2	4-2	C-R	2.5-3.0	1	3	4	2	many	3,5	3	Susc	
255835	Italy	58-88 'Pirro'	C h P R U Wt Y	2	Inter	1	3-2	C-R	2.5-3.0	1	3	3	2	many	3	4	Susc	
255836	Italy	58-92 'Prezioso'	C h P R U Wt Y	1	Inter	1	4-4	C-R	1.5-2.0	2	4	2	1	3-5	1	4	Susc	
255837	Italy	58-93 'Prospero 21'	C h P R U Wt Y	3	Inter	2	4-2	C-R	2.0-3.0	1	3	3	2	many	3	2	Susc	
255838	Italy	58-94 'Prospero 39'	C h P R U Wt Y	3	Inter	3	4-3	C-R	2.0-3.0	1	3	3	2	many	4	3	Susc	
255839	Italy	58-117 'San Marzano'	C h P R U Wt Y	3	Inter	3	1-1	C-R	1.5x2.5	4	3	3	4	2-many	1	1	Susc	
255840	Italy	58-142 'Vesuvio'	C h P R U Wt Y	3	Inter	3	1-1	C-R	1.5x2.5	4	4	4	2	2	2	2	Susc	
255841	Italy	'Rutgers' x 'Lampadina' F ₁	C h P R U Wt Y	3	Inter	3	2-1	C-R	2.0-2.5	2	3	2	3	3	1	4	Susc	
255842	Italy	'Lampadina' x NDAC 38 F ₁	C h P R Uu Wt Y	2	Ind. Inter	2	1-1	C-R	1.5-2.5 1.5-2.5x3.0	2-3	3	2	3,4	3-many	1,2	4	Susc	

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters									
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Disease Reaction	
							Amt.	Type								Alter- naria	Mosaic
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																	
255843	Italy	L. 3700-3 x 'Ponderosa' F ₁	Ch P R U Wt Y	3	Inter	2	2-2	C-R	2.0-3.0	1	3	2	2	4-many	2	4	Susc
255844	Italy	'Lampadina' x NDAC 38 F ₁	Ch P R U Wt Y	2	Inter	2	2-2	C-R	1.25x2.5	4-1	4	4	3	2-4	2	4	Susc
255845	Italy	'Campione' x 'Lampadina' F ₂	Ch P R U Wt Y	3	Inter	3	1-1	C-R	1.25x2.0	4-1	3	3	2	3-many	2	4	Susc
255846	Italy	'NDAC 38 x 'Lampadina' F ₂	Ch P R U Wt Y	3	Inter	3	1-3	C-R	1.25x2.5	4-1	3	4	3	3-4	2	3	Susc
255847	Italy	NDAC 38 x 'Lampadina' F ₂	Ch P R U Wt Y	1	Inter	3	1-1	C-R	1.0-2.0	3	1	5	1	3-4	2	3	Susc
255848	Italy	NDAC 38 x 'Lampadina' F ₂	Ch P R U Wt Y	3	Inter	3	1-3	C-R	1.0x1.5	5	3	4	1	2	1	4	Susc
255849	Italy	NDAC 38 x 'Lampadina' F ₂	Ch P R U Wt Y	1	Inter	1	2-2	C-R	1.0x1.5	4-3	4	1	1	2	1	5	Susc
255850	Italy	L. 3700-3 x 'Lampadina' F ₂	Ch P R U Wt Y	3	Inter	2	2-2	C-R	1.5-3.0	1-3	4	3	4	3-many	1-5	4	Susc
255851	Italy	L. 3700-3 x 'Lampadina' F ₂	Ch P R U Wt Y	3	Inter	3	2-2	C-R	1.0x2.5	5	4	2	1	2-many	1	4	Susc
255852	Italy	Line 276 x 'Paullo' F ₂	Ch P R U Wt Y	3	Inter	2	2-2	C-R	2.0-2.5	2	3	2	2	many	1	4	Susc
255853	Italy	Line 275 x 'Lampadina' F ₂	Ch P R U Wt Y	3	Inter	2	2-3	C-R	1.5x2.5	5-1	4	2	1	3-many	1,3	4	Susc
255854	Italy	Line 275 x 'Lampadina' F ₂	Ch P R U Wt Y	3	Inter	3	2-2	C-R	2.0x3.0	5-1	4	4	1	3-many	2	4	Susc
255855	Italy	L. 3700-3 x 'Lampadina' F ₃	Ch P R U Wt Y	1	Inter	2	1-1	C-R	0.75x1.0	4	5	1	3	2	1	5	Susc
255856	Italy	L. 3700-3 x 'Lampadina' F ₃	Ch P R U Wt Y	2	Inter	3	2-2	C-R	1.5-2.5	1-3	4	2	4	many	2	4	Susc
255857	Italy	L. 3700-3 x 'Lampadina' F ₃	Ch P R U Wt Y	3	Ind. Inter	2	2-2	C-R	1.5-3.0	1-3	3	4	3	3-many	1,3	3	Susc
255858	Italy	L. 3700-3 x 'Ponderosa' F ₃	Ch P R U Wt Y	1	Ind. Erect	3	1-1	C-R	1.5-2.0	2	2	4	1	4-many	1	4	Susc
255859	Italy	L. pimp. x 'Ponderosa' F ₄	Ch P R U Wt Y	3	Inter	3	3-1	C-R	2.5-4.0	1	1	5	1	many	5	2	Susc
255860	Italy	L. pimp. x 'Ponderosa' F ₄	Ch P R U Wt Y	3	Inter	3	3-3	C-R	0.75x1.5	4-1	2	4	R-5,r-1	2-4	1-3	2	Susc
255861	Italy	'San Marzano' x (15x21)No.2 F ₄	Ch P R U Wt Y	4	Inter	3	1-1	C-R	0.75-1x2.5	4	3	5	2	2	1	2	Susc
255862	Italy	'Blood Orange' x 'Cuor di bue' F ₄	Ch P R U Wt Y	5	Inter	3	1-2	C-R	2.0-3.5	1-2	1	5	1	5-many	1,5	2	Susc
255863	Italy	'Blood Orange' x 'Cuor di bue' F ₄	Ch P R U Wt Y	4	Inter	3	1-2	C-R	2.0-3.5	1	1	5	R-3,r-1	Many	3-5	2	Susc
255864	Italy	'Palla d'oro' x 'Cuor di bue' F ₅	Ch P R U Wt Y	2	Inter	3	1-1	C-R	1.0x1.5	4	3	4	1	2	1	3	Susc
255865	Italy	'Ponderosa' x 'Cuor di bue' F ₅	Ch P R U Wt Y	2	Inter	2	1-1	C-R	2.0-2.5	1	1	5	4	many	2	2	Susc
255866	Italy	'San Marzano' x 'Cuor di bue' F ₅	Ch P R U Wt Y	3	Inter	3	2-1	C-R	1.5x2.0	4	1	4	3	2-3	1	2	Susc
255867	Italy	'Tangerine' x 'Cuor di bue' F ₇	Ch P R U Wt Y	4	Inter	3	2-2	C-R	2.5-4.0	1	1	5	3	many	4	1	Susc
255868	Italy	'Line 276' x 'Paullo'	Ch P R U Wt Y	1	Inter	3	2-2	C-R	2.0-3.0	1	3	5	3	many	2	2	Susc
255955	Argentina	Univ. Mendoza, A. Piovano	Ch P R U Wt Y	2	Erect	4	1-2	C-R	2.5-4.0	2	3	4	3	many	2	2	Susc
256259	California	Rick LA212 52 L352-18	Ch P R U Wt Y	4	Ind. Inter	3	5-5	C-R	2.0-2.5	1-2	1	5	1	many	2	1	Susc
257290	Spain	'Murciano', Exp. Sta. Murcia	Ch P R U Wt Y	3	Ind. Inter	3	5-5	C-R	3.0	2	3	4	1	many	2	4	Susc
257484	Ohio	'Heinz 302', Bowling Green	Ch P R U Wt Y	4	Inter	3	2-2	C-R	2.0-3.0	1	3	5	1	many	2	4	Susc
257488	Manchuria	Coll. Agr., Harbin No. 2	Ch P R U Wt Y	2	Ind. Inter	3	2-3	C-R	2.0-2.5	1	3	3	3	3-many	3	3	Susc
257489	Manchuria	Coll. Agr., Harbin No. 3	Ch P R U Wt Y	4	Ind. Inter	2	1-1	C-R	1.5x2.0	3-5	3	1	1	2	2	5	Susc
258469	Chile	Rick LA 466	Ch P R U Wt Y	5	Ind. Inter	2	2-3	C-R	2.0-3.0	1	2	4	1	many	5	2	Susc
258470	Chile	Rick LA 467	Ch P R U Wt Y	5	Ind. Inter	4	2-2	C-R	3.0-3.5	1	1	5	1	many	5	2	Susc
258471	Chile	Rick LA 468	Ch P R U Wt Y	4	Ind. Inter	4	5-2	C-R	1.5-2.5	1	3	4	3	2-4	2	2	Susc
258472	Colombia	Rick LA 356	Ch P R U Wt Y	4	Ind. Inter	3	2-2	C-R	1.0-1.5	1	4	3	2	2-many	1,3	3	Susc
258473	Ecuador	Rick LA 408	Ch P R U Wt Y	4	Ind. Erect	2	2-1	C-R	1.5-2.5	1	1	5	2	4-many	3	2	Susc
258474	Ecuador	Rick LA 410	Ch P R U Wt Y	4	Ind. Erect	2	2-2	C-R	2.0-3.0	1	2	5	2	many	5	3	Susc
258475	Ecuador	Rick LA 415	Ch P R U Wt Y	4	Ind. Erect	2	2-2	C-R	1.5-2.5	1	1	4	1	many	5	2	Susc
258476	Ecuador	Rick LA 417	Ch P R U Wt Y	3	Ind. Inter	2	3-1	C-R	1.0-1.5	1	4	5	2	5-many	1	2	Susc
258477	Peru	Rick LA 393	Ch P R U Wt Y	2	Ind. Prostr	3	2-1	C-R	2.0-3.0	1	3	1	1	many	5	5	Susc
258478	Peru	Rick LA 394	Ch P R U Wt Y	4	Ind. Inter	3	2-2	C-R	1.5-2.0	1	4	1	1	many	5	3	Susc
258479	Peru	Rick LA 402B	Ch P R U Wt Y	2	Ind. Inter	3	4-2	C-R	2.0-3.5	1	4	2	4	many	2	5	Susc
258480	Peru	Rick LA 403	Ch P R U Wt Y	4	Ind. Inter	3	1-2	C-R	1.5-2.5	1	4	2	3	many	3	5	Susc
258482	Peru	Rick LA 457-1	Ch P R U Wt Y	3	Ind. Inter	4	4-2	C-R	2.0-2.5	1	4	3	2	3-many	3	4	Susc
258483	Peru	Rick LA 457-2	Ch P R U Wt Y	4	Ind. Inter	4	3-3	C-R	1.5-2.5	1	3	3	1	4-many	4	1	Susc
258486	Peru	Rick LA 473	Ch P R U Wt Y	3	Ind. Inter	2	5-3	C-R	1.5-2.5	1-2	3	3	5	3-many	1,4	2	Susc
258488	Peru	Rick LA 478	Ch P R U Wt Y	4	Ind. Inter	2	2-2	C-R	1.0-1.5	1	4	3	3	many	3	2	Susc
260394	Brazil	Smith, U. Calif. M-1	Ch P R U Wt Y	4	Ind. Inter	3	3-2	C-R	1.5-2.0	3	3	3	1	2-3	1	3	Susc
260396	Bolivia	P.G. Smith U. Calif. M-3	Ch P R U Wt Y	4	Ind. Inter	4	3-2	C-R	1.5-2.5	1	2	3	4	many	3	3	Susc

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Disease Reaction	
							Amt.	Type								Alter- naria	Mosaic
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																	
260397	Bolivia	P.G. Smith U. Calif. M-4	C h P r U Wt Y	3	Ind. Inter	3	2-1	C-R	1.0x1.5	5	4	3	1	2	1	4	Susc
260398	Bolivia	P. G. Smith U. Calif. M-5	C h P r U Wt Y	3	Ind. Inter	3	2-2	C-R	2.0-2.5	1	3	3	1	many	4	3	susc
260399	Bolivia	P.G. Smith U. Calif. M-6	C h P r U Wt Y	4	Ind. Inter	3	1-1	C-R	1.0-1.5	2	5	4	1	3-5	1	3	Susc
260400	Bolivia	P.G. Smith U. Calif. M-8	C h P R U Wt Y	3	Ind. Inter	3	3-2	C-R	1.0-1.5	2-3	4	2	4	2-4	1	3	Susc
260401	Bolivia	P.G. Smith U. Calif. M-9	C h P r U Wt Y	3	Ind. Inter	3	2-2	C-R	1.0x1.5	3-5	5	2	1	2	1	4	Susc
260403	Bolivia	P.G. Smith U. Calif. M-11	C h P r U Wt Y	4	Ind. Inter	2	1-1	C-R	1.5	2	2	2	2	2	1	2	Susc
260404	Bolivia	P.G. Smith U. Calif. M-7	C h P R U Wt Y	4	Ind. Inter	4	2-1	C-R	1.0x1.5	5	3	3	2	2	1	3	Susc
261784	France	'Super Marmade' E. Davis	C h P R U Wt Y	3	Ind. Inter	3	3-3	C-R	2.5-3.0	1	3	1	2	many	3	5	Susc
262159	Spain	USDA E. Davis D-110	C h P R U Wt Y	4	Ind. Inter	3	2-1	C-R	1.5-2.0	3	4	4	1	2-3	2	3	Susc
262160	Spain	USDA E. Davis D-111	C h P R U Wt Y	4	Ind. Inter	4	1-1	C-R	1.0-1.5	3	3	3	4	2	1	3	Susc
262173	Germany	(cold resistant) Davis-178	C h P R U Wt Y	3	Ind. Inter	3	3-2	C-R	2.0-2.5	2	2	1	1	2	1	3	Susc
262175	Germany	USDA E. Davis D-195	C h P R u Wt Y	4	Ind. Inter	3	3-2	C-R	2.0-2.5	2	4	1	4	2-3	1	4	Susc
262892	Mexico	USDA H.S. Gentry No. 17741	C h P R u Wt Y	4	Ind. Inter	3	3-2	C-R	1.5-2.5	2	4	3	3	2	1	3	Susc
262909	Spain	USDA 'Perfection' E. Davis	C h P R U Wt Y	2	Ind. Inter	3	4-4	C-R	2.5-3.5	1	2	4	1	many	2	4	Susc
262929	U.S.S.R.	'Gruntovy Gribovsky' 1180	C h P R U Wt Y	2	Det. Inter	2	3-2	C-R	2.0-2.5	1	5	1	4	2-many	1	5	Susc
262930	U.S.S.R.	'Gruntovy Skorospely' 1165	C h P R U Wt Y	1	Det. Prostr	2	5-3	C-R	1.5-2.5	2	4	1	3	2-4	1	5	Susc
262933	U.S.S.R.	'Erevani 14'	C h P R U Wt Y	3	Ind. Inter	3	3-3	C-R	2.5-3.0	1	3	3	2	4-many	2	4	Susc
262936	U.S.S.R.	'Shtambovy Ronny' 1563	C h P R U Wt Y	1	Det. Inter	4	4-4	C-R	2.5-3.5	1	3	1	5	many	3	4	Susc
263710	Puerto Rico	H2	C h P R U Wt Y	4	Ind. Inter	3	3-3	C-R	2.0-3.0	1	4	4	2	5-many	3	3	Susc
263711	Puerto Rico	H3	C h P R U Wt Y	3	Ind. Inter	3	2-2	C-R	2.0-2.5	1	4	4	3	4-many	3	3	Susc
263712	Puerto Rico	H4	C h P R U Wt Y	2	Ind. Inter	3	3-3	C-R	2.0-2.5	1	3	4	3	4-many	2	3	Susc
263713	Puerto Rico	15 CM 'Plamar' x 'Plalhilo' x 'Marglobe'	C h P R U Wt Y	2	Ind. Inter	3	1-4	C-R	2.0-2.5	2	3	3	3	3-4	2	2	Susc
263714	Puerto Rico	31 AM-6	C h P R U Wt Y	1	Det. Inter	3	3-3	C-R	1.5-2.5	2	3	5	2	4-many	2	5	Susc
263715	Puerto Rico	78 BM	C h P R U Wt Yy	3	Ind. Inter	2	3-3	C-R	2.0-2.5	1	3	4	3	many	4	2	Susc
263716	Puerto Rico	80	C h P R U Wt Yy	3	Ind. Inter	2	2-1	C-R	1.5x2.5	2,3,5	3	3	3	2,2-5	2	2	Susc
263717	Puerto Rico	104 AM	C h P R u Wt Y	1	Det. Inter	3	3-3	C-R	2.5-3.0	2	4	3	4	many	2	5	Susc
263718	Puerto Rico	105 - A	C h P R u Wt Y	3	Det. Inter	3	1-2	C-R	2.0-2.5	2	4	4	3	many	2	4	Susc
263719	Puerto Rico	119	C h P R U Wt Y	3	Ind. Inter	4	1-2	C-R	2.5-3.0	2	3	3	3	5-many	1	3	Susc
263720	Puerto Rico	123	C h P R u Wt Y	3	Ind. Inter	2	2-2	C-R	1.5-2.5	2	4	4	2	4-many	2	4	Susc
263721	Puerto Rico	126 M	C h P R U Wt Y	2	Det. Inter	2	2-2	C-R	2.5-3.0	2	4	3	4	3-many	2	5	Susc
263722	Puerto Rico	199	C h P R u Wt Y	3	Ind. Inter	2	3-2	C-R	1.5-2.0	2	3	3	3	3-many	1	3	Susc
263723	Puerto Rico	214	C h P R U Wt Y	2	Ind. Inter	3	3-4	C-R	2.5-3.0	2	3	3	3	4-many	2	2	Susc
263724	Puerto Rico	242 Rio Piedras Sta.	C h P R u Wt Y	1	Det. Inter	3	2-1	C-R	2.0x2.5	3-4	5	3	3	2	1	2	Susc
263725	Puerto Rico	408 Rio Piedras Sta.	C h P R u Wt Y	1	Det. Inter	2	3-3	C-R	1.5-2.5	2	3	4	3	3-5	2	3	Susc
263726	Puerto Rico	414 Rio Piedras Sta.	C h P R u Wt Y	3	Det. Inter	3	2-2	C-R	1.5-2.5	2	3	5	1	3-5	1	2	Susc
264336	Spain	'Rachapea' E. Davis 109	C h P R U Wt Yy	3	Ind. Inter	3	3-3	C-R	2.0-3.0	1	1	5	1	many	3	1	Susc
264548	Chile	'Limachino' USOM	C h P R U Wt Y	1	Ind. Inter	2	3-3	C-R	2.0-2.5	1	2	3	3	many	3	3	Susc
265955	Hawaii	J.C. Gilbert AES Anahu	C h P R u Wt Y	4	Ind. Inter	2	2-2	C-R	2.0-2.5	2	3	5	2	many	1	4	Susc
265956	Hawaii	J.C. Gilbert AES Kolea C	C h P R u Wt Y	2	Det. Inter	3	1-5	C-R	2.0-2.5	2	4	3	5	many	1	5	Susc
265957	Hawaii	J.C. Gilbert AES HES 6321	C h P R U Wt Y	3	Ind. Inter	3	3-2	C-R	2.0-2.5	2	3	5	2	many	1	4	Susc
268107	Mexico	Rockefeller Foundation, Mexico City	C h P R u Wt Y	4	Ind. Inter	3	2-2	C-R	2.5-3.0	2	3	3	3	4-many	1	3	Susc
268407	Afghanistan	USDA J. R. Harlan No. 293	C h P R U Wt Yy	5	Ind. Inter	3	2-3	C-R	2.0-3.0	1	2	5	3	many	3	2	Susc
269512	W. Pakistan	USDA J. R. Harlan No. 422	C h P R U Wt Yy	4	Ind. Inter	2	1-2	C-R	1.25-2.5	1-2	3	5	3	4-many	1-3	2	Susc
269513	W. Pakistan	USDA J. R. Harlan No. 662	C h P R U Wt Y	4	Ind. Inter	3	3-3	C-R	2.0-2.5	1	4	5	3	many	3	2	Susc
269514	W. Pakistan	USDA J. R. Harlan No. 981	C h P R U Wt Y	4	Ind. Inter	1	1-1	C-R	0.75-1.13	2	3	2	4	2	1	2	Susc
270149	Mexico	Roc. Found. Lars. & Alv. No. 6-N	C h P R U Wt Yy	3	Ind. Inter	2	2-2	C-R	1.5-2.5	1	3	1	1	many	4	3	Susc
270403	Mexico	Roc. F. Larson & Alvarez No. 37	C h P R U Wt Y	3	Ind. Inter	2	1-1	C-R	1.5-2.5	2-3	3,4	3,4	3,4	2-3, many	2,2	1	Susc
270404	Mexico	Roc. F. Larson & Alvarez No. 39	C h P R U Wt Y	1	Ind. Erect	2	1-1	C-R	0.75-1.0	3-4	1	5	3,4	2	1	1	Susc

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking Amt.	Type	Size Inches	Shape	Set	Ma- turity	Inten- sity Flesh Color	Number Locules	Fos- cia- tion	Alter- naria	Mosaic	
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
270405	Mexico	Roc.F.Larson & Alvarez No. 2	C h P R U Wt Yy	3	Ind. Inter	3	2-1	C-R	1-1.25, 0.5-1.0	1-2	3	3	3	3-many	4,1	1	Susc	
270406	Mexico	Roc.F.Larson & Alvarez No. 3	C h P R U Wt Y	3	Ind. Inter	2	2-2	C-R	1.0-1.5	1-2	3	2	4	5-many	1,3	1	Susc	
270407	Mexico	Roc.F.Larson & Alvarez No. 4	C h P R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.5-0.75	2	3	2	3	2	1	1	Susc	
270408	Mexico	Roc.F.Larson & Alvarez No. 5	C h P R U Wt y	4	Ind. Inter	2	3-1	C-R	0.75-1.0	2	3	1	4	2-many	1	2	Susc	
270409	Mexico	Roc.F.Larson & Alvarez No. 6	C h P R U Wt Yy	3	Ind. Inter	1	2-2	C-R	1.0-1.5	2-1	3	2	3	2-many	3,1	2	Susc	
270410	Mexico	Roc.F.Larson & Alvarez No. 7	C h P R U Wt Y	3	Ind. Inter	2	2-1	C-R	1.25-1.5	1	3	2	2	many	4-3	2	Susc	
270411	Mexico	Roc.F.Larson & Alvarez No. 8	C h P R U Wt Y	4	Ind. Inter	2	2-1	C-R	1.0,75-1.0	2-5	3	3	3	2-3,2	1	3	Susc	
270412	Mexico	Roc.F.Larson & Alvarez No. 9	C h P R U Wt Y	4	Ind. Inter	2	2-2	C-R	1.5-2.0	1	1	3	3	many	3	3	Susc	
270413	Mexico	Roc.F.Larson & Alvarez No. 10	C h P R U Wt y	4	Ind. Inter	2	1-1	C-R	2.0-2.25	1	2	4	1	many	4	2	Susc	
270414	Mexico	Roc.F.Larson & Alvarez No. 11	C h P R U Wt Y	4	Ind. Inter	3	2-2	C-R	1.4-2.5	1	4	3	2	many	4	4	Susc	
270415	Mexico	Roc.F.Larson & Alvarez No. 13	C h P R U Wt Y	4	Ind. Inter	2	2-3	C-R	2-2.5, 1.5	1-2	3	3	2	many, 2-4	3-1	4	Susc	
270416	Mexico	Roc.F.Larson & Alvarez No. 14	C h P R U Wt Yy	3	Ind. Inter	3	1-2	C-R	2.0-2.5	1	4	1	3	many	3	4	Susc	
270417	Mexico	Roc.F.Larson & Alvarez No. 15	C h P R U Wt Y	4	Ind. Inter	3	1-1	C-R	1.75-2.5	1	3	4	1	many	5	3	Susc	
270418	Mexico	Roc.F.Larson & Alvarez No. 17	C h P R U Wt Yy	4	Ind. Inter	3	1-2	C-R	1.5-2.0	1	3	2	2	many	2-4	3	Susc	
270419	Mexico	Roc.F.Larson & Alvarez No. 18	C h P R U Wt Y	4	Ind. Inter	2	1-3	C-R	1.5-2.0	1	3	3	2	many	3	3	Susc	
270420	Mexico	Roc.F.Larson & Alvarez No. 19	C h P R U Wt y	3	Ind. Inter	3	2-2	C-R	1.5-2.0	1	1	3	1	4-many	3	2	Susc	
270421	Mexico	Roc.F.Larson & Alvarez No. 20	C h P R U Wt Yy	2	Ind. Inter	2	5-2	C-R	1.75-2.25	1	2	2	2	many	3-4	2	Susc	
270422	Mexico	Roc.F.Larson & Alvarez No. 21	C h P R U Wt Y	3	Ind. Inter	1	3-3	C-R	1.5-2.0	1	2	2	2	many	3	1	Susc	
270423	Mexico	Roc.F.Larson & Alvarez No. 22	C h P R U Wt Yy	3	Ind. Inter	2	5-3	C-R	2.0-2.5	1	1	4	3	many	4	2	Susc	
270424	Mexico	Roc.F.Larson & Alvarez No. 38	C h P R U Wt Yy	3	Ind. Inter	3	1-1	C-R	1.0-1.5	2	3	4	3	2-3	1	1	Susc	
270425	Mexico	Roc.F.Larson & Alvarez No. 40	C h P R U Wt Y	3	Ind. Inter	3	2-1	C-R	2.0-2.5, 0.75-1.0	1-2	3	3,5	4	many, 3-5	4-1	2	Susc	
270426	Mexico	Roc.F.Larson & Alvarez No. 41	C h P R U Wt Yy	3	Ind. Inter	2	2-2	C-R	1.25-1.75	1	4	4	3	5-many	3	3	Susc	
270427	Mexico	Roc.F.Larson & Alvarez No. 42	C h P R U Wt Y	4	Ind. Inter	3	1-2	C-R	2.0-2.25	1	3	4	2	many	4	2	Susc	
270428	Mexico	Roc.F.Larson & Alvarez No. 43	C h P R U Wt Y	4	Ind. Inter	3	2-2	C-R	1.5-2.5	1	3	3	4	many	3	2	Susc	
270429	Mexico	Roc.R.Larson & Alvarez No. 44	C h P R U Wt Y	4	Ind. Inter	3	1-1	C-R	2.5-3.0	1	3	3	2	many	3	3	Susc	
270430	Mexico	Roc.F.Larson & Alvarez No. 45	C h P R U Wt Y	4	Ind. Inter	3	1-1	C-R	2.5-3.0	1	2	3	2	many	4	3	Susc	
270431	Mexico	Roc.F.Larson & Alvarez No. 46	C h P R U Wt y	3	Ind. Inter	2	1-2	C-R	2.0-2.5	1	3	5	3	5-many	5	3	Susc	
270432	Mexico	Roc.F.Larson & Alvarez No. 50	C h P R U Wt y	3	Ind. Inter	3	2-2	C-R	2.0 3.0	5	2	4	4	4-many	4	3	Susc	
270433	Mexico	Roc.F.Larson & Alvarez No. 51	C h P R U Wt y	3	Ind. Inter	3	3-3	C-R	2.25-3.0	1	1	5	4	3-many	4	3	Susc	
270434	Mexico	Roc.F.Larson & Alvarez No. 52	C h P R U Wt y	3	Ind. Inter	3	1-1	C-R	2.0-3.0	1	1	5	4	3-many	4	2	Susc	
271122	Canada	Ottawa 57 BIC 4	C h P R u Wt Y	1	Det. Inter	3	1-2	C-R	1.75-2.75	2	3	3	4	5-many	2	5	Susc	
271123	Canada	Ottawa 57 KIA 1	C h P R u Wt Y	2	Det. Inter	3	3-3	C-R	2.0-2.5	2	1	5	3	4-many	2	4	Susc	
271124	Canada	Ottawa 57 TIA	C h P R u Wt Y	1	Det. Inter	2	5-3	C-R	2.0-2.5	2	3	5	3	many	2	4	Susc	
271381	India	USDA J. R. Harlan No. 1505	C h P R U Wt Y	2	Det. Inter	2	4-2	C-R	2	2	3	2	3	2-3	1	3	Susc	
271382	India	USDA J. R. Harlan No. 1506	C h P R U Wt Y	3	Ind. Inter	3	5-3	C-R	2.0-2.5	1	2	4	2	3-many	2	2	Susc	
271383	India	USDA J. R. Harlan No. 1507	C h P R U Wt Y	2	Ind. Inter	3	2-4	C-R	1.5-2.5	1	3	3	3	4-many	2	2	Susc	
271384	India	USDA J. R. Harlan No. 1508	C h P R U Wt Y	2	Ind. Inter	3	3-5	C-R	2.25-2.5	2	3	3	4	3-5	2	3	Susc	
271385	India	USDA J. R. Harlan No. 1509	C h P R U Wt Yy	4	Ind. Inter	3	2-1	C-R	1.5-2.5	1	3	3	2	3-many	2	2	Susc	
271386	India	USDA J. R. Harlan No. 1510	C h P R U Wt Y	3	Ind. Inter	2	2-3	C-R	2.25-2.5	1	3	3	2	4-many	2	2	Susc	
271387	India	USDA J. R. Harlan No. 1511	C h P R U Wt Y	3	Ind. Inter	2	1-1	C-R	0.75x1.0	3-5	4	2	4	2	1	3	Susc	
271388	India	USDA J. R. Harlan No. 1512	C h P R U Wt Y	3	Ind. Inter	2	1-1	C-R	0.75x1.0	3-5	3	3	4	2	1	4	Susc	
271481	India	USDA J. R. Harlan No. 1194	C h P R U Wt Y	3	Ind. Inter	3	2-3	C-R	2.0-2.5	1	3	4	3	4-many	2	3	Susc	
271482	India	USDA J. R. Harlan No. 1281	C h P R U Wt Y	4	Ind. Inter	3	2-3	C-R	1.5-2.5	1	2	4	3	3-many	2	3	Susc	
271781	U. of S. Africa	'Red Kahki', Pretoria	C h P R U Wt Y	3	Ind. Inter	3	4-4	C-R	2.5-3.0	2	3	4	1	5-many	2	3	Susc	
272626	El Salvador	Schwanitz, Hamburg, Germany No. 1140	C h P R U Wt Y	3	Ind. Inter	3	1-1	C-R	1.0x1.25	3-5	2	3	2	2	1	2	Susc	
272627	El Salvador	No. 1141	C h P R U Wt Y	3	Ind. Inter	3	1-1	C-R	1.0-1.25	2-3	2	4	2	2-5	1	2	Susc	
272628	El Salvador	No. 1142	C h P R U Wt Y	3	Ind. Inter	2	2-1	C-R	1.13-1.25	2	3	3	3	2-3	1	2	Susc	

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaflet Size	Cracking		Size Inches	Shape	Set	Maturity	Intensity Flesh Color	Number Locules	Fasciation	Alter-naria	Mosaic	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
272629	El Salvador	Schwanitz, Hamburg, Germany	No. 1143	Ch PRU Wt Y	3	Ind. Inter	3	1-1	C-R	1.4-1.75	3	4	3	3	2	1	2	Susc
272630	El Salvador		No. 1144	Ch PRU Wt Yy	4	Ind. Inter	3	1-1	C-R	1.0-1.5	3	3	3	2	2	1	3	Susc
272631	El Salvador		No. 1145	Ch PRU Wt y	4	Ind. Inter	3	2-1	C-R	1.4	3	3	4	2	2	1	2	Susc
272632	El Salvador		No. 1146	Ch PRU Wt y	4	Ind. Inter	2	1-1	C-R	1.25	2	3	3	3	2	1	3	Susc
272633	El Salvador		No. 1147	Ch PRU Wt Yy	4	Ind. Inter	2	1-1	C-R	0.85-1.13	2	3	2	2	2-4	1	1	Susc
272634	El Salvador		No. 1148	Ch PRU Wt Y	4	Ind. Inter	1	1-1	C-R	0.5-0.75	2	3	3	3	2	1	2	Susc
272635	Costa Rica		No. 1149	Ch PRU Wt Y	5	Ind. Inter	3	1-1	C-R	0.5-0.75	2	4	2	4	2	1	2	Susc
272636	Costa Rica		No. 1150	Ch PRU Wt Y	4	Ind. Inter	2	1-1	C-R	0.75	2	3	3	3	2	1	2	Susc
272637	Costa Rica		No. 1151	Ch PRU Wt Y	4	Ind. Inter	2	1-1	C-R	0.75	2	1	3	4	2	1	1	Susc
272638	Costa Rica		No. 1152	Ch PRU Wt Y	4	Ind. Inter	3	1-1	C-R	0.5-0.75	2	2	3	4	2	1	2	Susc
272640	El Salvador		No. 1154	Ch PRU Wt Y	4	Ind. Inter	2	1-1	C-R	0.5-0.75	2	1	3	2	2	1	2	Susc
272643	El Salvador		No. 1157	Ch PRU Wt Y	4	Ind. Inter	3	1-1	C-R	0.5	2	1	4	2	2	1	1	Susc
272644	Guatemala		No. 1158	Ch PRU Wt y	4	Ind. Inter	3	1-3	C-R	1.75-2.25	2	3	3	2	2-many	3	3	Susc
272645	Guatemala		No. 1159	Ch PRU Wt Y	3	Ind. Inter	2	1-1	C-R	0.62	2	3	3	3	2-3	1	1	Susc
272647	Guatemala		No. 1161	Ch PRU Wt Y	3	Ind. Inter	1	1-1	C-R	0.75	2	3	1	3	2	1	2	Susc
272648	Guatemala		No. 1162	Ch PRU Wt Y	5	Ind. Inter	1	1-1	C-R	0.5-0.75	2	4	2	1	2	1	1	Susc
272649	Guatemala		No. 1163	Ch PRU Wt Y	4	Ind. Inter	3	1-1	C-R	0.5	2	3	2	3	2	1	1	Susc
272651	Guatemala		No. 1165	Ch PRU Wt Y	3	Ind. Inter	3	1-1	C-R	0.62	2	2	2	3	2	1	2	Susc
272652	Guatemala		No. 1166	Ch PRU Wt Y	5	Ind. Inter	1	1-1	C-R	0.5-0.75	2	1	5	3	2-3	1	1	Susc
272653	Guatemala		No. 1167	Ch PRU Wt Y	4	Ind. Inter	2	1-1	C-R	0.5-0.75	2	2	2	3	2	1	1	Susc
272655	Guatemala		No. 1169	Ch PRU Wt Y	3	Ind. Inter	2	1-1	C-R	0.5-0.62	2	3	3	2	2	1	1	Susc
272656	Guatemala		No. 1170	Ch PRU Wt Y	3	Ind. Inter	2	2-1	C-R	0.5-0.75	2	3	3	3	2	1	2	Susc
272658	Guatemala		No. 1172	Ch PRU Wt Y	4	Ind. Inter	1	1-1	C-R	0.5	2	3	2	3	2	1	2	Susc
272660	Guatemala		No. 1174	Ch PRU Wt Y	3	Ind. Inter	1	1-1	C-R	0.5-0.75	2	3	2	3	2-3	1	2	Susc
272662	Guatemala		No. 1176	Ch PRU Wt Y	2	Ind. Inter	2	2-1	C-R	0.5-0.75	2	3	3	2	2	1	2	Susc
272663	Guatemala		No. 1177	Ch PRU Wt Y	3	Ind. Inter	1	1-1	C-R	0.5-0.75	2	4	1	4	2	1	2	Susc
272664	El Salvador		No. 1178	Ch PRU Wt y	3	Ind. Inter	3	3-2	C-R	1.5-2, 1.25	2-3	3	3	3	2	2	3	Susc
272665	El Salvador		No. 1179	Ch PRU Wt Y	3	Ind. Inter	3	2-1	C-R	1.25-1.5	3	4	3	4	2	1	3	Susc
272666	El Salvador		No. 1180	Ch PRU Wt Yy	3	Ind. Inter	3	3-2	C-R	1.0	2	4	2	3	2	1	2	Susc
272667	El Salvador		No. 1181	Ch PRU Wt Yy	3	Ind. Inter	1	3-1	C-R	1.25, 2x1.37	2-5	3	3	1	2	1	3	Susc
272668	El Salvador		No. 1182	Ch PRU Wt Y	4	Ind. Inter	2	2-2	C-R	1.0	2	4	2	3	2	1	3	Susc
272669	El Salvador		No. 1183	Ch PRU Wt Y	5	Ind. Inter	1	2-2	C-R	1.37	2-3	1	3	3	2	1	1	Susc
272670	El Salvador		No. 1184	Ch PRU Wt Y	3	Ind. Inter	2	1-2	C-R	1.0-1.25	2	4	3	1	3-many	2	2	Susc
272671	El Salvador		No. 1185	Ch PRU Wt y	3	Ind. Inter	2	3-2	C-R	1.13x1.25	3-5	3	3	3	2-3	1	3	Susc
272672	El Salvador		No. 1186	Ch PRU Wt Y	4	Ind. Inter	2	1-2	C-R	1.0-1.25	2	3	3	2	3-many	2	3	Susc
272673	El Salvador		No. 1187	Ch PRU Wt y	3	Ind. Inter	3	2-2	C-R	1.5-1.75	2	3	3	2	3-4	2	2	Susc
272674	El Salvador		No. 1188	Ch PRU Wt Yy	3	Ind. Inter	3	2-2	C-R	1.0-1.25	2	3	4	3	2-4	2	2	Susc
272675	El Salvador		No. 1189	Ch PRU Wt y	4	Ind. Inter	2	2-2	C-R	1.5-2.0	2	1	4	2	3-many	1	2	Susc
272676	El Salvador		No. 1190	Ch PRU Wt y	4	Ind. Inter	3	3-3	C-R	2.0-2.5	1	3	5	1	4-many	3	3	Susc
272677	El Salvador		No. 1191	Ch PRU Wt y	4	Ind. Inter	4	2-2	C-R	1.5-1.75	1	2	4	3	4-many	2	3	Susc
272678	El Salvador		No. 1192	Ch PRU Wt y	4	Ind. Inter	2	1-1	C-R	1.25-1.5	2-3	3	3	3	2-many	1	2	Susc
272679	El Salvador		No. 1193	Ch PRU Wt y	4	Ind. Inter	3	2-2	C-R	1.75-2.13	1	3	3	2	5-many	4	1	Susc
272680	El Salvador		No. 1194	Ch PRU Wt y	5	Ind. Inter	3	1-1	C-R	1.25-1.5	3	3	4	3	2-3	1	2	Susc
272681	El Salvador		No. 1195	Ch PRU Wt Yy	2	Ind. Inter	3	3-4	C-R	1.25-1.75	1	3	2	3	3-many	2	3,5	Susc
272682	El Salvador		No. 1196	Ch PRU Wt Yy	1	Ind. Inter	2	3-4	C-R	1.25-1.75	1-2	3	1	2	3-5	2,1	4	Susc
272683	El Salvador		No. 1197	Ch PRU Wt Y	2	Ind. Inter	3	3-1	C-R	1.0-1.5	2	1	4	2	3-4	1	3	Susc
272684	El Salvador		No. 1198	Ch PRU Wt y	2	Ind. Inter	3	3-2	C-R	1.0-1.5	2	1	4	3	3	1	3	Susc

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters								Disease Reaction		
				Vine Size	Growth and Habit	Leaflet Size	Cracking		Size Inches	Shape	Set	Maturity	Intensity Flesh Color	Number Locules	Fasciation	Alter-naria	Mosaic	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
272685	El Salvador	Schwanitz, Hamburg, Germany	No. 1199	C h P R U Wt Y	3	Ind. Inter	3	2-2	C-R	1.0-1.5	3	3	3	1	2-3	1	1	Susc
272686	El Salvador		No. 1200	C h P R U Wt Yy	2	Ind. Inter	2	2-3	C-R	1.0-1.75	1-2	4	2	3	2-3	1	1	Susc
272687	El Salvador		No. 1201	C h P R U Wt Y	3	Ind. Inter	2	3-3	C-R	0.75-1.25	3	3	2	3	2-3	1	3	Susc
272688	El Salvador		No. 1202	C h P R U Wt y	4	Ind. Inter	3	2-2	C-R	1.0-1.75	2	3	2	2	3-4	1	1	Susc
272689	El Salvador		No. 1203	C h P R U Wt Y	4	Ind. Inter	3	1-1	C-R	1.0x1.5	5-3	3	3	1	2-3	1	1	Susc
272690	El Salvador		No. 1204	C h P R U Wt Y	4	Ind. Inter	3	2-2	C-R	0.75-2.0	3	4	3	2	2-3	1	1	Susc
272691	El Salvador		No. 1205	C h P R U Wt Y	3	Ind. Inter	2	2-2	C-R	1.0-1.5	3-2	3	3	3	2-3	1	2	Susc
272692	El Salvador		No. 1206	C h P R U Wt Y	3	Ind. Inter	2	3-1	C-R	1.0-1.25	2	3	3	3	2	1	1	Susc
272693	El Salvador		No. 1207	C h P R U Wt Y	1	Ind. Inter	3	2-2	C-R	1.0-1.25	2-3	3	2	1	2-3	1	1	Susc
272694	Honduras		No. 1208	C h P R U Wt y	3	Ind. Inter	3	2-2	C-R	1.25-2.0	2-1	3	2	1	3-many	1	1	Susc
272695	Honduras		No. 1209	C h P R U Wt y	3	Ind. Inter	3	3-2	C-R	1.25-1.75	2	3	3	3	3-5	1	2	Susc
272696	El Salvador		No. 1210	C h P R U Wt y	4	Ind. Inter	3	2-1	C-R	1.5-2.0	1	3	3	1	many	3	1	Susc
272697	El Salvador		No. 1211	C h P R U Wt Y	3	Ind. Inter	3	2-2	C-R	1.0-1.25	3	4	1	4	2-3	1	3	Susc
272698	El Salvador		No. 1212	C h P R U Wt y	4	Ind. Inter	3	1-2	C-R	0.75-1.0	3	3	2	3	2-3	1	3	Susc
272699	El Salvador		No. 1213	C h P R U Wt Yy	4	Ind. Inter	2	1-2	C-R	1.0-1.5	2	1	5	1	3-5	1	2	Susc
272700	El Salvador		No. 1214	C h P R U Wt Y	4	Ind. Inter	2	1-1	C-R	0.75-1.0	2	3	2	1	2-3	1	1	Susc
272701	Guatemala		No. 1215	C h P R U Wt y	3	Ind. Inter	1	5-1	C-R	1.0-2.5	2	3	3	1	5-many	1	2	Susc
272702	Guatemala		No. 1216	C h P R U Wt Yy	3	Ind. Inter	3	4-2	C-R	1.0-2.0	2-3	3	3	3	3-many	1-3	2	Susc
272703	Guatemala		No. 1217	C h P R U Wt y	5	Ind. Inter	4	4-1	C-R	2.0-2.5	2-1	3	3	1	3-5	1-2	3	Susc
272704	Guatemala		No. 1218	C h P R U Wt Y	3	Ind. Inter	3	3-1	C-R	1.0-1.5	2	3	3	2	3-4	1	2	Susc
272705	Guatemala		No. 1219	C h P R U Wt Y	1	Ind. Inter	1	2-1	C-R	1.25-1.5	1	3	3	2	3-many	3	1-5	Susc
272706	Guatemala		No. 1220	C h P R U Wt Y	3	Ind. Inter	2	1-1	C-R	1.0-2.0	1	4	3	3	3-many	2-5	1	Susc
272707	Guatemala		No. 1221	C h P R U Wt Y	3	Ind. Inter	3	1-2	C-R	1.0-1.5	1	3	2	3	2-many	3-4	1	Susc
272708	Guatemala		No. 1222	C h P R U Wt Y	4	Ind. Inter	3	2-1	C-R	1.0-1.5	2	3	3	2	3-4	1	1	Susc
272709	Guatemala		No. 1223	C h P R U Wt Y	4	Ind. Inter	3	1-2	C-R	1.0-3.0	1	3	2	3	3-many	1-5	2	Susc
272710	Guatemala		No. 1224	C h P R U Wt Y	4	Ind. Inter	3	1-2	C-R	1.0-1.5	2	4	3	4	3-4	1	1	Susc
272711	Guatemala		No. 1225	C h P R U Wt Y	3	Ind. Inter	3	1-1	C-R	1.0-1.25	1	4	3	2	3-many	1	4	Susc
272712	Guatemala		No. 1226	C h P R U Wt Y	2	Ind. Inter	3	2-1	C-R	1.0-1.5	1	4	3	2	4-many	2	4	Susc
272713	Guatemala		No. 1227	C h P R U Wt Y	3	Ind. Inter	3	2-2	C-R	0.75-1.25	2	3	4	3	4-5	1	1	Susc
272714	Guatemala		No. 1228	C h P R U Wt Y	2	Ind. Inter	3	2-1	C-R	1.0-1.5	1	2	3	3	4-5	2	4	Susc
272715	Guatemala		No. 1229	C h P R U Wt Y	3	Ind. Inter	3	3-2	C-R	1.0-1.75	1	4	2	3	3-many	2	4	Susc
272716	Guatemala		No. 1230	C h P R U Wt Y	5	Ind. Inter	3	1-2	C-R	1.25-2.0	3	4	4	4	4	1	1	Susc
272717	Guatemala		No. 1231	C h P R U Wt y	4	Ind. Inter	3	4-2	C-R	1.0-1.5	2	3	4	3	4-5	1	1	Susc
272718	Guatemala		No. 1232	C h P R U Wt Yy	4	Ind. Inter	3	3-3	C-R	1.0-1.75	2	2	3	1	3-4	1	1	Susc
272719	Guatemala		No. 1233	C h P R U Wt y	4	Ind. Inter	3	5-2	C-R	1.5-2.0	2	3	4	2	4-many	1	3	Susc
272720	Guatemala		No. 1234	C h P R U Wt y	4	Ind. Inter	3	4-2	C-R	1.0-1.25	2	3	3	3	4-many	1	1	Susc
272721	Guatemala		No. 1235	C h P R U Wt y	3	Ind. Inter	3	1-1	C-R	1.5-2.0	1	2	3	2	5-many	3	4	Susc
272722	Guatemala		No. 1236	C h P R U Wt Y	3	Ind. Inter	3	3-2	C-R	1.0-1.25	2	1	4	2	3-many	1	2	Susc
272723	Guatemala		No. 1237	C h P R U Wt Y	4	Ind. Inter	4	2-1	C-R	1.25-1.75	1	3	3	4	4-5	1	3	Susc
272724	Guatemala		No. 1238	C h P R U Wt Y	3	Ind. Inter	3	1-2	C-R	1.5-2.0	1	2	4	3	many	4	1	Susc
272725	Guatemala		No. 1239	C h P R U Wt Yy	5	Ind. Inter	5	3-2	C-R	1.0-2.5	3,1	2	3	3	4-many	1,4	2	Susc
272726	Guatemala		No. 1240	C h P R U Wt Y	5	Ind. Inter	3	2-1	C-R	1.0-2.5	2,1	3	3	4	4-many	1,4	1	Susc
272727	El Salvador		No. 1241	C h P R U Wt Y	4	Ind. Inter	3	1-3	C-R	1.0-1.5	3	4	3	3	3	1	1	Susc
272728	El Salvador		No. 1242	C h P R U Wt y	2	Ind. Inter	3	1-2	C-R	1.0x1.5	3,5	3	3	2	4-5	1	1	Susc
272729	El Salvador		No. 1243	C h P R U Wt Yy	3	Ind. Inter	1	1-1	C-R	1.0-1.5	3	4	3	1	2-3	1	1	Susc
272730	El Salvador		No. 1244	C h P R U Wt Y	3	Ind. Inter	2	1-2	C-R	0.75x1.25	5,3	4	3	1	2-3	1	2	Susc
272731	El Salvador		No. 1245	C h P R U Wt Y	3	Ind. Inter	3	1-2	C-R	1.0x1.5	5,3	2	5	2	2-3	1	3	Susc

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and <i>var. cerasiforme</i>																		
272732	El Salvador	Schwanitz, Hamburg, Germany	No. 1246	Ch P R U Wt y	3	Ind. Inter	2	1-2	C-R	0.75-1.25	3	2	1,5	3	2-3	1	2	Susc
272733	El Salvador		No. 1247	Ch P R U Wt y	4	Ind. Inter	3	2-2	C-R	1.5-1.75	3	1	4	2	2-3	1	1	Susc
272734	El Salvador		No. 1248	Ch P R U Wt Y	3	Ind. Inter	3	1-1	C-R	0.75x0.5	3	4	2	4	2	1	4	Susc
272735	El Salvador		No. 1249	Ch P R U Wt y	4	Ind. Inter	3	1-1	C-R	1.0-1.5	3	5	1	3	2-3	1	2	Susc
272736	El Salvador		No. 1250	Ch P R U Wtwt y	3	Ind. Inter	2	1-1	C-R	1.0-2.0	3	4	3	3	2	1	2	Susc
272737	El Salvador		No. 1251	Ch P R U WtwtY	4	Ind. Inter	2	2-2	C-R	1.0x1.5	5,3	4	3	1	2-3	1	3	Susc
272738	El Salvador		No. 1252	Ch P R U Wt y	4	Ind. Inter	1	1-1	C-R	0.75-1.25	2,3	4	3	2	2-4	1	2	Susc
272739	El Salvador		No. 1253	Ch P R U Wt y	4	Ind. Inter	3	2-2	C-R	1.0x1.5	5,3	3	3	3	2-4	1	1	Susc
272740	El Salvador		No. 1254	Ch P R U Wtwt y	2	Ind. Inter	2	2-1	C-R	1.0x1.5	4	3	3	2	2-3	1	2	Susc
272741	El Salvador		No. 1255	Ch P R U Wt y	4	Ind. Inter	2	1-2	C-R	1.0x2.0	5	1	4	5	many	3	1	Susc
272742	El Salvador		No. 1256	Ch P R U Wt Yy	3	Ind. Inter	3	1-2	C-R	1.0x2.0	5,4	3	3	2	2-3	1	1	Susc
272743	El Salvador		No. 1257	Ch P R U Wt Y	4	Ind. Inter	3	1-1	C-R	1.0x1.25	5,3	1	3	3	2-3	1	1	Susc
272744	El Salvador		No. 1258	Ch P R U Wt Y	5	Ind. Inter	3	2-2	C-R	1.5-2.0	3	3	4	1	2-3	1	2	Susc
272745	El Salvador		No. 1259	Ch P R U Wt Y	4	Ind. Inter	3	1-2	C-R	0.75x1.25	5,3	3	1	3	2-3	1	1	Susc
272746	El Salvador		No. 1260	Ch P R U Wt Y	4	Ind. Inter	3	1-2	C-R	0.75x1.25	5,3	3	3	2	2-3	1	1	Susc
272747	El Salvador		No. 1261	Ch P R U WtwtYy	4	Ind. Inter	2	2-2	C-R	1.0x1.75	5,3	3	2	2	2-3	1	1	Susc
272748	El Salvador		No. 1262	Ch P R U Wt Y	4	Ind. Inter	3	1-2	C-R	1.25-2.0	3,3	4	4	3	2-3	1	1	Susc
272749	El Salvador		No. 1263	Ch P R U Wt Y	3	Ind. Inter	2	3-3	C-R	1.25x2.0	4,3	3	3	1	2-3	1	2	Susc
272750	El Salvador		No. 1264	Ch P R U Wt Y	4	Ind. Inter	2	1-2	C-R	1.25-2.0	3	3	3	5	2-3	1	2	Susc
272751	El Salvador		No. 1265	Ch P R U Wt Y	2	Ind. Inter	3	1-2	C-R	1.0x2.0	5,3	4	3	1	2	1	4	Susc
272752	El Salvador		No. 1266	Ch P R U Wt Y	4	Ind. Inter	2	1-2	C-R	1.25-2.0	3	2	4	4	2-3	2	1	Susc
272753	El Salvador		No. 1267	Ch P R U Wt Y	4	Ind. Inter	3	2-2	C-R	1.25x2.0	3,5	5	2	2	2-3	1	4	Susc
272754	El Salvador		No. 1268	Ch P R U Wt Y	5	Ind. Inter	2	1-1	C-R	1.0x2.0	3,5	3	3	2	2-3	1	1	Susc
272755	El Salvador		No. 1269	Ch P R U Wt Y	5	Ind. Inter	3	1-2	C-R	0.75x1.75	3,5	2	4	2	2-3	1	2	Susc
272756	El Salvador		No. 1270	Ch P R U Wt Y	3	Ind. Inter	2	1-2	C-R	0.75x2.0	4	3	3	3	2-3	2	3	Susc
272757	El Salvador		No. 1271	Ch P R U Wt Y	4	Ind. Inter	1	1-2	C-R	1.0x2.0	3,5	4	4	4	2-3	1	3	Susc
272758	El Salvador		No. 1272	Ch P R U Wt Y	1	Ind. Inter	3	1-1	C-R	1.0-2.0	3	5	1	2	2-3	1	4	Susc
272759	El Salvador		No. 1273	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.75-1.25	3	4	1	5	2-3	1	4	Susc
272760	El Salvador		No. 1274	Ch P R U Wt Yy	3	Ind. Inter	3	2-2	C-R	1.0-2.0	3	1	2	3	2-3	2	3	Susc
272761	El Salvador		No. 1275	Ch P R U Wt y	1	Ind. Inter	2	1-2	C-R	1.0-1.5	3	3	1	1	2-3	1	5	Susc
272762	El Salvador		No. 1276	Ch P R U Wt Y	3	Ind. Inter	3	1-2	C-R	1.25-2.0	3	4	3	1	2-3	1	4	Susc
272763	El Salvador		No. 1277	Ch P R U Wt Yy	5	Ind. Inter	3	2-2	C-R	1.25x2.0	5	4	2	1-5	2-3	1	2	Susc
272764	El Salvador		No. 1278	Ch P R U Wtwt Y	3	Ind. Inter	3	1-2	C-R	1.0-2.0	3	3	1	2	2-3	1	2	Susc
272765	El Salvador		No. 1279	Ch P R U Wt Y	4	Ind. Inter	3	1-2	C-R	1.25x2.0	5	3	3	2	2-3	1	1	Susc
272766	El Salvador		No. 1280	Ch P R U Wt Y	3	Ind. Inter	1	1-2	C-R	1.25-2.25	3	3	1	1	2-3	1	3	Susc
272767	El Salvador		No. 1281	Ch P R U Wt Y	2	Ind. Inter	1	1-2	C-R	1.25-2.0	3	3	4	1	2-3	1	2	Susc
272768	El Salvador		No. 1282	Ch P R U Wtwt y	5	Ind. Inter	3	2-1	C-R	1.25-2.0	3	3	5	1-5	2-3	2	1	Susc
272769	El Salvador		No. 1283	Ch P R U Wt Y	3	Ind. Inter	3	1-2	C-R	1.25x2.0	3,5	3	4	1	2-3	1	2	Susc
272770	El Salvador		No. 1284	Ch P R U Wt Y	4	Ind. Inter	3	1-1	C-R	1.0-1.5	3	3	5	2	2-3	1	1	Susc
272771	El Salvador		No. 1285	Ch P R U Wt y	3	Ind. Inter	3	2-2	C-R	1.25x2.0	3,5	1	3	1	2	1	2	Susc
272772	El Salvador		No. 1286	Ch P R U Wt Yy	5	Ind. Inter	4	2-1	C-R	1.0-2.0	2,3	3	3	4	2-3	1	3	Susc
272773	El Salvador		No. 1287	Ch P R U Wt y	3	Ind. Inter	1	1-1	C-R	2.5x1.25	3,5	3	3	1	2-many	1	4	Susc
272774	El Salvador		No. 1288	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.0-1.75	3	4	1	3	2-3	1	3	Susc
272775	El Salvador		No. 1289	Ch P R U Wt Y	5	Ind. Inter	2	1-1	C-R	1.0x2.0	5	2	4	2	2	1	1	Susc
272776	El Salvador		No. 1290	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.0x2.0	3,5	3	1	2	2-3	1	1	Susc
272777	El Salvador		No. 1291	Ch P R U Wt Y	3	Ind. Inter	1	1-2	C-R	1.25-2.0	3	3	3	2	2-3	1	2	Susc
272778	El Salvador		No. 1292	Ch P R U Wtwt Y	3	Ind. Inter	1	1-1	C-R	1.0-2.0	3	3	1	1	2-3	1	4	Susc

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking Amt.	Type	Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
272779	El Salvador	Schwanitz, Hamburg, Germany	No. 1293	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.0-2.0	3	3	3	3	2	1	3	Susc
272780	El Salvador		No. 1294	Ch P R U Wt Y	1	Ind. Inter	3	1-2	C-R	1.0-2.0	3	3	1	1	2-3	1	4	Susc
272781	El Salvador		No. 1295	Ch P R U Wt Yy	3	Ind. Inter	3	1-1	C-R	1.0-2.5	1	2	4	1	many	2	5	Susc
272782	El Salvador		No. 1296	Ch P R U Wt Y	3	Ind. Inter	2	1-1	C-R	1.0-2.0	3	4	2	1	2-3	1	2	Susc
272783	El Salvador		No. 1297	Ch P R U Wt Y	2	Ind. Inter	2	1-2	C-R	1.0-2.0	3	4	3	3	2	1	4	Susc
272784	El Salvador		No. 1298	Ch P R U Wt Y	5	Ind. Inter	3	2-2	C-R	1.5x2.0	5	3	3	2	3-many	3	4	Susc
272785	El Salvador		No. 1299	Ch P R U Wt Yy	5	Ind. Inter	3	2-2	C-R	1.5x2.5	5	3	4	1	2-3	1	2	Susc
272786	El Salvador		No. 1300	Ch P R U Wt y	3	Ind. Inter	1	2-1	C-R	1.5x1.13	3,5	1	5	3	2-4	1	4	Susc
272787	Guatemala		No. 1301	Ch P R U Wt Y	4	Ind. Inter	3	1-3	C-R	1.0-1.75	3	3	1	1	2-3	1	3	Susc
272788	Guatemala		No. 1302	Ch P R U Wt Yy	4	Ind. Inter	3	1-1	C-R	1.0x2.25	5	4	4	3	2-3	1	2	Susc
272789	Guatemala		No. 1303	Ch P R U Wt Y	4	Ind. Inter	3	3-2	C-R	1.5x2.5	3,4	3	4	1	2-3	2	2	Susc
272790	Guatemala		No. 1304	Ch P R U Wt Y	4	Ind. Inter	3	3-2	C-R	1.25x2.0	3,4	4	4	5	2-3	2	1	Susc
272791	Guatemala		No. 1305	Ch P R U Wt Y	4	Ind. Inter	3	1-2	C-R	1.25-2.0	3	3	3	3	2-4	2	1	Susc
272792	El Salvador		No. 1306	Ch P R U Wt Y	3	Ind. Inter	3	1-1	C-R	1.0-2.0	3	2	3	5	2	1	3	Susc
272793	El Salvador		No. 1307	Ch P R U Wt y	3	Ind. Inter	3	1-2	C-R	1.0x2.0	4	3	4	2	2-3	2	3	Susc
272794	El Salvador		No. 1308	Ch P R U Wt y	5	Ind. Inter	1	1-1	C-R	0.5-1.0	3	1	5	1	2-4	1	1	Susc
272795	El Salvador		No. 1309	Ch P R U Wt y	5	Ind. Inter	3	1-2	C-R	1.0-1.75	3	3	4	3	2-4	1	1	Susc
272796	El Salvador		No. 1310	Ch P R U Wt Y	3	Ind. Inter	3	1-2	C-R	1.0x2.0	3,5	3	3	1	2-3	2	2	Susc
272797	El Salvador		No. 1311	Ch P R U Wt Yy	4	Ind. Inter	3	2-2	C-R	1.0-1.75	3	1	3	3	2	1	1	Susc
272798	El Salvador		No. 1312	Ch P R U Wt Y	4	Ind. Inter	3	1-2	C-R	1.0x2.0	3,5	3	3	1	2-3	1	1	Susc
272799	El Salvador		No. 1313	Ch P R U Wt Yy	3	Ind. Inter	2	1-1	C-R	1.0-2.0	3	3	3	1	2-3	2	1	Susc
272800	El Salvador		No. 1314	Ch P R U Wt Yy	3	Ind. Inter	2	1-2	C-R	1.0-1.75	3	3	3	1	2-3	2	1	Susc
272801	El Salvador		No. 1315	Ch P R U Wt Y	5	Ind. Inter	3	1-1	C-R	1.0-2.0	3	4	4	1	2-3	1	1	Susc
272802	El Salvador		No. 1316	Ch P R U Wt Y	3	Ind. Inter	2	1-1	C-R	1.0x1.75	5	3	4	1	2	1	4	Susc
272803	El Salvador		No. 1317	Ch P R U Wt Y	3	Ind. Inter	3	1-1	C-R	1.0-1.75	3	3	2	2	2-3	1	4	Susc
272804	El Salvador		No. 1318	Ch P R U Wt Y	3	Ind. Inter	3	1-2	C-R	1.0-1.75	3	3	3	4	2	1	3	Susc
272805	El Salvador		No. 1319	Ch P R U Wt Yy	4	Ind. Inter	1	2-2	C-R	1.0x1.75	5	1	3	3	2-3	1	1	Susc
272806	El Salvador		No. 1320	Ch P R U Wt Y	3	Ind. Inter	3	1-2	C-R	1.0x2.0	3,5	2	4	2	2-3	1	2	Susc
272807	El Salvador		No. 1321	Ch P R U Wt Y	4	Ind. Inter	2	1-1	C-R	1.25-2.0	3	2	3	3	2-3	1	4	Susc
272808	El Salvador		No. 1322	Ch P R U Wt Yy	5	Ind. Inter	3	1-1	C-R	1.0-1.75	3	2	3	2	2-3	1	1	Susc
272809	El Salvador		No. 1323	Ch P R U Wt y	5	Ind. Inter	1	1-1	C-R	1.0-2.0	3	3	4	3	2	1	3	Susc
272810	El Salvador		No. 1324	Ch P R U Wt Y	5	Ind. Inter	1	1-1	C-R	1.13-1.75	3	3	1	3	2	1	1	Susc
272811	El Salvador		No. 1325	Ch P R U Wt y	5	Ind. Inter	1	1-1	C-R	1.25x2.0	3,5	3	4	2	2	1	1	Susc
272812	Honduras		No. 1326	Ch P R U Wt Y	5	Ind. Inter	1	1-1	C-R	1.13x2.25	3,5	4	4	3	2	1	3	Susc
272813	El Salvador		No. 1327	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.5x2.25	3,5	4	4	2	2	1	4	Susc
272814	El Salvador		No. 1328	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.13x2.5	3,5	4	4	3	2	1	1	Susc
272815	El Salvador		No. 1329	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.37x2.5	3,5	4	3	3	2	1	3	Susc
272816	El Salvador		No. 1330	Ch P R U Wt Y	1	Ind. Inter	1	1-1	C-R	1.0x2.5	3,5	3	4	1	2	1	3	Susc
272817	El Salvador		No. 1331	Ch P R U Wt Y	3	Ind. Inter	1	1-3	C-R	1.5	2	4	3	1	3,4	4	3	Susc
272818	El Salvador		No. 1332	Ch P R U Wt Y	5	Ind. Inter	1	1-1	C-R	1.25x2.0	3,5	1	4	1	2	1	1	Susc
272819	El Salvador		No. 1333	Ch P R U Wt y	5	Ind. Inter	1	1-2	C-R	1.25-1.75	3	3	4	2	2	1	1	Susc
272820	El Salvador		No. 1334	Ch P R U Wt y	3	Ind. Inter	1	1-1	C-R	1.37-1.75	3	1	3	1	2	1	4	Susc
272821	El Salvador		No. 1335	Ch P R U Wt Y	5	Ind. Inter	1	1-2	C-R	1.5-2.0	2,3	3	3	1	2-4	2	1	Susc
272822	El Salvador		No. 1336	Ch P R U Wt Y	5	Ind. Inter	1	1-1	C-R	1.25	3	3	5	2	2-4	2	1	Susc
272823	El Salvador		No. 1337	Ch P R U Wt Y	5	Ind. Inter	1	1-1	C-R	1.25	3	3	5	1	2	1	1	Susc
272824	El Salvador		No. 1338	Ch P R U Wt y	5	Ind. Inter	1	1-1	C-R	1.0x1.25	3,5	2	5	1	2	1	1	Susc
272825	El Salvador		No. 1339	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.25	3	4	3	1	2,3	1	4	Susc

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
272826	El Salvador	Schwanitz, Hamburg, Germany	No. 1340	Ch P R U Wt Y	3	Ind. Inter	1	1-2	C-R	0.5-1.5x1.5	3,5	3	3	1	2	1	4	Susc
272827	El Salvador		No. 1341	Ch P R U Wt y	3	Ind. Inter	1	1-1	C-R	1.5-2.0	2	3	5	3	2-many	1	3	Susc
272828	El Salvador		No. 1342	Ch P R U Wt Y	5	Ind. Inter	1	1-2	C-R	0.5-2.0	3	4	3	1	2-3	2	3	Susc
272829	El Salvador		No. 1343	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.75-1x2.5	3,5	1	4	1	2	1	4	Susc
272830	El Salvador		No. 1344	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.5-1.25 x2.25	3,5	1	4	1	2-3	1	3	Susc
272831	El Salvador		No. 1345	Ch P R U Wt Y	5	Ind. Inter	1	2-1	C-R	1.0x2.25	3,5	3	4	1	2-3	1	3	Susc
272832	El Salvador		No. 1346	Ch P R U Wt Y	5	Ind. Inter	1	2-2	C-R	1.25x1.75	3,5	1	5	2	2-3	1	3	Susc
272833	El Salvador		No. 1347	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.25-2.0	3	4	2	1	2-3	2	1	Susc
272834	El Salvador		No. 1348	Ch P R U Wt y	5	Ind. Inter	1	1-1	C-R	1-1.25 x2.25	3,5	4	3	1	2-3	1	1	Susc
272835	El Salvador		No. 1349	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.5-1.5 x1.13	3,5	4	3	1	2-3	1	4	Susc
272836	El Salvador		No. 1350	Ch P R U Wt y	3	Ind. Inter	1	1-1	C-R	1-1.5x1.25	3,5	1	3	1	2	1	1	Susc
272837	El Salvador		No. 1351	Ch P R U Wt y	1	Ind. Inter	1	2-1	C-R	0.75-1.5	3	2	3	1	2	1	3	Susc
272838	El Salvador		No. 1352	Ch P R U Wt Y	4	Ind. Inter	1	1-1	C-R	1.5x2.25	3,5	1	4	1	2	1	4	Susc
272839	El Salvador		No. 1353	Ch p R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.5x1.25	3,5	1	3	1	2	1	4	Susc
272840	El Salvador		No. 1354	Ch P R U Wt Y	4	Ind. Inter	1	1-1	C-R	1-2x1.25	3,5	3	5	1	2	2	1	Susc
272841	El Salvador		No. 1355	Ch P R U Wt Yy	3	Ind. Inter	1	1-1	C-R	1-1.25x2.5	3,5	3	3	1	2	2	1	Susc
272842	El Salvador		No. 1356	Ch P R U Wt y	4	Ind. Inter	1	1-1	C-R	0.75x1.25x2	3,5	1	5	3	2	1	3	Susc
272843	El Salvador		No. 1357	Ch P R U Wt Y	4	Ind. Inter	1	1-1	C-R	1-1.25x2	3,5	3	4	1	2	2	1	Susc
272844	El Salvador		No. 1358	Ch P R U Wt Y	5	Ind. Inter	1	1-1	C-R	0.5-1.25x2	3,5	3	3	1	2-3	1	2	Susc
272845	El Salvador		No. 1359	Ch P R U Wt Y	4	Ind. Inter	1	1-1	C-R	0.5-1x2.5	3,5	3	4	1	2	1	1	Susc
272846	El Salvador		No. 1360	Ch P R U Wt y	5	Ind. Inter	1	1-1	C-R	1.0-1.75	3	3	3	1	2-3	1	1	Susc
272847	El Salvador		No. 1361	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.5-1.5x2	3,5	3	3	1	2-3	1	3	Susc
272848	El Salvador		No. 1362	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.5-1.5 x2.5	3,5	1	5	1	2	1	1	Susc
272849	El Salvador		No. 1363	Ch P R U Wt Y	4	Ind. Inter	1	1-1	C-R	0.5-1x2.25	3,5	3	3	3	2	1	1	Susc
272850	El Salvador		No. 1364	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1-1.25x2.25	3,5	3	5	1	2	1	1	Susc
272851	El Salvador		No. 1365	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.5-2.0	3	1	5	4	2	1	1	Susc
272852	El Salvador		No. 1366	Ch P R U Wt y	3	Ind. Inter	1	1-2	C-R	1-1.25x1.5	5	1	5	1	2	1	1	Susc
272853	El Salvador		No. 1367	Ch P R U Wt Y	3	Ind. Inter	3	1-1	C-R	0.75-1.5	2	3	3	1	2	1	4	Susc
272854	El Salvador		No. 1368	Ch P R U Wt Y	3	Ind. Inter	3	2-1	C-R	1-1.5	2	3	3	3	2	1	3	Susc
272855	El Salvador		No. 1369	Ch P R U Wt Y	2	Ind. Inter	3	1-1	C-R	0.75x1.5	3	3	3	4	2	1	4	Susc
272856	Honduras		No. 1370	Ch P R U Wt Y	3	Ind. Inter	2	1-1	C-R	0.75x1.5	3	3	5	3	2	1	3	Susc
272857	Honduras		No. 1371	Ch P R U Wt Y	2	Ind. Inter	3	1-1	C-R	0.75x1.5	3	3	5	3	2	1	3	Susc
272858	Honduras		No. 1372	Ch P R U Wt Y	5	Ind. Inter	3	2-1	C-R	0.75x1.5	3	3	3	3	2	1	3	Susc
272859	El Salvador		No. 1373	Ch P R U Wt y	2	Ind. Inter	1	1-1	C-R	0.75x1	3	3	3	3	2	1	4	Susc
272860	El Salvador		No. 1374	Ch P R U Wt Y	2	Ind. Inter	2	1-1	C-R	0.75x1	3	3	5	3	2	1	3	Susc
272861	El Salvador		No. 1375	Ch P R U Wt y	3	Ind. Inter	3	2-1	C-R	1.25x2.5	4	3	3	3	2	1	5	Susc
272862	El Salvador		No. 1376	Ch P R U Wt Y	2	Ind. Inter	3	1-1	C-R	1x1.5	3	4	3	3	2	1	4	Susc
272863	El Salvador		No. 1377	Ch P R U Wt Y	3	Ind. Inter	2	1-1	C-R	1x1.25	3	3	4	2	2	1	3	Susc
272864	El Salvador		No. 1378	Ch P R U Wt Y	3	Ind. Inter	2	1-1	C-R	0.75x1.25	3	3	3	1	2	1	3	Susc
272865	El Salvador		No. 1379	Ch P R U Wt y	3	Ind. Inter	2	3-1	C-R	0.75x1.25	3	3	5	3	2	1	2	Susc
272866	El Salvador		No. 1380	Ch P R U Wt Y	4	Ind. Inter	3	1-1	C-R	0.75x1.25	3	3	4	3	2	1	3	Susc
272867	El Salvador		No. 1381	Ch P R U Wt Y	5	Ind. Inter	3	4-1	C-R	1x1.5	3	3	3	4	2	1	3	Susc
272868	El Salvador		No. 1382	Ch P R U Wt Y	4	Ind. Inter	3	1-1	C-R	0.75x1.5	3	4	4	4	2	1	4	Susc
272869	El Salvador		No. 1383	Ch P R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.75x1.25	3	5	4	4	2	1	3	Susc

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters					Fruit Characters							Disease Reaction		
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- turi- ty	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosak	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and <i>var. cerasiforme</i>																		
272870	El Salvador	Schwanitz, Hamburg, Germany	No. 1384	C h P R U Wt Y	2	Ind. Inter	2	2-1	C-R	1-1.25	3	4	2	3	2	1	4	Susc
272871	El Salvador		No. 1385	C h P R U Wt y	2	Ind. Inter	3	2-1	C-R	1-1.25	3	3	2	3	2-3	1	5	Susc
272872	El Salvador		No. 1386	C h P R U Wt Yy	2	Ind. Inter	3	3-2	C-R	1-1.5	3	3	5	1	2-Many	1	3	Susc
272873	El Salvador		No. 1387	C h P R U Wt y	2	Ind. Inter	1	1-1	C-R	0.75x1	3	4	3	3	2	1	5	Susc
272874	El Salvador		No. 1388	C h P R U Wt y	4	Ind. Inter	1	1-1	C-R	0.75x1.25	3	4	3	4	2	1	3	Susc
272875	El Salvador		No. 1389	C h P R U Wt Y	4	Ind. Inter	2	2-1	C-R	0.75x1.25	3	4	3	3	2	1	2	Susc
272876	El Salvador		No. 1390	C h P R U Wt Y	4	Ind. Inter	2	1-1	C-R	1x1.25	3	3	5	4	2	1	2	Susc
272877	El Salvador		No. 1391	C h P R U Wt Y	5	Ind. Inter	3	2-2	C-R	1.25x2	1	3	3	3	Many	5	2	Susc
272878	Guatemala		No. 1392	C h P R U Wt y	4	Ind. Inter	2	3-1	C-R	1.25x2.5	1,3	3	4	2	2-Many	1,4	2	Susc
272879	Guatemala		No. 1393	C h P R U Wt y	4	Ind. Inter	3	3-2	C-R	1.5x2	1,3	4	5	3	2-Many	2	3	Susc
272880	Guatemala		No. 1394	C h P R U Wt y	3	Ind. Inter	3	1-1	C-R	1-1.5	1	1	5	2	3-Many	1	4	Susc
272881	Guatemala		No. 1395	C h P R U Wt Y	3	Ind. Inter	2	2-1	C-R	1-1.5	1,2	3	4	3	2-Many	1	4	Susc
272882	Guatemala		No. 1396	C h P R U Wt Y	2	Ind. Inter	3	1-1	C-R	1-2	1	1	5	1	Many	1	4	Susc
272883	Guatemala		No. 1397	C h P R U Wt Y	3	Ind. Inter	3	1-1	C-R	1	3	1	5	3	2	1	3	Susc
272884	Guatemala		No. 1398	C h P R U Wt Y	4	Ind. Inter	2	2-1	C-R	1-1.5	1	3	5	3	4-Many	4	2	Susc
272885	Guatemala		No. 1399	C h P R U Wt y	4	Ind. Inter	3	1-1	C-R	1x1.5	3,4	3	4	1	2-3	1	1	Susc
272886	Guatemala		No. 1400	C h P R U Wt Yy	4	Ind. Inter	4	1-1	C-R	1x1.5	3	1	4	3	2	1	2	Susc
272887	El Salvador		No. 1401	C h P R U Wt Y	4	Ind. Inter	2	2-1	C-R	1-1.5	2	3	3	4	2-4	4	3	Susc
272888	El Salvador		No. 1402	C h P R U Wt Y	4	Ind. Inter	3	2-2	C-R	1-2	1	4	3	4	3-Many	5	3	Susc
272889	El Salvador		No. 1403	C h P R U Wt y	4	Ind. Inter	2	1-2	C-R	1-2	1	4	5	4	Many	4	2	Susc
272890	Guatemala		No. 1404	C h P R U Wt Y	3	Ind. Inter	2	1-1	C-R	1-2.5	1	3	4	3	Many	5	4	Susc
272891	Guatemala		No. 1405	C h P R U Wt Y	3	Ind. Inter	2	2-1	C-R	1-1.5	1	4	4	1	3-Many	5	4	Susc
272892	Guatemala		No. 1406	C h P R U Wt Y	4	Ind. Inter	2	1-1	C-R	1-1.5	1	3	5	1	Many	2	3	Susc
272893	El Salvador		No. 1407	C h P R U Wt Y	3	Ind. Inter	3	1-2	C-R	1-1.25	2	3	5	1	3-Many	3	3	Susc
272894	El Salvador		No. 1408	C h P R U Wt Y	3	Ind. Inter	1	1-2	C-R	1-1.5	1	4	3	1	3-Many	4	3	Susc
272895	El Salvador		No. 1409	C h P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.5-2.5	1	3	3	3	4-Many	5	1	Susc
272896	Guatemala		No. 1410	C h P R U Wt Y	4	Ind. Inter	2	1-1	C-R	1.5-2	1	3	5	3	Many	4	1	Susc
272897	El Salvador		No. 1411	C h P R U Wt Y	4	Ind. Inter	3	1-1	C-R	1.5-2	1	1	4	2	Many	4	1	Susc
272898	Guatemala		No. 1412	C h P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.5-2	1	4	3	1	Many	5	3	Susc
272899	Guatemala		No. 1413	C h P R U Wt Y	3	Ind. Inter	2	1-2	C-R	1-1.5	1	3	4	2	Many	5	4	Susc
272900	El Salvador		No. 1414	C h P R U Wt y	3	Ind. Inter	1	3-1	C-R	1x1.5	3	4	2	3	2-3	2	5	Susc
272901	El Salvador		No. 1415	C h P R U Wt y	2	Ind. Inter	3	1-1	C-R	1x1.25	3	3	2	4	2	1	2	Susc
272902	El Salvador		No. 1416	C h P R U Wt Y	3	Ind. Inter	3	1-1	C-R	0.75x1.5	3	1	5	3	2			Susc
272903	El Salvador		No. 1417	C h P R U Wt Y	2	Ind. Inter	3	2-1	C-R	0.75x1	3	1	5	1	2		3	Susc
272904	El Salvador		No. 1418	C h P R U Wt Y	3	Ind. Inter	3	2-2	C-R	1.0-1.5	2	3	3	3	3-4	1		Susc
272905	El Salvador		No. 1419	C h P R U Wt y	3	Ind. Inter	3	3-2	C-R	1.5x2.0	5	4	3	1	3-Many	1		Susc
272906	El Salvador		No. 1420	C h P R U Wt y	3	Ind. Inter	3	1-1	C-R	1x2	3	3	3	3	2	1		Susc
272907	El Salvador		No. 1421	C h P R U Wt y	4	Ind. Inter	2	3-2	C-R	1-1½	2	3	3	3	3-5	1		Susc
272908	El Salvador		No. 1422	C h P R U Wt Y	4	Ind. Inter	4	1-1	C-R	¾x1	3	3	3	3	2-3	1		Susc
272909	El Salvador		No. 1423	C h P R U Wt y	1	Ind. Inter	1	1-1	C-R	1x1.5	3	1	3	1	2	1		Susc
272910	El Salvador		No. 1424	C h P R U Wt Y	3	Ind. Inter	3	1-1	C-R	0.75x1.25	3	1	3	1	2	1		Susc
272911	El Salvador		No. 1425	C h P R U Wt Y	1	Ind. Inter	3	1-1	C-R	0.75x1.25	3	1	3	1	2	1		Susc
272912	El Salvador		No. 1426	C h P R U Wt Y	3	Ind. Inter	3	2-1	C-R	0.75x1.0	3	3	3	3	2-3	1		Susc
272913	El Salvador		No. 1427	C h P R U Wt y	3	Ind. Inter	3	2-1	C-R	0.75x1.25	3	4	3	1	2-3	1		Susc
272914	El Salvador		No. 1428	C h P R U Wt Y	3	Ind. Inter	3	2-1	C-R	1.0x1.5	3	3	2	3	2-3	1		Susc
272915	El Salvador		No. 1429	C h P R U Wt Y	4	Ind. Inter	3	2-2	C-R	0.75x1.5	2,3	3	3	3	2-4	2		Susc
272916	El Salvador		No. 1430	C h P R U Wt Y	3	Ind. Inter	2	2-1	C-R	0.75x2.0	4	5	3	4	2-3	1		Susc

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
272917	El Salvador	Schwanitz, Hamburg, Germany	No. 1431	Ch P R U Wt Y	3	Ind. Inter	2	2-1	C-R	0.75x1.5	3	4	3	1	2-3	1	Susc	
272918	El Salvador		No. 1432	Ch P R U Wt Y	1	Ind. Inter	2	2-2	C-R	0.75x1.5	3	4	3	3	2-3	1	Susc	
272919	El Salvador		No. 1433	Ch P R U Wt y	1	Ind. Inter	1	1-1	C-R	0.75x1.5	3,4	5	1	1	2	1	Susc	
272920	El Salvador		No. 1434	Ch P R U Wt Y	3	Ind. Inter	3	1-1	C-R	1.25x1.5	4	1	3	3	2-3	3	Susc	
272921	El Salvador		No. 1435	Ch P R U Wt Y	4	Ind. Inter	3	1-1	C-R	0.75x1.5	3,4	3	3	4	2	1	Susc	
272922	El Salvador		No. 1436	Ch P R U Wt Y	3	Ind. Inter	2	1-1	C-R	0.75x1.75	3,4	3	3	3	2	1	Susc	
272923	El Salvador		No. 1437	Ch P R U Wt Y	3	Ind. Inter	3	2-1	C-R	1.0x1.5	3	4	3	3	2	1	Susc	
272924	El Salvador		No. 1438	Ch P R U Wt y	3	Ind. Inter	2	1-1	C-R	0.75x1.25	3	3	3	3	2	1	Susc	
272925	El Salvador		No. 1439	Ch P R U Wt Y	2	Ind. Inter	3	1-1	C-R	0.75x1.5	3	3	3	1	2	1	Susc	
272926	El Salvador		No. 1440	Ch P R U Wt Y	3	Ind. Inter	3	2-1	C-R	0.75x1.5	3	4	3	3	2-3	1	Susc	
272927	Honduras		No. 1441	Ch P R U Wt y	2	Ind. Inter	2	2-1	C-R	0.75x1.0	3	3	3	1	2	1	Susc	
272928	Honduras		No. 1442	Ch P R U Wt y	3	Ind. Inter	3	1-1	C-R	0.75x2.0	3,4	3	3	3	2	1	Susc	
272929	Honduras		No. 1443	Ch P R U Wt Y	1	Ind. Inter	3	1-1	C-R	0.75x1.0	3	1	3	1	2-3	1	Susc	
272930	El Salvador		No. 1444	Ch P R U Wt Y	1	Ind. Inter	3	2-2	C-R	0.75x2	3,4	3	3	1	2-3	1	Susc	
272931	El Salvador		No. 1445	Ch P R U Wt Y	3	Ind. Inter	3	2-2	C-R	1.0-1.5	2	3	3	4	4-Many	1	Susc	
272932	El Salvador		No. 1446	Ch P R U Wt Yy	3	Ind. Inter	3	2-2	C-R	1.0x2.0	4,5	3	3	3	2-Many	2	Susc	
272933	El Salvador		No. 1447	Ch P R U Wt Yy	4	Ind. Inter	3	3-2	C-R	1.0x2.0	5	3	3	2	2-Many	2	Susc	
272934	El Salvador		No. 1448	Ch P R U Wt Yy	1	Ind. Inter	2	1-1	C-R	1.0-2.0	5	1	3	3	3-Many	4	Susc	
272935	El Salvador		No. 1449	Ch P R U Wt Y	4	Ind. Inter	3	1-1	C-R	0.75x1.5	3	3	3	3	2	1	Susc	
272936	El Salvador		No. 1450	Ch P R U Wt Y	1	Ind. Inter	3	1-1	C-R	0.75x1.0	3	1	3	1	2	1	Susc	
272937	Guatemala		No. 1451	Ch P R U Wt Y	2	Ind. Inter	3	1-1	C-R	0.75x1.5	3	3	3	4	2	1	Susc	
272938	Guatemala		No. 1452	Ch P t U Wt Y	3	Ind. Inter	3	5-3	C-R	1.5-2	2	3	3	3	Many	1	Susc	
272939	Guatemala		No. 1453	Ch P R U Wt Y	3	Ind. Inter	3	2-1	C-R	1.0x1.75	3	3	3	5	2	1	Susc	
272940	Guatemala		No. 1454	Ch P R U Wt y	4	Ind. Inter	4	2-2	C-R	1.0x1.5	3	4	3	4	2-3	1	Susc	
272941	Guatemala		No. 1455	Ch P t U Wt Y	3	Ind. Inter	3	4-3	C-R	2-2.5	2	4	3	3	Many	1	Susc	
272942	Guatemala		No. 1456	Ch P R U Wt y	3	Ind. Inter	3	1-1	C-R	0.75x1.5	3,4	3	3	3	2	1	Susc	
272943	El Salvador		No. 1457	Ch P R U Wt Y	2	Ind. Inter	2	1-1	C-R	1-2	2,3,1	4	1	4	2-Many	1-5	Susc	
272944	El Salvador		No. 1458	R Y						2.5x1.25	5	4						
272945	El Salvador		No. 1459	r y						2.25x1.25	5	4						
272946	El Salvador		No. 1460	R Y						2.0x1.13	5	4						
272947	Honduras		No. 1461	R Y						3.0x1.25	5	5						
272948	Honduras		No. 1462	R Y						3.0x1.25	5	4						
272949	El Salvador		No. 1463	R Y						3.5x1.25	5	3						
272950	El Salvador		No. 1464	R Y						3.25x1.13	5	3						
272951	El Salvador		No. 1465	R Y						3.0x1.25	5	3						
272952	El Salvador		No. 1466							2.0-3.0x1.25	5	3						
272953	El Salvador		No. 1467							1.0,2.5x1.13	3,5	3						
272954	El Salvador		No. 1468	R Y						3.0x1.25	5	2						
272955	El Salvador		No. 1469	R Yy						1.0,3.0x1.75	2,5	2						
272956	Guatemala		No. 1470	R y						2.25x1.13	5	1						
272957	Guatemala		No. 1471	R y						2.75x1.25	5	3						
272958	Guatemala		No. 1472	R y						2.5x1.25	5	3						
272959	Guatemala		No. 1473	R y						2.75x1.25	5	3						
272960	Guatemala		No. 1474	R y						2.5x1.13	5	1	4					
272961	Guatemala		No. 1475	R y						2.5x1.40	5	2	4					
272962	Guatemala		No. 1476	R y						2.25x1.13	5	1	4					

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters							Disease Reaction			
				Vine Size	Growth and Habit	Leaflet Size	Cracking		Size Inches	Shape	Set	Maturity	Intensity of Flesh Color	Number of Locules	Fasciation	Alter-naria	Mosaic
							Amt.	Type									
b. Type species, including <i>f. pyriforme</i> and <i>var. cerasiforme</i>																	
272963	Honduras	Schwanitz, Hamburg, Germany	No. 1477	R	Yy				2.25x1.40	5	3	4					
272964	El Salvador		No. 1478	R	y				4.0x1.0	5	4	5					
272965	El Salvador		No. 1479	R	y				2.5x1.5	5	2	3					
272966	El Salvador		No. 1480	R	Y				3.0x0.75	5	2	4					
272967	El Salvador		No. 1481	R	y				3.0x1.40	5	3	4					
272968	El Salvador		No. 1482	R	Yy				2.0x1.40	5	4	4					
272969	El Salvador		No. 1483	R	y				2.25x1.25	5	3	4					
272970	El Salvador		No. 1484	R	Y				2.25x1.25	5	4	4					
272971	El Salvador		No. 1485	R	y				2.5x1.25	5	3	4					
272972	El Salvador		No. 1486	R	Yy				2.0x1.13	5	3	4					
272973	El Salvador		No. 1487	R	Y				2.0x1.25	5	4	3					
272974	El Salvador		No. 1488	R	y				1.75	2	4	3					
272975	El Salvador		No. 1489	R	Y				3.0x1.0	5	4	4					
272976	El Salvador		No. 1490	R	Y				2.0x1.25	5	3	3					
272977	El Salvador		No. 1491	R	Y				2.25x1.25	5	4	3					
272978	El Salvador		No. 1492	R	Y				2.25x1.25	5	4	3					
272979	El Salvador		No. 1493	R	Y				2.25-1.75	3	4	3					
272980	El Salvador		No. 1494	R	Y				2.25x1.13	5	4	3					
272981	El Salvador		No. 1495	R	y				2.25x1.40	5	3	3					
272982	Honduras		No. 1496	R	Y				2.25x1.40	5	3	3					
272983	El Salvador		No. 1497	R	Yy				2.5x1.5	5	3	3					
272984	Guatemala		No. 1498	R	y				3.0x1.25	5	3	3					
272985	Guatemala		No. 1499	R	y				2.75x1.25	5	2	3					
272986	Guatemala		No. 1500	R	Y				2.25x1.25	5	3	3					
272987	Guatemala		No. 1501	R	y				2.25x1.40	5	4	3					
272988	Guatemala		No. 1502	R	y				3.0x1.25	5	2	4					
272989	Guatemala		No. 1503	R	Y				1.75	1	4	3					
272990	Guatemala		No. 1504	C h P	R	Yy			1.75, 2.88x1.5	3,5	1	3					
272991	El Salvador		No. 1505	R	Y				2.5x1.40	5	3	3					
272992	El Salvador		No. 1506	R	y				3.5x1.75	5	4	4					
272993	El Salvador		No. 1507	R	y				3.0x1.40	5	2	4					
272994	El Salvador		No. 1508	R	y				3.0x1.40	5	2	4					
272995	El Salvador		No. 1509	R	y				3.0x1.75	5	3	4					
272996	El Salvador		No. 1510	R	Y				2.25x1.40	5	4	3					
272997	El Salvador		No. 1511	R	y				3.0x1.25	5	2	4					
272998	El Salvador		No. 1512	R	y				3.0x1.25	5	2	4					
272999	El Salvador		No. 1513	R	y				3.25x1.5	5	2	4					
273000	El Salvador		No. 1514	R	y				3.25x1.40	5	2	4					
273001	El Salvador		No. 1515	R	y				2.5x1.40-2.0	5	4	4					
273002	El Salvador		No. 1516	R	y				2.5x1.5-2.0	5	2	4					
273003	El Salvador		No. 1517	R	Yy				2.0-2.75x1.5-2.0	5	3	4					
273004	El Salvador		No. 1518	R	Yy				3.0x1.25	5	3	4					
273005	El Salvador		No. 1519	R	y				2.5-3.0x1.40	5	3	4					
273006	El Salvador		No. 1520	R	y				2.5x2.0	5	3	4					
273007	El Salvador		No. 1521	R	Yy				2.5x1.40-2.5	5,3	3	4					
273008	El Salvador		No. 1522	R	y				2.75x1.75-2.5	5	2	4					
273009	El Salvador		No. 1523	R	y				2.75x1.75-2.0	5	3	4					

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters							Disease Reaction			
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
							Amt.	Type									
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																	
273010	El Salvador	Schwanitz, Hamburg, Germany	No. 1524	R	y				3.0x1.75-2.5	5	3	4					
273011	Guatemala		No. 1525	R	Y				3.25x1.75	5	3	4					
273012	Guatemala		No. 1526	R	y				2.75x1.5	5	2	4					
273013	El Salvador		No. 1527	R	y				3.0x2.0	5	3	4					
273014	El Salvador		No. 1528	R	y				2.25x2.0	5	3	3					
273015	El Salvador		No. 1529	R	y				1.75, 2.25x1.75	2,5	2	4					
273016	El Salvador		No. 1530	R	y				3.25x1.75	5	2	4					
273017	El Salvador		No. 1531	R	Yy				0.75, 1.40x1.0, 2.5x2.0	2,3,5	3	4					
273018	El Salvador		No. 1532	R	Y				2.0-1.5	3	4	4					
273019	El Salvador		No. 1533	R	Y				3.25-1.5	3	4	4					
273020	El Salvador		No. 1534	R	Y				2.5-4.0x1.25-1.75	5	3	4					
273021	El Salvador		No. 1535	R	y				2.5x1.5	5	3	4					
273022	El Salvador		No. 1536	R	y				3.0x1.40	5	3	4					
273023	El Salvador		No. 1537	R	Y				3.0x1.5	5	2	4					
273024	El Salvador		No. 1538	R	Y				3.0x1.5	3,5	3	4					
273025	El Salvador		No. 1539	R	Yy				2.0x1.75	5	3	4					
273026	El Salvador		No. 1540	R	Y				3.0x1.5	5	3	4					
273027	El Salvador		No. 1541	R	y				2.0x1.40	5	4	4					
273028	El Salvador		No. 1542	R	Y				2.0x1.25	5	3	4					
273029	Guatemala		No. 1543	R	Y				2.5-2.0	3	3	4					
273030	Guatemala		No. 1544	R	Y				3.0	1	3	4			5		
273031	El Salvador		No. 1545	R	Yy				2.75x1.5	2,3,5	2	4					
273032	El Salvador		No. 1546	R	Y				2.5-2.25, 2.5	3,2	3	4					
273033	El Salvador		No. 1547	R	y				2.0x1.25	5	3	3					
273034	El Salvador		No. 1548	R	y				2.25	1	3	4					
273035	El Salvador		No. 1549	R	Y				2.75	1	3	4					
273036	El Salvador		No. 1550	R	y				1.75	1	3	4					
273037	El Salvador		No. 1551	R	Y				2.25x1.40	5	4	4					
273038	El Salvador		No. 1552	R	Y				2.25	1	4	4			4		
273039	El Salvador		No. 1553	R	Y				2.0	1	2	4					
273040	El Salvador		No. 1554	R	y				2	1	4	4					
273041	El Salvador		No. 1555	R	Y				1.75x1.5, 1.5	5,3,2	4	4					
273042	El Salvador		No. 1556	R	Yy				1.75	1	2	4					
273043	El Salvador		No. 1557	R	Y				1.75x1.75, 1.75	5,2	3	4					
273044	El Salvador		No. 1558	R	y				2.0	3	4	4					
273045	El Salvador		No. 1559	R	Y				2.0x1.25	5	4	4					
273046	Honduras		No. 1560	R	y				1.5	2	2	4					
273047	El Salvador		No. 1561	R	y				1.75	3	3	4					
273048	El Salvador		No. 1562	R	y				2.5x1.75	5	4	4					
273049	Guatemala		No. 1563	R	Yy				2.0-2.5	1	3	4					
273050	Guatemala		No. 1564	R	y				2.0-2.75	1	3	4					
273051	Guatemala		No. 1565	R	Y				2.0	1	4	4					
273052	Guatemala		No. 1566	R	y				2.25	1	3	4					
273053	Guatemala		No. 1567	R	Y				2.25	1	4	4					
273054	El Salvador		No. 1568	R	y				2.0x1.25	5	3	4					
273055	Guatemala		No. 1569	R	y				2.0-2.5	1	4	4					
273056	Guatemala		No. 1570	C h P R	Y				2.0	1							

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters							Disease Reaction		
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
							Amt.	Type									
b. Type species, including f. pyriforme and var. cerasiforme																	
273057	El Salvador	Schwanitz, Hamburg, Germany	No. 1571	C h P R	Wt y	5	Ind. Inter		1-3	C-R	2.0-2.75	1	1	4		3	
273058	El Salvador		No. 1572	C h P R	Yy						2.25,2.5x1.25	1,3,5	3				
273059	El Salvador		No. 1573	C h P R	wt Y						2.25	2	2				
273060	El Salvador		No. 1574		R y						2.25x1.25	5	2				
273061	El Salvador		No. 1575	C h P R	y						2.5x1.75	5					
273062	El Salvador		No. 1576	C h P R	Wt Yy			1-2	C-R		2.25x1.75	5	2				
273063	El Salvador		No. 1577	C h P R	Wt y			1-1	C-R		2.25x1.75	5	2				
273064	El Salvador		No. 1578	C h P R	y						2.5x1.75	5	3				
273065	El Salvador		No. 1579	C h P R	y						2.5-3.0	1	3				
273066	El Salvador		No. 1580	C h P R	y						1.75x1.13	5	3				
273067	El Salvador		No. 1581	C h P R	Y						2.0	1	1	5			
273068	El Salvador		No. 1582	C h P R	Yy						2.5x1.25	5	3				
273069	El Salvador		No. 1583	C h P R	y						2.25	1	2	4			
273070	El Salvador		No. 1584	C h P R	Y						2.0	1	3				
273071	El Salvador		No. 1585	C h P R	Y						1.75	1	2	3			
273072	El Salvador		No. 1586	C h P R	Y						1.5-2.0	2	2	3			
273073	El Salvador		No. 1587	C h P R	Y						1.75	2					
273074	El Salvador		No. 1588	C h P R	wt y						2.0-2.5	1	4				
273075	El Salvador		No. 1589	C h P R	Y						1.75	1					
273076	El Salvador		No. 1590	C h P R	Y						2.0-2.5	1	2				
273077	El Salvador		No. 1591	C h P R	Y						1.75	1					
273078	El Salvador		No. 1592	C h P R	Yy						2.5 2.0	1,3					
273079	Guatemala		No. 1593	C h P R	Y						1.75-2.25	1,2	4			5	
273080	Guatemala		No. 1594	C h P R	Y						1.75	1	3			5	
273081	Guatemala		No. 1595	C h P R	Y						2.5	1				5	
273082	Guatemala		No. 1596	C h P R	Wt y	4	Ind. Inter				2.5	1	4	3		5	
273083	Guatemala		No. 1597	C h P R	Y						2.5	1				4	
273084	Guatemala		No. 1598	C h P R	Y						2.0-3.0	1	5			4	
273085	El Salvador		No. 1599	C h P R	Y						1.75	1,2	5			3	
273086	Guatemala		No. 1600	C h P R	Y						2.0	1	3			4	
273087	Guatemala		No. 1601	C h P R	Y						2.5	1	3	5		4	
273088	Guatemala		No. 1602	C h P R	Y						1.75	1	2	5		4	
273089	El Salvador		No. 1603	C h P R	y						1.75	2	4				
273090	El Salvador		No. 1604	C h P R	Y						2.0	1,2	2				
273091	El Salvador		No. 1605	C h P R	Yy						2.0	1	2	4			
273092	El Salvador		No. 1606	C h P R	Wt y	4	Ind. Inter		1-1	C-R	2.0-3.0	1	3	3		5	
273093	Guatemala		No. 1607	C h P R	Y						2.0-2.5	1,2	1			2-4	
273094	El Salvador		No. 1608	C h P R	Yy						2.0	2,3	2			3	
273095	El Salvador		No. 1609	C h P R	Yy						2.25	1	2			2	
273096	Guatemala		No. 1610	C h P R	Yy						2.25x1.13	5	2			1	
273097	El Salvador		No. 1611	C h P R	Y						1.75	2	4			1	
273098	Guatemala		No. 1612	C h P R	Y						2.5	1	4			4	
273099	Honduras		No. 1613	C h P r	y						2.0	1	2	4		2	
273100	El Salvador		No. 1614	C h P R	y						2.5	1	1	4		4	
273101	Guatemala		No. 1615	C h P R	Yy						1.5,2.25x1.75	1,3	2			1	
273102	Guatemala		No. 1616	C h P R	y						2.0	1	2			1	
273103	Guatemala		No. 1617	C h P R	Y						2.25	1	2	4		3	

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters							Disease Reaction			
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
							Amt.	Type									
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																	
273104	Guatemala	Schwanitz, Hamburg, Germany	No. 1618	C h P R	Y					2.5	1	3	4		3		
273105	El Salvador		No. 1619	C h P R	Yy					1.75-2.0	1	2	4		4		
273106	El Salvador		No. 1620	C h P R	Wt y	5	Ind. Inter	1-1	C-R	1.75,2x1.125	2,3	3	4		1		
273107	El Salvador		No. 1621	C h P R	Wt y			1-1	C-R	2.5x1.75	3,5	2	3		1		
273108	El Salvador		No. 1622	C h P R	Y					2.25	1	2			1		
273109	El Salvador		No. 1623	C h P R	Yy					2.0x1.75	3	3			1		
273110	El Salvador		No. 1624	C h P R	Y					1.75	1	2			1		
273111	El Salvador		No. 1625	C h P R	Y					1.75	1	3			1		
273112	El Salvador		No. 1626	C h P R	Y					1.75	1	2			2		
273113	El Salvador		No. 1627	C h P R	y					2.0-3.0,2.25x2.0	1,5	4			3		
273114	Guatemala		No. 1628	C h P R	y					2.0	1	3	4		3		
273115	El Salvador		No. 1629	C h P R	Y					2.0	1	3			3		
273116	El Salvador		No. 1630	C h P R	Y					2.0	1	3			2		
273117	El Salvador		No. 1631	C h P R	Y					2.25	1	2			2		
273118	El Salvador		No. 1632	C h P R	Y					2.0	1	3			2		
273119	El Salvador		No. 1633	C h P R	Y					2.0	1,2	3			1		
273120	El Salvador		No. 1634	C h P R	Y					1.5-2.0	1,2	2			2		
273121	El Salvador		No. 1635	C h P R	Y					2.0,2.5x1.5	3,5	3			1		
273122	Guatemala		No. 1636	C h P R	Y					1.75	1,2	1	4		2		
273123	Guatemala		No. 1637	C h P R	Y					1.75	1,2	4			1		
273124	Guatemala		No. 1638	C h P R	Y					2.5	1	3			3		
273125	El Salvador		No. 1639	C h P R	Y					1.75	2	2			1		
273126	El Salvador		No. 1640	C h P R	y					2.25	1	3			4		
273127	El Salvador		No. 1641	C h P R	wt y					2.5	1	2			2		
273128	El Salvador		No. 1642	C h P R	Y					2.0-3.0	1,2	4			4		
273129	El Salvador		No. 1643	C h P R	wt y					2.25,2.0x1.75	2,3	3			2		
273130	Guatemala		No. 1644	C h P R	Y					2.5-3.0	1		3		4		
273131	El Salvador		No. 1645	C h P R	Yy					2.0-3.0,2.25x1.5	1,2,3	2			4		
273132	Guatemala		No. 1646	C h P R	Y					3.0	1	3			5		
273133	El Salvador		No. 1647	C h P R	wt Y					2.5	1	1			4		
273134	El Salvador		No. 1648	C h P R	Yy					2.0,1.75x1.5	1,2	3			1		
273135	Guatemala		No. 1649	C h P R	y					3.0	1	2			4		
273136	El Salvador		No. 1650	C h P R	Yy					2.25x1.75,2.5x1.75	3,5	2			1		
273137	Guatemala		No. 1651	C h P R	Y					1.5	2	2	5		1		
273138	Guatemala		No. 1652	C h P R	Y					2.25-3.25	1	3			3		
273139	Guatemala		No. 1653	C h P R	Y					2.5	1	3			3		
273140	Guatemala		No. 1654	C h P R	y					2.25	1	2			4		
273141	Guatemala		No. 1655	C h P R	Y					2.0-3.0	1	2			4		
273142	Guatemala		No. 1656	C h P R	Y					2.25	1	2			4		
273143	Guatemala		No. 1657	C h P R	Y					2.0	1	3			3		
273144	Guatemala		No. 1658	C h P R	Y					1.5-2.0	1,2	4			3		
273145	Guatemala		No. 1659	C h P R	Y					2.25	1	2			3		
273146	Guatemala		No. 1660	C h P R	Y					2.0,1.75-1.25	1,3	3			1		
273147	Guatemala		No. 1661	C h P R	Y					2.5	1	2			2		
273148	Guatemala		No. 1662	C h P R	Y					2.5	1	2	5		5		
273149	Guatemala		No. 1663	C h P R	Y					2.75	1	2			4		
273150	Guatemala		No. 1664	C h P R	Y					1.5	1	2			4		

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaflet Size	Cracking		Size Inches	Shape	Set	Ma-tur-ity	Inten-sity Flesh Color	Number Locules	Fas-cia-tion	Alter-naria	Mosaic	
b. Type species, including f. <i>pyriforme</i> and var. <i>cerasiforme</i>																		
273151	Guatemala	Schwanitz, Hamburg, Germany No. 1665	C h P R Wt Y	5	Ind. Inter				2.0	1	3						4	
273152	Guatemala	No. 1666	C h P R Y						2.5	1	2						4	
273153	Guatemala	No. 1667	C h P R Y						2.5-3.0	1	4						4	
273154	Guatemala	No. 1668	C h P R Y						2.5	1	4						4	
273155	Guatemala	No. 1669	C h P R Y						2.5	1	2						5	
273156	Guatemala	No. 1670	C h P R Y						2.0	2	3						5	
273157	Guatemala	No. 1671	C h P R Y						2.0-3.0	1	3						4	
273158	El Salvador	No. 1672	C h P R Y						2.13x1.5	5	3						1	
273159	El Salvador	No. 1673	C h P R Y						1.5-2.0x1.25	3,5	3						1	
273160	El Salvador	No. 1674	C h P R Yy						3.0	1,2	2						2	
273161	El Salvador	No. 1675	C h P R Y						0.5,2.0-1.75	2,3	2						1	
273162	El Salvador	No. 1676	C h P R Y						2.25	1	2						3	
273163	El Salvador	No. 1677	C h P R Y						2.0x1.0	5	2						1	
273164	El Salvador	No. 1678	C h P R Y						0.5-2.0	2	2						1	
273165	El Salvador	No. 1679	C h P R Y						2.5	1	2						2	
273166	El Salvador	No. 1680	C h P R Y						1.75x1.13	3,5	2						1	
273167	El Salvador	No. 1681	C h P R Y						2.25	1	3						2	
273168	Guatemala	No. 1682	C h P R Wt y	4	Ind. Inter				2.5x1.125	5	1	3					1	
273174	Guatemala	No. 1688	C h P R Y						0.63	2	3						1	
273175	Guatemala	No. 1689	C h P R Y						0.63-0.75	2	3						1	
273176	Guatemala	No. 1690	C h P R Y						0.75	2	2						1	
273177	Guatemala	No. 1691	C h P R Y						0.75	2,3	4						1	
273178	Guatemala	No. 1692	C h P R Y						0.75,2.0x1.63	2,3	3						1	
273181	Guatemala	No. 1695	C h P R Y						0.75	2,3	3						1	
273182	Guatemala	No. 1696	C h P R Wt Y	3	Ind. Inter		1-1	C-R	2.0x1.63	5	2	3					1	
273186	Guatemala	No. 1700	C h P R Y						0.63	2	4						1	
273445	Phil. Islands	'Nagcarlan'	C h P R U Wt y	5	Ind. Inter	4	3-2	C-R	2.5-3.0	1	1	5	3	Many	4	1	Susc	
273446	Phil. Islands	'Filipino No. 2'	C h P R u Wt Yy	3	Ind. Inter	4	4-2	C-R	1.5-3.0	2,1	1	5	1-5	5-many	1-4	3	Susc	
273447	U.S.S.R.	'Oroshan'	C h P R U Wt Y	1	Det. Inter	1	2-1	C-R	1.0-2.0	1	1	4	3	3-4	2	5	Susc	
275015	Bulgaria	'Kometi' x 'Zaria', Bulg. Leg.	C h P R U Wt Y	3	Ind. Inter	3	3-2	C-R	2.0-2.5	2	3	4	4	many	1	2	Susc	
275016	Bulgaria	'Rudzhars' x 'Zaria,' Bulg. Leg.	C h P R U Wt Y	3	Ind. Inter	2	4-3	C-R	2.0-2.5	2	1	4	4	3-many	1	3	Susc	
276651	Indonesia	Inst.Pl.Dis.& Pests, Bogor, Java	C h P R U Wt Y	3	Ind. Inter	2	4-1	C-R	1.5-2.0	1	4	1	3	many	3	4	Susc	
279368	New York	Sel. from P.I. 195325 (Susp. cross)	C h P R U Wt Yy	5	Ind. Inter	3	1-2	C-R	0.75-1.25	2,1	3	3	2	3-many	1	2	Susc	
279369	New York	Sel. from P.I. 109113 (L. esc. 8a)	C h P R U Wt Y	3	Ind. Inter	3	1-2	C-R	0.5-0.75	2	5	3	3	2	1	1	Susc	
279370	New York	Sel. from P.I. 140415 (L. esc. 8b)	C h P R U Wt Y	5	Ind. Inter	2	2-2	C-R	0.75-1.0	2	4	2	3	2	1	1	Susc	
279371	New York	Sel. from P.I. 185685 (L. esc. 8b)	C h P R U Wt y	5	Ind. Inter	3	1-1	C-R	0.5-0.75	2	1	5	1	2-4	1	1	Susc	
279372	New York	Sel. from P.I. 195323 (L. esc. 8b)	C h P R U Wt Yy	5	Ind. Inter	3	2-2	C-R	0.75-1.0	2	4	2	2	2-3	1	1	Susc	
280588	U.S.S.R.	'Birince Kutskiy'	C h P R u Wt Y	4	Ind. Inter	2	2-2	C-R	2.25-3.0	1	1	4	2	many	2	1	Susc	
280589	U.S.S.R.	'Novato'	C h P R u Wt Y	3	Ind. Inter	2	3-2	C-R	2.0-2.5	2	2	4	1	5-many	1	2	Susc	
280591	U.S.S.R.	'Anait'	C h P R u Wt Y	3	Ind. Inter	3	4-3	C-R	2.0-2.5	1	2	4	1	5-many	2	1	Susc	
280592	U.S.S.R.	'Krasnodarec'	c h P R u Wt Y	1	Seg. Erect	4	3-2	C-R	2.5-3.0	2	4	4	3	many	1	1	Susc	
280593	U.S.S.R.	'Greentovyi Gribovskij'	C h P R u Wt Y	2	Ind. Inter	2	3-2	C-R	1.5-2.5	2	5	1	3	2-3	1	3	Susc	
280597	U.S.S.R.	'Malivtka'	C h P R u Wt Y	1	Det. Inter	2	1-1	C-R	1.0-1.5	2,1	5	1	4	2-3	1	3-5	Susc	

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters			Fruit Characters										Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic	
							Amt.	Type										
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																		
280598	U.S.S.R.	'Voshod'	ChPRUWtY	2	Ind. Inter	2	3-5	C-R	1.75-2.25	2	4	3	1	4-many	1	3	Susc	
280599	U.S.S.R.	'Doneckii'	ChPRUWtY	1	Det. Inter	4	2-3	C-R	2.0-2.5	2	4	3	1	many	2	1	Susc	
280600	U.S.S.R.	'Volgogradskij'	ChPRUWtY	3	Ind. Int. Er.	4	2-2	C-R	2.5-3.0	1	3	5	1,3	Many	2	2	Susc	
280601	U.S.S.R.	'Kolhoznyj'	ChPRUWtY	2	Ind. Inter	2	2-3	C-R	1.5-2.5	2	3	3	1	4-many	1	3	Susc	
280602	U.S.S.R.	'Bukovinskij'	ChPRUWtY	4	Ind. Inter	2	1-2	C-R	2.5x1.0	5	3	3	4	2-3	1	3	Susc	
280669	U.S.S.R.	'Losinoostrovskij-276'	ChPRUWtY	1	Det. Inter	1	3-3	C-R	1.5-2.5	2	4	2	2	many	1	3-5	Susc	
280670	U.S.S.R.	'Vegetativnyi hybrid 19'	ChPRUWtY	1	Det. Inter	1	2-2	C-R	1.5-2.0	2	4	1	3	4-many	1	5	Susc	
280671	U.S.S.R.	'Sibirskiy skoropelyi 1450'	ChPRUWtY	1	Det. Inter	1	2-2	C-R	1.5-2.0	2	5	2	4	3-4	1	5	Susc	
280672	U.S.S.R.	'Alnogoplodnyi 40'	ChPRUWtY	2	Ind. Inter	2	5-3	C-R	1.5-2.5	2	4	3	4	3-4	1	3	Susc	
281866	Bulgaria	'Linien XXIVa'	ChPRUWtY	2	Ind. Inter	3	2-2	C-R	1.0-2.0	2,3	2,4	3	1-4	2-3	1	3	Susc	
281867	Bulgaria	'Linien XXIV-13'	ChPRUWtY	3	Ind. Inter	3	3-1	C-R	1.5-2.0	2	3	3	3	2-3	1	1	Susc	
281868	Bulgaria	'No. 10'	ChPRUWtY	2	Ind. Inter	3	3-2	C-R	1.0-1.5	2	4	2	2	2-3	1	3	Susc	
281869	Bulgaria	'Plowdiwska Konserwa'	ChPRUWtY	4	Ind. Inter	3	2-2	C-R	1.0-1.5	2	3	3	1	2-3	1	3	Susc	
283911	Czech.	'Hybrid 31'	ChPRUWtY	4	Ind. Inter	4	3-3	C-R	2.0-3.5	1	3	4	4	many	2	2	Susc	
283912	Czech.	'Hybrid 31'	ChPRUWtY	4	Ind. Inter	4	2-3	C-R	2.0-3.0	1	4	4	2	many	1	2	Susc	
283913	Czech.	'Hybrid 99' (Mnogolobnyj)	ChPRUWtY	2	Ind. Inter	1	4-2	C-R	2.0-2.5	1	4	3	3	many	3	3	Susc	
283914	Czech.	'Ijulskie'	ChPRUWtY	1	Ind. Inter	1	2-1	C-R	1.0-1.5	2	4	1	2	many	1	5	Susc	
283916	Czech.	'Jubileum'	ChPRUWtY	1	Det. Erect	1	5-3	C-R	1.0-1.5	2	1	3	1	3-4	1	5	Susc	
283917	Czech.	'Karlikovyj Sion'	ChPRUWtY	1	Det. Erect	1	5-3	C-R	1.0-1.5	2	1	3	3	2-4	1	5	Susc	
283918	Czech.	'Karzelek Bialy'	ChPRUWtY	1	Det. Inter	1	3-2	C-R	0.75-1.0	2	5	3	3	2	1	3	Susc	
283919	Czech.	'Karzelek Chodowski'	ChPRUWtY	1	Det. Inter	1	1-2	C-R	1.5-2.0	2	5	3	1	4-5	2	3	Susc	
283920	Czech.	'Karzelek Pulawski'	ChPRUWtY	1	Det. Erect	1	3-2	C-R	1.0-1.5	2	3	3	1	3-4	1	1	Susc	
283921	Czech.	'Kecskemeti Felmagas'	ChPRUWtY	1	Det. Erect	1	3-1	C-R	1.0-1.5	2	3	3	1	2-3	1	1	Susc	
283922	Czech.	'Kecskemeti Torpe'	ChPRUWtY	1	Det. Erect	1	3-2	C-R	1.0-1.5	2	3	3	2	2-many	1	1	Susc	
283923	Czech.	'Krasnoznamennyj'	ChPRUWtY	1	Det. Erect	1	2-2	C-R	0.75-1.5	2	3	3	3	2-3	1	3	Susc	
283924	Czech.	'Krasnyj Dar'	ChPRUWtY	3	Ind. Inter	1	2-2	C-R	1.5-2.5	1	3	5	3	many	4	1	Susc	
283925	Czech.	'Kuban 557'	ChPRUWtY	3	Ind. Det. Int.	1	3-2	C-R	1.5-2.0	1	3	5	4	many	2	1	Susc	
283926	Czech.	'Liliputck Wladzikowski'	ChPRUWtY	1	Det. Erect	1	3-2	C-R	1.0-1.5	2	3	3	1	2-4	1	1	Susc	
283927	Czech.	'Manitoba'	ChPRUWtY	1	Det. Inter.	1	3-2	C-R	1.0-2.0	2	3	3	4	5-many	1	1	Susc	
283928	Czech.	'Meszoli-Fele-Alacsony'	ChPRUWtY	1	Det. Erect	1	3-2	C-R	1.0-1.25	2	3	1	3	2	1	1	Susc	
283929	Czech.	'Micurinskije 337'	ChPRUWtY	1	Det. Inter.	1	1-2	C-R	1.0-2.5	2	3	5	1	2-4	1	1	Susc	
283930	Czech.	'Micurinskije 337'	ChPRUWtY	1	Det. Inter	1	2-2	C-R	1.0-2.0	2	3	3	1	2-many	2	1	Susc	
283931	Czech.	'Morskin'	ChPRUWtY	1	Det. Inter	1	2-2	C-R	1.0-1.5	2	5	3	3	2-many	1	3	Susc	
283932	Czech.	'Morskin 12'	ChPRUWtY	2	Det. Inter	1	2-1	C-R	1.0-2.0	2	3	3	3	2-many	1	1	Susc	
283933	Czech.	'Mory 25'	ChPRUWtY	3	Det. Inter	1	2-2	C-R	1.0-2.0	2	4	5	1	2-many	1	1	Susc	
283934	Czech.	'Mory 33'	ChPRUWtY	3	Det. Inter	1	1-2	C-R	1.0-1.5	2	4	5	1	4-many	1	1	Susc	
283935	Czech.	'Niedrige Verbesserte Holländische'	ChPRUWtY	1	Det. Erect	1	3-1	C-R	1.0-2.0	2	5	3	3	3	1	1	Susc	
283936	Czech.	'Nizke Produktivni'	ChPRUWtY	3	Ind. Inter	1	2-1	C-R	1.0-1.5	2	4	3	3	2	1	1	Susc	
283937	Czech.	'Pitica Eva'	ChPRUWtY	1	Det. Erect	1	3-2	C-R	1.0-1.5	2	3	3	3	2-3	1	1	Susc	
283938	Czech.	'Planovyj'	ChPRUWtY	3	Ind. Det. Int.	1	1-2	C-R	1.0-2.0	2,1	1	5	1	many	4	1	Susc	
283939	Czech.	'Plovdivska Konzerva' x 'Bizon'	ChPRUWtY	1	Det. Inter.	1	3-2	C-R	1.0-1.5	2	1	3	3	3-many	1	3	Susc	
283940	Czech.	'Podarok Rodine'	ChPRUWtY	3	Ind. Inter	1	2-2	C-R	1.0-2.0	2	3	3	1	5-many	4	1	Susc	
283941	Czech.	'Rajce 79'	ChPRUWtY	1	Ind. Inter	1	5-2	C-R	1.5-2.0	2	3	3	4	3	1	3	Susc	
283942	Czech.	'Rannyj Rozovij'	ChPRUWtY	1	Det. Inter	1	3-1	C-R	1.0-1.5	2	5	3	1	2-3	2	3	Susc	
283943	Czech.	'Rannyj Vitebskij'	ChPRUWtY	5	Ind. Int.	1	1-1	C-R	1.0-2.0	2	1	5	3	5-many	1	1	Susc	
283944	Czech.	'Resista'	ChPRUWtY	3	Det. Inter	1	3-3	C-R	1.0-1.5	2	3	4	2	3-4	1	1	Susc	

TABLE 8b.—(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters								Disease Reaction	
				Vine Size	Growth and Habit	Leaf- let Size	Cracking		Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
							Amt.	Type									
b. Type species, including <i>f. pyriforme</i> and var. <i>cerasiforme</i>																	
283945	Czech.	'Rizskie'	Ch P R U Wt Y	1	Ind. Inter	1	3-2	C-R	1.0-1.5	2	1	5	3	2-many	1	3	Susc
283946	Czech.	'Roter Gnom'	Ch P R U Wt Y	1	Det. Erect	1	3-3	C-R	1.0-1.5	2	1	1	1	4	2	3	Susc
283947	Czech.	'Rudloff'	Ch P R U Wt Y	1	Det. Erect	3	2-1	C-R	1.0-1.5	2	4	3	3	2	1	1	Susc
283948	Czech.	'Self Pruning'	Ch P R U Wt Y	5	Ind. Inter	1	3-2	C-R	1.0-2.0	2	3	5	1	2-4	2	1	Susc
283949	Czech.	'Sibirskij Stambovyj'	Ch P R U Wt Y	1	Det. Erect	2	3-3	C-R	1.5-2.0	2	2	4	4	5	1	3	Susc
283950	Czech.	'Stambovyj Karlik'	Ch P R U Wt Y	3	Ind. Inter	3	5-3	C-R	2.5-3.0	2	3	1	2	many	2	3	Susc
283953	Czech.	'Tiraspol'skij Stambovyj'	Ch P R U Wt Y	4	Ind. Inter	3	3-3	C-R	2.0-3.0	2	3	5	1	many	1	1	Susc
283954	Czech.	'Trpaslice'	Ch P R U Wt Y	4	Ind. Inter	2	5-1	C-R	2.0-2.5	2	4	3	3	2	1	3	Susc
283955	Czech.	'Versalskie'	Ch P R U Wt Y	3	Ind. Inter	4	1-5	C-R	2.0-3.0	2	4	3	3	3-many	1	2	Susc
283956	Czech.	'Vrbicanske Nizke'	Ch P R U Wt Y	2	Ind. Inter	3	5-1	C-R	2.0-2.5	2	3	2	3	4-many	1	5	Susc
285068	Philippines	'Nagcarlan'	Ch P R U Wt Y	4	Ind. Inter	2	5-2	C-R	2.5	1,2	3	3	1	3-many	1,4	1	Susc
285662	Poland	'Casque Rouge'	Ch P R U Wt Y	2	Ind. Inter	4	5-5	C-R	2.5-3.0	1,2	3	3	2	4-many	1	3	Susc
285664	Poland	'ES 1' by Inst. Hodowii	Ch P R U Wt Y	4	Ind. Inter	2	4-4	C-R	1.0-1.5	2	3	3	2	2	1	1	Susc
285665	Poland	'ES 5' by Inst. Hodowii	Ch P R U Wt Y	3	Ind. Inter	3	4-3	C-R	1.5-2.0	2	3	3	2	2	1	1	Susc
285667	Poland	'Harbinger'	Ch P R U Wt Y	2	Ind. Inter	2	3-1	C-R	1.75-2.0	2	2	3	2	2	1	3	Susc
285669	Poland	'Iregikorai'	Ch P R U Wt Y	3	Ind. Inter	3	3-3	C-R	1.0-2.0	2	2	4	2	2-3	1	2	Susc
285670	Poland	'Keskemeti'	Ch P R U Wt Y	3	Ind. Inter	2	3-1	C-R	1.5-2.0	2	1	4	1	many	1	1	Susc
285672	Poland	'Majak'	Ch P R U Wt Y	3	Ind. Inter	2	1-1	C-R	1.5-2.0	2	2	4	2	4-many	1	3	Susc
285673	Poland	'NDAC'	Ch P R U Wt Y	2	Ind. Inter	3	3-3	C-R	1.0-2.5	2	3	3	1	2-5	1	3	Susc.
285674	Poland	'Niedrige Busch'	Ch P R U Wt Y	1	Det. Inter	2	3-1	C-R	1.5-2.0	2	4	3	3	4-many	1	3	Susc
285675	Poland	'No. 10'	Ch P R U Wt Y	3	Ind. Inter	2	3-3	C-R	1.0-2.0	2	3	3	2	2-4	1	3	Susc
285676	Poland	'No. 99'	Ch P R U Wt Y	3	Ind. Inter	3	4-3	C-R	1.75-2.0	2	2	4	3	2-3	1	3	Susc
285677	Poland	'Oktjabronok'	Ch P R U Wt Y	2	Ind. Erect	2	2-1	C-R	1.0-2.0	2	1	5	3	many	1	2	Susc
285679	Poland	'Pierrette'	Ch P R U Wt Y	5	Ind. Inter	2	3-3	C-R	1.5-2.5	1	2	4	4	many	4	2	Susc
285680	Poland	'Planowyj'	Ch P R U Wt Y	2	Ind. Erect	3	1-2	C-R	2.5-3.0	1	1	5	3	many	4	1	Susc
285681	Poland	'Plowdiwska Konserwa'	Ch P R U Wt Y	5	Ind. Inter	3	2-1	C-R	0.75-1.25	2	1	4	2	2-4	1	1	Susc
285682	Poland	'Puzzkinskij'	Ch P R U Wt Y	1	Det. Inter	3	5-2	C-R	1.5-2.0	2	3	3	3	2-many	1	5	Susc
285683	Poland	'Rakowick'	Ch P R U Wt Y	4	Ind. Inter	2	5-3	C-R	1.0-2.0	2	2	4	3	2-3	1	1	Susc
285686	Poland	'Singh Cross'	Ch P R U Wt Y	4	Ind. Inter	3	4-3	C-R	1.5-2.0	2	1	4	2	2-3	1	1	Susc
285687	Poland	'Sztambowyj Alpatiewa'	Ch P R U Wt Y	1	Det. Erect	1	4-3	C-R	1.0-2.0	2	3	3	4	many	1	4	Susc
285688	Poland	'Westlandia'	Ch P R U Wt Y	5	Ind. Inter	3	3-3	C-R	1.5-2.25	2	3	4	2	2-3	1	1	Susc
285690	Poland	'Zoltooowocowy 802'	Ch P R U Wt Y	2	Ind. Erect	2	3-5	C-R	1.5-2.5	2	1	5	1	many	1	1	Susc
286252	Gr. Britain	'Harbinger'	Ch P R U Wt Y	3	Ind. Inter	2	3-2	C-R	1.75-2.0	2	3	3	4	2-3	1	1	Susc
286256	Gr. Britain	'ES 1' (Used as pollen parent)	Ch P R U Wt Y	3	Ind. Inter	3	2-2	C-R	1.5-2.0	2	3	4	2	2-3	1	3	Susc
286257	Gr. Britain	'ES 5'	Ch P R U Wt Y	4	Ind. Inter	3	5-2	C-R	1.0-1.75	2	2	4	3	2-3	1	1	Susc
286259	Gr. Britain	'G.C.R. 26'	Ch P R U Wt Y	3	Ind. Inter	3	3-3	C-R	1.0-1.5	2	1	3	2	2-3	1	2	Susc
286260	Gr. Britain	'G.C.R. 27'	Ch P R U Wt Y	2	Ind. Inter	2	4-2	C-R	1.75-2.0	2	4	4	2	2-3	1	1	Susc
286261	Gr. Britain	'G.C.R. 28'	Ch P R U Wt Y	2	Ind. Inter	3	3-2	C-R	1.0-2.0	2	3	3	2	2-3	1	3	Susc
286426	Nepal	from Katmandu	Ch P R U Wt Y	1	Ind. Inter	1	3-3	C-R	0.75-1.5	2	1	1	4	3-5	1	1	Susc
289178	Hungary	'Korai Csemege'	Ch P R U Wt Y	3	Ind. Inter	1	2-2	C-R	1.0-1.5	2	3	2	3	2-4	2	4	Susc
289179	Hungary	'Kecskemeti D30'	Ch P R U Wt Y	3	Det. Inter	1	3-3	C-R	1.0-1.5	2	3	4	2	2-4	1	2	Susc
289180	Hungary	'Kecskemeti Heterozis'	Ch P R U Wt Y	2	Ind. Inter	3	1	C-R	1.75	2	3	3			1		
289181	Hungary	'Solymari'	Ch P R U Wt Y	3	Ind. Inter	1	2-1	C-R	1.0-2.0	2	3	3	2	2	1	3	Susc
289182	Hungary	'Humbert'	Ch P R U Wt Y	5	Ind. Inter	1	1-1	C-R	1.0-1.5x1.25	3	3	3	1	2	1	1	Susc
289183	Hungary	'Moszkvai'	Ch P R U Wt Y	2	Det. Inter	1	1-1	C-R	1.0-2.0	2	3	3	1	2-many	2	2	Susc
289184	Hungary	'Csemege Szabadfoldi'	Ch P R U Wt Y	2	Det. Inter	1	2-1	C-R	1.0-1.5	2	3	3	1	2-many	2	3	Susc
289185	Hungary	'Tukondi'	Ch P R U Wt Y	5	Ind. Inter	1	2-2	C-R	1.0-2.0	2	3	3	1	2-3	1	3	Susc

TABLE 8b.--(continued)

P. I. Number	Source	Collector or Donor Notes	Genotype	Vine and Foliage Characters				Fruit Characters							Disease Reaction		
				Vine Size	Growth and Habit	Leaf- let Size	Cracking Amt.	Type	Size Inches	Shape	Set	Ma- tur- ity	Inten- sity Flesh Color	Number Locules	Fas- cia- tion	Alter- naria	Mosaic
b. Type species, including <i>f. pyriforme</i> and <i>var. cerasiforme</i>																	
289186	Hungary	'Krasznodini 590'	C h P R U Wt Y	3	Ind. Inter	1	2-2	C-R	1.0-2.0	2	3	3	1	2-many	1	3	Susc
289187	Hungary	'Gribaseki'	C h P R U Wt Y	3	Ind. Inter	1	3-3	C-R	1.0-2.0	2	3	3	1	2-3	1	3	Susc
289188	Hungary	'Szabadfoldi Korai'	C h P R U Wt Y	2	Det. Inter	1	3-1	C-R	1.0-2.0	2	3	1	3	2-4	1	3	Susc
289189	Hungary	'Dan Export'	C h P R U Wt Y	3	Ind. Inter	1	2-1	C-R	1.0-1.5	2	2	3	3	2-5	2	5	Susc
289191	Hungary	'Paratlan'	C h P R U Wt Y	3	Ind. Inter	1	3-1	C-R	1.0-2.0	2	1	5	3	3-4	2	3	Susc
289192	Hungary	'Anait'	C h P R U Wt Y	3	Ind. Inter	1	3-3	C-R	1.0-3.0	2	3	4	1	many	1	1	Susc
289193	Hungary	'Haniski Koranero'	C h P R U Wt Y	1	Det. Inter	1	3-3	C-R	1.0-1.5	2,3	3	3	1	3-5	2	3	Susc
289194	Hungary	'San Marsano'	C h P R U Wt Y	3	Ind. Inter	1	1-1	C-R	0.75-2.5x1.5	2,4	3	5	1	2	2	1	Susc
289196	Hungary	'Zuricher Markt'	C h P R U Wt Y	5	Ind. Inter	1	2-2	C-R	2.0-3.0	2	3	5	3	4-many	2	1	Susc
289197	Hungary	'Westlandia'	C h P R U Wt Y	5	Ind. Inter	1	2-2	C-R	1.0-2.0	2	3	5	2	2-3	1	1	Susc
289198	Hungary	'Goldene Konigin'	C h P r U Wt y	4	Ind. Inter	1	2-1	C-R	1.0-2.0	2	1	5	1	4-many	1	1	Susc
289201	Hungary	'Schappis Kusunachter Alpengluhn'	C h P R U Wt Y	5	Ind. Inter	1	2-3	C-R	1.0-2.0	1,2	3	5	1	many	2	1	Susc
289202	Hungary	'Roter Gnom'	C h P R U Wt Y	1	Det. Erect	1	3-3	C-R	1.0-2.0	2	5	3	4	4-many	2	3	Susc
289203	Hungary	'Micado'	C h P R U Wt Y	3	Ind. Inter	1	3-3	C-R	1.0-1.5	2	1	5	1	4-many	1	1	Susc
289205	Hungary	'Pierette'	C h P R U Wt Y	5	Ind. Inter	1	5-2	C-R	1.0-3.0	1	3	5	1	many	2	2	Susc
289206	Hungary	'Sans Pareille'	C h P R U Wt Y	5	Ind. Inter	1	2-5	C-R	1.0-2.0	2	3	3	3	2-4	1	1	Susc
289208	Hungary	'Selandia'	C h P R U Wt Y	3	Ind. Inter	1	5-2	C-R	1.0-1.5	2	3	3	1	3-4	1	5	Susc
289209	Hungary	'Kvckers Trots'	C h P R U Wt Y	3	Ind. Inter	1	5-5	C-R	1.0-1.5	2	1	5	1	2-3	1	2	Susc
289210	Hungary	'Kampioen'	C h P R U Wt Y	3	Ind. Inter	1	2-2	C-R	1.0-1.5	2	3	3	1	2-3	1	1	Susc
289212	Hungary	'Piccolo'	C h P R U Wt Y	1	Det. Erect	1	1-1	C-R	1.0-1.5	2	5	1	3	2-3	1	3	Susc
289213	Hungary	'Danderyd'	C h P R U Wt Y	5	Ind. Inter	1	5-3	C-R	1.0-2.0	2	3	3	1	3-many	1	2	Susc
289214	Hungary	'Scania'	C h P R U Wt Y	3	Ind. Inter	1	4-2	C-R	1.0-2.0	2	3	3	3	2-3	1	1	Susc
289215	Hungary	'Landora' / 50 Orig.	C h P R U Wt Y	5	Ind. Inter	1	2-2	C-R	1.0-1.5	2	3	5	2	2-3	1	1	Susc
289216	Hungary	'Sirius'	C h P R U Wt Y	5	Ind. Inter	1	5-2	C-R	1.0-1.5	2	3	3	1	2-many	1	1	Susc
289220	Hungary	'Kecskemeti 42'	C h P R U Wt Y	3	Det. Inter	1	2-3	C-R	1.0-2.0	2	3	4	3	2-many	1	1	Susc
289221	Hungary	'Kecskemeti 364'	C h P R U Wt Y	5	Ind. Inter	1	1-5	C-R	1.0-2.5	2	2	5	1	5-many	2	1	Susc
289222	Hungary	'Kuban 557'	C h P R U Wt Y	3	Ind. Inter	1	1-1	C-R	1.0-2.0	2	1	3	3	2-4	1	1	Susc
289223	Hungary	'Iregszemcsei Korai Csemege'	C h P R U Wt Y	3	Ind. Inter	1	2-2	C-R	1.0-2.0	2	3	3	1	2-5	1	2	Susc
289224	Hungary	'V 545'	C h P R U Wt Y	5	Ind. Inter	1	2-2	C-R	1.0-2.0	2	3	3	3	2-many	1	1	Susc
289225	Hungary	'Nunheins'	C h P R U Wt Y	4	Ind. Inter	1	3-2	C-R	1.0-1.5	2	3	5	1	2-3	1	1	Susc
289226	Hungary	'No. 49'	C h P R U Wt Y	3	Ind. Inter	1	2-3	C-R	1.0-2.0	2	3	3	1	3-5	1	1	Susc
289227	Hungary	'Stanbov Alpatyev'	C h P R U Wt Y	3	Ind. Inter	1	3-2	C-R	1.0-1.5	2	3	5	1	2-many	1	1	Susc
289228	Hungary	'Nyiszozszky 51'	C h P R U Wt Y	4	Ind. Inter	1	3-2	C-R	2-2.5	2	4	2	1	1	1	1	Susc
289230	Hungary	'Bones Bote'	C h P R U Wt Y	3	Ind. Inter	1	3-3	C-R	1.0-2.0	2	3	3	1	3-4	1	1	Susc
289231	Hungary	'Puskin'	C h P R U Wt Y	1	Det. Inter	1	2-2	C-R	1.0-1.5	2	3	3	1	3-4	1	1	Susc
289232	Hungary	'O.P. IX'	C h P r U Wt Y	5	Ind. Inter	1	1-5	C-R	0.5x1.0	5	5	3	1	2-4	1	1	Susc
289233	Hungary	'Det. cerasiforme'	C h P R U Wt Y	3	Ind. Inter	1	2-2	C-R	1.0-1.5	2	3	3	1	3-4	1	1	Susc
289235	Hungary	'Fanal'	C h P R U Wt Y	5	Ind. Inter	5	2-1	C-R	1.0-1.5	2	3	3	1	2	1	1	Susc
289237	Hungary	'Kecskemeti 22'	C h P R U Wt Y	3	Det. Inter	1	3-3	C-R	1.0-2.0	2	1	5	1	4-many	1	1	Susc
289238	Hungary	'Plovdiv 14'	C h P R U Wt Y	5	Ind. Inter	1	2-2	C-R	1.0-2.0	2	3	3	3	4-many	1	1	Susc
289239	Hungary	'Majak'	C h P R U Wt Y	4	Ind. Inter	1	2-2	C-R	1.0-1.5	2	3	3	1	2-3	1	1	Susc
289240	Hungary	'Fruhe Liebe'	C h P R U Wt Y	3	Ind. Inter	1	2-2	C-R	1.0-1.5	2	5	2	1	2-4	1	1	Susc
289244	Hungary	'Garfield Elnak'	C h P R U Wt Y	4	Ind. Inter	1	2-3	C-R	1.5-2.5	1	3	3	1	many	4	1	Susc
289246	Hungary	'Plovdiv 10'	C h P R U Wt Y	3	Ind. Inter	1	2-2	C-R	1.0-1.5	2	3	3	1	2-3	1	1	Susc
293352	Peru	'Haundo'	C h P R UuWt Y	3	Ind. Inter	3	3-3	C-R	2.5-3.0	2	4	3	2	many	1	1	Susc

DISCUSSION

In this general survey, it is difficult to find many accessions which possess specific characters with which a plant breeder may work exclusively. Rather, it is only possible to point out that certain accessions probably possess the character which may be needed. It is then incumbent upon the worker to determine by experimental trial the specific accession which possesses the desired character. Since many of the accessions were not homozygous when received for classification and evaluation and no attempt has been made to select for homozygosity, the research worker must isolate the desired character or characters in a homozygous condition. An exception to the above condition exists in the genetic stocks. With these stocks, efforts were made to keep them in the homozygous condition in which they were received. However, because of the large number of stocks handled it was not possible to hand self them. Thus an occasional off-type plant may be observed in these inbred recessive gene stocks. The male sterile and some unfruitful stocks must be maintained in a heterozygous condition and therefore segregate for the recessive male sterile character.

Since certain accessions appeared to be indistinguishable from one another, it was believed at first that many should be discarded. However, it was observed subsequently that even though certain accessions appear phenotypically alike, some possessed resistance to certain diseases when inoculated with disease-producing organisms and others did not (4). This has proven to be true with almost all groups of the genus *Lycopersicon*. Since one accession of the same species may be valuable for one character and another valuable for another character, all accessions have been maintained and their descriptions published without attempting to emphasize the value of any. The isolation of valuable accessions for horticultural characters can only be done by detailed studies for certain specific characters as is being done for disease resistance. Furthermore, gene requirements change because needs for new types of disease resistance continually arise. Thus, many of the accessions have been rescreened for new characters since the initiation of this project. It is reasonable to expect that this re-screening process will be carried on in the future.

Some workers have made notable advances in securing higher types of disease resistance by plant selection within segregating accessions. Notable suc-

cess, in this respect, was obtained by Gallegly and Marvel (12) for resistance to tomato late blight. Other instances of disease-resistant tomato segregates have been noted by Alexander and Hoover (4) and by Alexander (2). This success should stimulate other workers to try plant selection within accessions. However, plant selection should not be limited to disease resistance as it would appear just as likely that superior horticultural characters could be isolated.

The long-range objective of the intensive screening project for disease resistance is to eventually screen all accessions included in this publication as well as those subsequently collected. Many of the accessions included in Tables 5, 6, and 7 have been screened for resistance to 16 pathogenic diseases and 2 physiological diseases which seriously affect tomato production in North America (3). However, it seemed important to publish the results secured from the screening of wild species and certain small-fruited *Lycopersicon esculentum* types because resistance to several diseases was discovered. This was done (4). Several workers have since screened many accessions for new genes for disease resistance but these data have not been assembled. However, it is hoped that they will be assembled and the results published in the future.

The problem of collecting and evaluating tomato accessions will continue, even though the number of new accessions introduced each year is not great. It is expected that new interspecific hybrids will be added to the collection as they are made. This will be a valuable addition because one worker may make the cross for one purpose and another worker may find valuable genes in the same cross for his project.

To preserve the valuable germplasm of the old tested and tried varieties, they have been included in this study. It also has been deemed advisable to collect new varieties as they are released. The reason for including the latter, even though they may not survive the test of time, is that they probably contain certain valuable characters or they would not have been introduced as varieties.

The objective of this project is to bring together at one location as many tomato accessions as possible and to screen them in a preliminary manner. Thus duplication of work by many research workers is avoided. From the accessions described here, they can select those which appear most likely to serve their purposes.

SUMMARY

Twenty-six hundred and fifty-eight accessions of the genus *Lycopersicon* have been assembled. Parental breeding material and genetic stocks were included. There are 8 accessions of *Lycopersicon glandulosum*; 14 accessions of *L. hirsutum* including f. *glabratum*; 57 accessions of *L. peruvianum* including the variety *dentatum* and var. *humifusum* and 1 introduction of the orange-fruited *L. cheesmanii* f. *minor* from the Galapagos Islands; 71 accessions of the species *L. pimpinellifolium*; 150 accessions classified as either suspected or known crosses; 2242 accessions of the domestic species, *L. esculentum*, of which 441 are named varieties, 117 presumed commercial varieties, and 1684 ordinary types; and 138 genetic stocks, mostly of the species *L. esculentum* but a few of *L. pimpinellifolium*. This collection has been classified by species

reaction to two diseases and certain horticultural characters. Resistance to two diseases, tobacco mosaic virus and the leaf blight phase of early blight incited by *Alternaria solani*, was determined by artificial infection. The accessions were evaluated for the horticultural characters: leaf type and size, hairy stem, pubescent fruit, flesh color, uniform unripe fruit color, wilted leaflet, fruit skin color, type and amount of cracking, fruit size and shape, intensity of flesh color, fasciation, number of locules, fruiting ability, maturity, and vine characteristics, including size, growth, and habit.

Genetic stocks were multiplied. These stocks include gene marker lines, autodiploids, tetraploids, and male steriles.

Seed of these accessions has been multiplied and placed in storage at the North Central Regional Plant Introduction Station at Ames, Iowa.

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Table 9 - Tomato Accessions in Numerical Sequence Showing Source, Collector or Donor, and Table Assignment.

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
65023	Balearics	USDA Fairchild, Armour Expedition	8b	37	97321	Mexico	USDA MacMillan & Erlanson No. 1	8b	38
79532	Peru	A.E.S., Lima; Collected near Trujillo	6	17	97538	Argentina	Schultz, Tucuman Exp. Sta.	8b	38
			4a	9	98097	Cuba	USDA T. A. Fennell 'Rinon'	8a	24
91458	Scotland	Primrose Gage. Southern India 5-8,000' elev.	8a	24	99782	Peru	USDA MacMillan & Erlanson No. 233 10,000' elev.	8b	38
91907	Bulgaria	USDA Dickson No. 442	8a	24	100697	Peru	USDA MacMillan & Erlanson No. 321 11,000' elev.	8b	38
91908	Bulgaria	No. 443	8b	37					
91909	Bulgaria	No. 444	8b	37	102713	USSR	'Tshudorynka'	8a	24
91911	Bulgaria	No. 446	8b	37	102714	USSR	Inst. of Plant Ind., Leningrad No. 924	8b	38
91912	Bulgaria	No. 447	8b	37	102715	USSR	No. 926	8b	38
91913	Bulgaria	No. 448	8b	37	102716	USSR	No. 927	8b	38
91914	Bulgaria	No. 449	8b	37	102717	USSR	No. 930	8b	38
91916	Bulgaria	No. 451	8b	37	102719	USSR	No. 932	8b	38
91917	Bulgaria	No. 452	8b	37	102720	USSR	No. 942	8b	38
91918	Bulgaria	No. 453	8a	24	102721	USSR	No. 975	8b	38
91919	Bulgaria	No. 454	8b	37	102722	USSR	No. 976	8b	38
92356	Mexico	USDA Erlanson & Souviron No. 80	8b	37	102724	USSR	No. 978	8b	38
92853	China	USDA Dorsett & Morse No. 6804, Bot. Garden, Peiping	8b	37	102725	USSR	No. 979	8b	38
92854	China	No. 6805	8b	37	102884	China	Hopeh Province No. 10	8b	38
92855	China	No. 6806	8b	37	102885	China	No. 11	8b	38
92856	China	No. 6807	8b	37	102886	China	No. 12	8b	38
92857	China	No. 6808	8b	37	103055	China	Purchased in Peiping No. 4	8b	38
92858	China	No. 6809	8b	37	105225	Australia	Queensland	8b	38
92859	China	No. 6810	8b	37	105266	Turkey	Merzifon Area	8b	38
92860	China	No. 6811	8b	37	105267	Turkey	Merzifon Area	8b	38
92861	China	No. 6812	8b	37	105342	China	Collected west of Peiping	8b	38
92862	China	No. 6813	8b	37	106997	British Guiana	USDA W. A. Archer 'Creole'	8a	24
92863	Manchuria	No. 6869, Darien, Manchuria	8b	37	108244	Germany	Tobacco Research Inst.	8b	38
92864	China	No. 6883, E. Market, Peiping	8b	37	108245	Germany	Tobacco Research Inst.	7b	20
92865	China	No. 6884	8b	37	108246	Germany	Tobacco Research Inst.	8b	38
92866	China	No. 6885	8b	37	109112	Turkey	USDA Westover & Enlow T-38	8b	38
93302	China	No. 6920	8b	37	109113	Turkey	T-181	8a	24
		Methodist Epicopal Mission, Changli, Chilhli Prov.			109315	Turkey	T-356	8a	24
95583	Manchuria	No. 1 Presented by M. Chara	8b	37	109316	Turkey	T-280	8b	38
95584	Manchuria	No. 2	8b	37	109512	Turkey	T-529	8b	38
95585	Manchuria	No. 3	8b	37	109513	Turkey	T-409	8b	38
95586	Manchuria	No. 4	8b	37	109514	Turkey	T-473	8a	24
95587	Manchuria	No. 5	8b	37	109831	Morocco	Exp. Sta., Marakech 'De Marmande'	8a	24
95588	Manchuria	No. 6	8b	37	109832	Morocco	Exp. Sta., Marakech 'Des Allies'	8a	24
95589	Manchuria	No. 7	8b	37	109833	Morocco	Exp. Sta., Marakech 'Joffre'	8a	24
95590	Manchuria	No. 8	8b	37	109834	Morocco	Exp. Sta., Marakech 'Merville des Marches'	8a	24
95591	Manchuria	No. 9	8a	24	109835	Morocco	Exp. Sta., Marakech 'Pierrette'	8a	24
95592	Manchuria	No. 10	8b	37	109836	Morocco	Exp. Sta., Marakech 'Precoce des Halles'	8a	24

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
109837	Morocco	Exp. Sta., Marakech 'Premiere'	8a	24	117899	Brazil	USDA W. A. Archer, No. 3552	8b	39
109838	Morocco	Exp. Sta., Marakech 'Profusion'	8a	24			(W. Va. No. 155)		
110595	England	Cambridge U. Botanic Garden	6	17	117900	Brazil	No. 3580	8b	39
110596	England	Cambridge U. Botanic Garden	8b	38	118324	Brazil	No. 3806A	8b	39
110597	England	Cambridge U. Botanic Garden	8b	38	118325	Brazil	No. 3807A	8b	39
110946	Colombia	USDA W. A. Archer Ovita	8a	24	118326	Brazil	No. 3808A	8b	39
111406	Panama	Dept. of Agr. and Ind. 'Mercado'	8a	24	118327	Brazil	No. 3840	8b	39
111407	Panama	Dept. of Agr. and Ind. 'Monte Oscuro'	8a	24	118328	Brazil	USDA W. A. Archer	8a	25
111408	Panama	Dept. of Agr. and Ind. 'Pacora'	8a	24	118403	Venezuela	USDA R. Stadelman	7b	20
111409	Panama	Dept. of Agr. and Ind. 'Sona'	8a	24	118404	Venezuela	USDA R. Stadelman	8b	39
112215	Ecuador	USDA Mrs. Ynes Mexia	6	17	118405	Venezuela	USDA R. Stadelman	7b	20
112835	Guatemala	USDA J. H. Kempton	7b	20	118406	Venezuela	USDA R. Stadelman	8b	39
113516	Egypt	Ministry of Agr., Giza	8a	24	118407	Venezuela	USDA R. Stadelman (W. Va. No. 823)	7b	20
114034	Iraq	Dir. of Agr., Baghdad	8b	38	118408	Venezuela	USDA R. Stadelman	8b	39
114038	Honduras	USDA W. A. Archer	7b	20	118409	Venezuela	USDA R. Stadelman	7b	20
114490	England	Dir. Royal Botanic Gardens, Kew	8b	38	118611	India	USDA W. Koelz No. 1006 Kashmir	8b	39
114611	Czech.	Dir. Botanic Garden, Tabor	8b	38	118685	Brazil	USDA W. A. Archer No. 4003	8b	39
114965	Ceylon	USDA W. Koelz No. 75	8b	38	118686	Brazil	USDA W. A. Archer	8a	25
114966	Egypt	Suez Market No. 121	8b	38	118778	Brazil	USDA W. A. Archer No. 4070	8b	39
114967	India	W. Va. No. 820	7b	20	118782	Venezuela	USDA R. Stadelman No. 1	8b	39
114968	India	Mysore No. 207	8b	38	118783	Venezuela	No. 2	8b	39
114969	India	No. 237	8b	38	118784	Brazil	No. 3	7b	20
115201	USSR	Botanic Garden, Sama No. 634	8a	24	118785	Venezuela	No. 4	8b	39
		'First Early'			118786	Venezuela	No. 5	7b	20
115219	USSR	No. 546Q 'Reine des Hatives'	8a	24	118787	Venezuela	No. 6	8b	39
115599	Turkey	USDA Westover & Enlow No. 5	8a	24	118788	Venezuela	No. 7	8b	39
115601	Turkey	USDA Westover & Wellman No. 80	8b	39	118789	Venezuela	No. 8	8b	39
115872	USSR	Inst. of Plant Ind., Leningrad	8a	24	118790	Venezuela	No. 9	8b	39
		'Chudo Rinka'			119104	Brazil	USDA W. A. Archer 'Perfecto'	7b	20
116047	India	USDA W. Koelz No. 467	8b	39	119105	Brazil	USDA W. A. Archer No. 4313	8b	39
116219	Morocco	Director Cent. Res. Sta., Rabat	8b	39	119214	Venezuela	USDA R. Stadelman	7b	20
116526	India	USDA W. Koelz, United Provinces	8a	25	119215	Venezuela	USDA R. Stadelman	8b	39
116954	India	USDA W. Koelz No. 895	8b	39	119446	Venezuela	USDA R. Stadelman	8b	39
117222	Turkey	USDA Westover & Wellman No. 110	8b	39	119776	Argentina	USDA W. A. Archer No. 4511	8b	39
117563	Brazil	USDA W. A. Archer, No. 3464	8b	39	119777	Argentina	No. 4512	8b	39
117564	Brazil	No. 3472	8b	39	119778	Argentina	No. 4513	8b	39
117565	Brazil	No. 3490	8b	39	120253	Turkey	'Colorado Grueso'		
117566	Brazil	No. 3489	8b	39			USDA Westover & Wellman No. 526	8b	39
117567	Brazil	No. 3491	8b	39	120254	Turkey	No. 588	8b	39
117897	Brazil	No. 3543	8b	39	120256	Turkey	No. 1543	8b	39
		(W. Va. No. 153)			120257	Turkey	No. 1689	8b	39
117898	Brazil	No. 3544	8b	39	120258	Turkey	No. 1836	8b	39
		(W. Va. No. 154)			120259	Turkey	No. 2027	8b	39
					120260	Turkey	No. 2133	8b	40

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
120261	Turkey	USDA Westover & Wellman No. 2221	8b	40	124161	Guatemala	USDA R. Stadelman	8b	41
120262	Turkey	No. 2255	8b	40	124162	Guatemala	USDA R. Stadelman	8b	41
120263	Turkey	No. 2374	8b	40	124163	Guatemala	USDA R. Stadelman	8b	41
120264	Turkey	No. 2532	8b	40	124165	Venezuela	USDA R. Stadelman 'Cirollo'	8b	41
120265	Turkey	No. 2595	8b	40	124235	India	USDA W. Koelz No. 2609	8b	41
120266	Turkey	No. 2718	8b	40	124473	India	USDA W. Koelz No. 2785	8b	41
120267	Turkey	No. 2740	8b	40	124474	India	No. 2815	8b	41
120268	Turkey	No. 2743	8b	40	124581	India	No. 2796	8b	41
120269	Turkey	No. 2888	8b	40	124582	India	No. 2797	8b	41
120270	Turkey	No. 2906	8b	40	125830	Afghanistan	No. 3341	8b	41
120271	Turkey	No. 3003	8b	40	125831	Afghanistan	No. 3512	8b	41
120272	Turkey	No. 3053	8b	40	126407	Panama	USDA H. L. Blood No. 1	8b	41
120273	Turkey	No. 3083	8b	40	126408	Panama	No. 2	8b	41
120274	Turkey	No. 3133	8b	40	126409	Peru	No. 33	8b	41
120275	Turkey	No. 3172	8b	40			(W. Va. No. 606)		
120276	Turkey	No. 3211	8b	40	126410	Peru	No. 39B	8b	41
120277	Turkey	No. 3254	8b	40	126411	Peru	No. 39C	8b	41
120278	Turkey	No. 3283	8b	40	126412	Peru	No. 44	8b	41
121345	India	USDA W. Koelz No. 1865	8b	40	126413	Peru	No. 46	8b	41
121436	India	No. 2115	8b	40	126414	Peru	No. 47	8b	41
121437	India	No. 1918	8b	40	126415	Peru	No. 48	8b	41
121438	India	No. 1148	8b	40	126416	Peru	No. 49	8b	41
121662	Canada	Cent. Exp. Farm, Ottawa 'Abel'	8a	25	126417	Peru	No. 50	8b	41
121663	Canada	Cent. Exp. Farm, Ottawa 'Alacrity'	8a	25	126418	Peru	No. 52	8b	41
121664	Canada	Cent. Exp. Farm, Ottawa 'Bestal'	8a	25	126419	Peru	No. 53	8b	41
121665	Canada	Cent. Exp. Farm, Ottawa 'Globonnie'	8a	25	126420	Peru	No. 55	8b	41
121666	Canada	Cent. Exp. Farm, Ottawa 'Herald'	8a	25	126421	Peru	No. 56	8b	41
121667	Canada	Cent. Exp. Farm, Ottawa 'Pink'	8a	25	126422	Peru	No. 57	8b	41
123433	Morocco	Exp. Sta., Marakech 'Aurore'	8a	25	126423	Peru	No. 59	8b	41
123434	Morocco	Exp. Sta., Marakech 'Hatif de Cologne'	8a	25	126424	Peru	No. 60	8b	41
123435	Morocco	Exp. Sta., Marakech 'Gloria de Mordin'	8a	25	126425	Peru	No. 62	8b	41
123436	Morocco	Exp. Sta., Marakech 'Reine de Reives'	8a	25	126426	Peru	No. 68	8b	41
123437	Morocco	Exp. Sta., Marakech 'Potager de Viljoule'	8a	25	126427	Peru	No. 32	8b	41
123438	Morocco	Exp. Sta., Marakech 'Sans Parcille'	8a	25	126428	Peru	No. 61	8b	41
123538	India	USDA W. Koelz No. 2396	8b	40	126429	Peru	No. 39A	8b	41
124034	Peru	USDA L. C. Corbett	8b	40	126430	Peru	No. 8	6	17
124035	Peru	USDA L. C. Corbett	8b	40	126431	Peru	No. 5	5d	15
124036	Argentina	USDA L. C. Corbett	8b	40	126432	Peru	No. 6	6	17
124037	Chile	USDA L. C. Corbett	8b	40	126433	Peru	No. 7	6	17
124038	Peru	USDA L. C. Corbett	8b	40	126434	Peru	No. 30	5a	14
124039	Peru	USDA L. C. Corbett	6	17	126436	Peru	No. 9	6	17
124132	India	USDA W. Koelz No. 2504	7b	20	126437	Peru	No. 10	7b	20
124133	India	USDA W. Koelz No. 2559	8b	40	126440	Peru	No. 16	5a	14

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
126441	Peru	USDA H. L. Blood No. 17	5d	15	126941	Peru	USDA H. L. Blood No. 102	6	17
126443	Peru	No. 19	5a	14	126942	Peru	No. 70	8b	42
126444	Peru	No. 20	5a	14	126943	Peru	No. 97	7b	20
126445	Peru	No. 21	5b	14	126944	Peru	No. 98	5d	15
126446	Peru	No. 22	5b	14	126945	Peru	No. 99	5d	15
126448	Peru	No. 24	5a	14	126946	Peru	No. 100	5d	15
126449	Peru	No. 26	5c	14	126947	Peru	No. 114	6	17
126451	Peru	No. 43	8b	41	126948	Peru	No. 115	7b	20
126452	Peru	No. 45	8b	41	126949	Peru	No. 75	6	17
126905	Peru	No. 72	7b	20	126950	Peru	No. 120	8b	42
126906	Peru	No. 73	8b	41	126951	Peru	No. 123	7b	20
126907	Peru	No. 109	8b	41	126952	Peru	No. 124	6	17
126908	Peru	No. 110	8b	41	126953	Peru	No. 127	6	17
126909	Peru	No. 104	8b	41	126954	Peru	No. 128	6	17
126910	Peru	No. 116	8b	41	126955	Peru	No. 149	8b	42
126911	Peru	No. 117	8b	41	127467	Afghanistan	USDA W. Koelz No. 4107	8b	42
126912	Peru	No. 119	7b	20	127468	Afghanistan	No. 4111	8b	42
126913	Peru	No. 121	8b	41	127794	Peru	USDA H. L. Blood No. 154	8b	42
126914	Peru	No. 122	8b	41	127795	Peru	No. 155	8b	42
126915	Peru	No. 125	7b	20	127796	Peru	No. 155-A	8b	42
126916	Peru	No. 126	8b	41	127797	Peru	No. 156	8b	42
126917	Peru	No. 134	8b	41	127798	Peru	No. 157	8b	42
126918	Peru	No. 150	8b	41	127799	Peru	No. 158	7b	20
126919	Peru	No. 151	8b	41	127800	Peru	No. 159	8b	42
126920	Peru	No. 153	8b	41	127801	Peru	No. 160	8b	42
126921	Peru	No. 101	8b	41	127802	Peru	No. 163	8a	25
126922	Peru	No. 152	8b	42	127803	Peru	No. 164	8b	42
126923	Peru	No. 118	7b	20	127804	Peru	No. 165	8b	42
126924	Peru	No. 76	6	17	127805	Peru	No. 180	6	17
126925	Peru	No. 82	6	17	127806	Peru	No. 181	6	17
126926	Peru	No. 83	5d	15	127807	Peru	No. 182	6	17
126927	Peru	No. 84	6	17	127808	Peru	No. 190	8a	25
126928	Peru	No. 85	5d	15	127810	Peru	No. 198	8b	42
126929	Peru	No. 86	5d	15	127811	Peru	No. 199	8b	42
126930	Peru	No. 88	5d	15	127812	Peru	No. 200	8b	42
126931	Peru	No. 93	6	17	127813	Peru	No. 201	8b	42
126932	Peru	No. 94	6	17	127814	Peru	No. 202	8b	42
126933	Peru	No. 95	6	17	127815	Peru	No. 219	8b	42
126934	Peru	No. 108	6	17	127816	Peru	No. 220	8b	42
126935	Peru	No. 111	5d	15	127817	Peru	No. 221	8b	42
126937	Peru	No. 107	6	17	127818	Peru	No. 222	8b	42
126938	Peru	No. 106	6	17	127819	Bolivia	No. 232	8b	42
126939	Peru	No. 105	6	17	127820	Bolivia	No. 233	8b	42
126940	Peru	No. 103	6	17	127821	Bolivia	No. 234	8b	42

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
127822	Bolivia	USDA H. L. Blood No. 235	8b	42	128244	Bolivia	USDA H. L. Blood No. 280	8b	43
127823	Bolivia	No. 243	8b	42	128245	Bolivia	No. 281	8b	43
127824	Bolivia	No. 244	8b	42	128246	Bolivia	No. 282	8b	43
127825	Bolivia	No. 184	8b	42	128247	Bolivia	No. 283	8b	43
127826	Peru	No. 135	5b	14	128248	Bolivia	No. 284	8b	43
127827	Peru	No. 136	5b	14	128249	Bolivia	No. 285	8b	43
127828	Peru	No. 141	5e	16	128250	Bolivia	No. 295	8b	43
127829	Peru	No. 142	5e	16	128251	Bolivia	No. 296	8b	43
127830	Peru	No. 161	5d	15	128252	Bolivia	No. 297	8b	43
127831	Peru	No. 168	5d	15	128253	Bolivia	No. 300	8b	43
127832	Peru	No. 169	5d	15	128254	Bolivia	No. 301	8b	43
127833	Peru	No. 179	6	17	128255	Bolivia	No. 303	8b	43
128174	Guatemala	USDA R. Stadelman No. 18 7500' elev.	8b	42	128256	Bolivia	No. 307	8b	43
128194	Mexico	Jesus Acuna Ordaz	7b	20	128257	Bolivia	No. 304	8b	43
128214	Argentina	USDA H. L. Blood No. 339	8a	25	128258	Bolivia	No. 305	8b	43
128215	Bolivia	No. 228	8b	42	128259	Bolivia	No. 306	8b	43
128216	Bolivia	No. 239	8b	42	128260	Bolivia	No. 308	8b	43
128217	Bolivia	No. 246	8b	42	128261	Bolivia	No. 309	8b	43
128218	Bolivia	No. 247	8b	42	128262	Bolivia	No. 310	8b	43
128219	Bolivia	No. 248	8b	42	128263	Bolivia	No. 311	8b	43
128220	Bolivia	No. 249	8b	42	128264	Bolivia	No. 312	8b	43
129221	Bolivia	No. 250	8b	42	128265	Bolivia	No. 313	8b	43
128222	Bolivia	No. 251	8b	42	128266	Bolivia	No. 314	8b	43
128223	Bolivia	No. 253	8b	42	128267	Bolivia	No. 315	8b	43
128224	Bolivia	No. 256	8b	42	128268	Bolivia	No. 316	8b	43
128225	Bolivia	No. 257	8b	42	128269	Bolivia	No. 317	8b	43
128226	Bolivia	No. 258	8b	42	128270	Bolivia	No. 318	8b	43
128227	Bolivia	No. 259	8b	42	128271	Bolivia	No. 319	8b	43
128228	Bolivia	No. 260	8b	42	128272	Argentina	No. 327	8b	43
128229	Bolivia	No. 261	8b	42	128273	Argentina	No. 328	8b	43
128230	Bolivia	No. 265	8b	42	128274	Argentina	No. 335	8b	43
128231	Bolivia	No. 266	8b	42	128275	Argentina	No. 336	8b	43
128232	Bolivia	No. 267	8b	42	128276	Argentina	No. 337	8b	43
128233	Bolivia	No. 268	8b	43	128277	Argentina	No. 340	8b	43
128234	Bolivia	No. 269	8b	43	128278	Argentina	No. 341	8b	43
128235	Bolivia	No. 270	8b	43	128279	Argentina	No. 342	8b	43
128236	Bolivia	No. 271	8b	43	128280	Argentina	No. 343	8b	43
128237	Bolivia	No. 272	8b	43	128281	Argentina	No. 344	8b	43
128238	Bolivia	No. 274	8b	43	128282	Argentina	No. 345	8b	43
128239	Bolivia	No. 275	8b	43	128283	Argentina	No. 346	8b	44
128240	Bolivia	No. 276	8b	43	128285	Argentina	No. 349	8a	25
128241	Bolivia	No. 277	8b	43	128286	Argentina	No. 350	8b	44
128242	Bolivia	No. 278	8b	43	128287	Argentina	No. 351	8a	25
128243	Bolivia	No. 279	8b	43	128288	Argentina	No. 352	8a	25

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
128289	Argentina	USDA H. L. Blood No. 353	8a	25	128619	Chile	USDA H. L. Blood No. 502	8b	44
128291	Argentina	No. 384	8a	25	128620	Chile	No. 503	8b	44
128292	Argentinian	No. 385	8a	25	128621	Chile	No. 504	8b	44
128293	Argentina	No. 386	8a	25	128623	Chile	No. 506	8b	44
128294	Argentina	No. 383	8b	44	128624	Chile	No. 507	8b	44
128338	Canada	McFayden Seed Co., Winnipeg 'Harkness'	8a	25	128625	Peru	No. 520	8b	44
128445	Argentina	USDA H. L. Blood No. 388	8b	44	128626	Peru	No. 521	8b	44
128446	Chile	No. 391	8b	44	128627	Peru	No. 522	8b	44
128447	Chile	No. 400	8b	44	128628	Peru	No. 523	8b	44
128448	Chile	No. 401	8a	25	128629	Peru	No. 524	8b	44
128449	Chile	No. 402	8a	25	128630	Peru	No. 525	8b	44
128586	Chile	No. 422	8a	25	128631	Peru	No. 526	8b	44
128587	Chile	No. 423	8a	25	128632	Peru	No. 527	8b	44
128588	Chile	No. 424	8b	44	128633	Peru	No. 528	8b	44
128589	Chile	No. 437	8a	25	128634	Peru	No. 529	8b	44
128590	Chile	No. 438	8b	44	128635	Peru	No. 530	8b	44
128591	Chile	No. 439	8a	25	128636	Peru	No. 531	8b	44
128592	Chile	No. 440	8a	25	128637	Peru	No. 532	8b	44
128593	Chile	No. 441	8b	44	128638	Peru	No. 533	8b	44
128594	Chile	No. 442	8b	44	128639	Peru	No. 534	7b	20
128595	Chile	No. 433	8b	44	128640	Peru	No. 542	8b	44
128596	Chile	No. 448	8b	44	128641	Peru	No. 543	8b	44
128597	Chile	No. 449	8a	25	128642	Peru	No. 544	8b	44
128598	Chile	No. 449A	8b	44	128643	Peru	No. 545	5d	15
128599	Chile	No. 450	8b	44	128645	Chile	No. 475	5d	15
128600	Chile	No. 451	8b	44	128646	Chile	No. 476	5d	15
128601	Chile	No. 452	8b	44	128647	Chile	No. 477	5d	15
128602	Chile	No. 453	8a	25	128648	Chile	No. 478	5d	15
128603	Chile	No. 454	8b	44	128649	Chile	No. 479	5d	15
128604	Chile	No. 455	8b	44	128650	Chile	No. 480	5d	15
128605	Chile	No. 456	8a	25	128651	Chile	No. 481	5d	15
128606	Chile	No. 457	8a	25	128652	Chile	No. 482	5d	15
128607	Chile	No. 458	8b	44	128653	Chile	No. 483	5d	15
128608	Chile	No. 460	8b	44	128654	Chile	No. 484	5d	15
128609	Chile	No. 461	8a	25	128655	Chile	No. 485	5d	15
128610	Chile	No. 462	8a	25	128656	Chile	No. 486, 487	5d	15
128611	Chile	No. 463	8b	44	128657	Peru	No. 508	5d	15
128613	Chile	No. 467	8b	44	128659	Peru	No. 509	5d	15
128614	Chile	No. 468	8b	44	128660	Peru	No. 511	5d	15
128615	Chile	No. 469	8b	44	128661	Peru	No. 512	5d	15
128616	Chile	No. 470	8b	44	128663	Peru	No. 514	5d	15
128617	Chile	No. 471	8b	44	128664	Peru	No. 549	7b	20
128618	Chile	No. 501	8b	44	128884	France	'de Marmande'	8a	25

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
128885	France	'Mikado Ecarlate'	8a	25	129056	Ecuador	USDA H. L. Blood No. 657	8b	45
128886	France	'Mervellie des Marches'	8a	25	129057	Ecuador	No. 658	8b	45
128887	France	'Perfection'	8a	25	129058	Colombia	No. 661	8b	45
128888	France	'Reine des Hatives'	8a	25	129059	Colombia	No. 662	8b	45
128889	France	'Roi Humbert'	8a	25	129060	Colombia	No. 663	8b	45
128890	France	'Rouge Grosse'	8a	25	129061	Colombia	No. 664	8b	45
128990	Argentina	USDA H. L. Blood 'San Marzano'	8b	45	129062	Colombia	No. 671	7b	20
129018	Peru	USDA H. L. Blood No. 546	8b	45	129063	Colombia	No. 673	8b	45
129019	Peru	No. 547	8b	45	129065	Colombia	No. 675	8b	45
129021	Ecuador	No. 564	7b	20	129066	Colombia	No. 676	8b	45
129022	Ecuador	No. 571	7b	20	129067	Colombia	No. 677	8b	45
129024	Ecuador	No. 573	7b	20	129068	Colombia	No. 678	8b	45
129025	Ecuador	No. 574	8b	45	129069	Colombia	No. 679	8b	45
129026	Ecuador	No. 575	8b	45	129070	Colombia	No. 680	8b	45
129027	Ecuador	No. 593	7b	20	129071	Colombia	No. 681	8b	45
129028	Ecuador	No. 594	7b	20	129072	Colombia	No. 682	8b	45
129029	Ecuador	No. 605	8b	45	129073	Colombia	No. 683	8b	45
129030	Ecuador	No. 606	7b	20	129074	Colombia	No. 688	7b	20
129031	Ecuador	No. 607	8b	45	129075	Colombia	No. 696	8b	45
129032	Ecuador	No. 608	8b	45	129076	Colombia	No. 697	8b	45
129033	Ecuador	No. 609	8b	45	129077	Colombia	No. 698	8b	45
129034	Ecuador	No. 610	8b	45	129078	Colombia	No. 699	8b	45
129035	Ecuador	No. 611	8b	45	129079	Colombia	No. 700	8b	46
129036	Ecuador	No. 612	8b	45	129080	Colombia	No. 701	8b	46
129037	Ecuador	No. 613	8b	45	129081	Colombia	No. 702	8b	46
129038	Ecuador	No. 614	8b	45	129082	Colombia	No. 703	8b	46
129039	Ecuador	No. 615	8b	45	129083	Colombia	No. 704	8b	46
129040	Ecuador	No. 616	8b	45	129084	Colombia	No. 705	8b	46
129041	Ecuador	No. 617	8b	45	129085	Colombia	No. 706	8b	46
129042	Ecuador	No. 639	8b	45	129086	Colombia	No. 707	8b	46
129043	Ecuador	No. 640	8a	25	129087	Colombia	No. 708	8b	46
129044	Ecuador	No. 641	8b	45	129088	Colombia	No. 709	8b	46
129045	Ecuador	No. 642	8b	45	129089	Colombia	No. 710	7b	20
129046	Ecuador	No. 643	8b	45	129090	Colombia	No. 711	7b	20
129047	Ecuador	No. 644	8b	45	129091	Colombia	No. 712	8b	46
129048	Ecuador	No. 645	8b	45	129092	Colombia	No. 715	8b	46
129049	Ecuador	No. 646	8b	45	129093	Colombia	No. 716	8b	46
129050	Ecuador	No. 647	8b	45	129094	Colombia	No. 717	8b	46
129051	Ecuador	No. 649	8b	45	129095	Colombia	No. 718	8b	46
129052	Ecuador	No. 650	8b	45	129096	Colombia	No. 719	8b	46
129053	Ecuador	No. 654	8b	45	129097	Colombia	No. 720	8b	46
129054	Ecuador	No. 655	8b	45	129098	Colombia	No. 721	8b	46
129055	Ecuador	No. 656	8b	45	129099	Colombia	No. 722	8b	46

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
129100	Colombia	USDA H. L. Blood No. 723	8b	46	129142	Ecuador	USDA H. L. Blood No. 771	8b	46
129101	Colombia	724	8b	46	129143	Peru	548	7b	20
129102	Colombia	725	8b	46	129145	Peru	537	5d	15
129103	Colombia	726	8b	46	129146	Peru	539	5d	15
129104	Colombia	727	8b	46	129148	Ecuador	563	7b	20
129105	Colombia	728	7b	20	129149	Ecuador	579	5d	15
129106	Colombia	729	8b	46	129152	Ecuador	582	5d	15
129107	Colombia	730	8b	46	129154	Ecuador	589	7b	20
129108	Colombia	731	7b	20	129155	Ecuador	591	7b	20
129109	Colombia	732	8b	46	129156	Ecuador	604	7b	20
129110	Colombia	733	7b	20	129157	Ecuador	648	5c	14
129111	Colombia	734	8b	46	129686	Ecuador	USDA H. L. Blood thru Amer. Cons.	7b	20
129112	Colombia	735	7b	20			Gen., Guayaquil		
129113	Colombia	736	8a	26	129687	Argentina	USDA H. L. Blood No. 777 var. 'Campana'	8b	46
129114	Colombia	737	8b	46	129688	Argentina	No. 773 'Ciro'	8b	47
129115	Colombia	738	8b	46	129689	Argentina	No. 772 'Las Talas'	8b	47
129116	Colombia	739	7b	20	129690	Argentina	No. 774 'Palo Blanco'	8a	26
129117	Colombia	740	8b	46	129691	Argentina	No. 775 'Sino'	8b	47
129118	Colombia	741	8b	46	129692	Argentina	No. 776 'Vasela'	8b	47
129119	Colombia	742	8b	46	129693	Peru	U. of Cuzco, Botany No. 1014	8b	47
129120	Colombia	743	8b	46	129879	Peru	American Embassy, Lima	8b	47
129121	Colombia	744	7b	20	129880	Peru	American Embassy, Lima	8b	47
129122	Colombia	745	8b	46	129881	Peru	American Embassy, Lima	8b	47
129123	Colombia	746	8b	46	129882	Peru	American Embassy, Lima	8b	47
129124	Colombia	749	8b	46	131877	Argentina	Swift & Co. 'Campana'	8b	47
129125	Colombia	750	8b	46	131878	Argentina	Swift & Co. 'Los Talas'	8b	47
129126	Panama	751	8a	26	131879	Argentina	Swift & Co. 'Palo Blanco'	8a	26
129127	Panama	752	8b	46			Collector P. E. Yatman		
129128	Panama	753	8b	46	131880	Argentina	Swift & Co. 'Rey Humberto'	8b	47
129129	Panama	754	8b	46	131881	Argentina	Swift & Co. 'San Marzano'	8b	47
129130	Panama	755	8b	46	131882	Argentina	Swift & Co. 'Varela'	8b	47
129131	Panama	756	8b	46	133542	Ecuador	Dyott to Amer. Cons.	6	17
129132	Argentina	759	8a	26			Gen., Guayaquil		
129133	Argentina	760	8a	26	134207	India	USDA W. Koelz No. 4417	8b	47
129134	Argentina	761	8b	46	134208	India	No. 4432	8b	47
129135	Argentina	762	7b	20	134417	Ecuador	Dyott thru Amer. Cons., Guayaquil	5c	14
129136	Argentina	763	8b	46	134418	Ecuador	Dyott thru Amer. Cons., Guayaquil	5c	14
		'Buenos Aires Market'			135022	Colombia	Jaime Villegas D, Calif.	7b	20
129137	Argentina	764	8b	46	135842	Afghanistan	USDA W. Koelz No. 4627	7b	20
129138	Argentina	765	8a	26	135843	Afghanistan	No. 4700	8b	47
129139	Argentina	766	8a	26	135844	Afghanistan	No. 4933	8b	47
129140	Argentina	767	8b	46	135906	India	No. 4470	8b	47
129141	Colombia	770	8b	46	135907	Baluchistan	No. 5079	8b	47

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
135908	Baluchistan	USDA W. Koelz No. 5080	8b	47	142697	Mexico	USDA F. W. McBryde	8b	48
135909	Baluchistan	No. 5140 5000' elev.	8a	26	142698	Mexico	USDA F. W. McBryde	8b	48
136450	Canada	McFayden Seed Co., Winnipeg 'Del Pais'	8b	47	142699	Mexico	USDA F. W. McBryde	8b	48
136451	Canada	'Egyptian'	8b	47	142700	Mexico	USDA F. W. McBryde	8a	26
136452	Canada	'No. 13'	8b	47	142874	Iran	USDA W. Koelz No. 7358	8b	48
136475	New Zealand	USDA Carl Taylor	8a	26	142875	Iran	No. 7426	8b	48
138617	Iran	USDA W. Koelz No. 5309	8b	47	142876	Iran	No. 7550	8b	48
138618	Iran	No. 5331	8b	47	142877	Iran	No. 7629	8b	48
138620	Iran	No. 5422	8b	47	142878	Iran	No. 7724	8b	48
138621	Iran	No. 5435	8b	47	142879	Iran	No. 7789	8b	48
138622	Iran	No. 5476	8b	47	142880	Iran	No. 7846	8b	48
138624	Iran	No. 5594	8b	47	142881	Iran	No. 7883	8b	48
138625	Iran	No. 5654	8b	47	142882	Iran	No. 7962	8b	48
138627	Iran	No. 5687	8b	47	143522	Peru	USDA B. Y. Morrison	6	17
138628	Iran	No. 5716	8b	47	143523	Peru	USDA B. Y. Morrison	8b	48
138629	Iran	No. 5788	8b	47	143524	Peru	USDA B. Y. Morrison	6	17
138630	Iran	No. 5839	8b	47	143527	Peru	USDA B. Y. Morrison	6	17
140050	Brazil	USDA W. R. Schreiber	8a	26	143679	Ecuador	USDA W. R. Schreiber, No. 1	5d	15
140051	Brazil		8b	47			Province of Nanabi		
140052	Brazil	'Rei Humberto'	8b	47	143680	Ecuador	USDA W. R. Schreiber	7b	21
140160	Afghanistan	Wilbur Harlan	8b	47	144679	Iran	USDA W. Koelz No. 8146	8b	48
140403	Iran	USDA W. Koelz No. 5930	8b	47	144680	Iran	No. 8150	8b	48
140404	Iran	No. 6060	8b	47	146083	Iran	No. 8165	8a	26
140405	Iran	No. 6197	8b	47	146084	Iran	No. 8166	8b	48
140406	Iran	No. 6378	8b	47	146085	Iran	No. 8186	8b	48
140407	Iran	No. 6397	8b	47	146086	Iran	No. 8190	8b	48
140408	Iran	No. 6412	8b	47	146087	Iran	No. 8256	8b	48
140409	Iran	No. 6415	8b	47	146088	Iran	No. 8257 'Tokyo'	8b	48
140410	Iran	No. 6450	8b	47	146089	Iran	No. 8258 'Egyptian'	7b	21
140411	Iran	No. 6605	8b	47	146090	Iran	No. 8259	8a	26
140412	Iran	No. 6609	8b	47	146091	Iran	No. 8260	8b	48
140413	Iran	No. 6639	8b	47	146092	Iran	No. 8261 'Yellow Lemon'	8b	48
140414	Iran	No. 6768	8b	47	146093	Iran	No. 8262 'Kabobi'	8b	48
140415	Iran	No. 6788	8b	48	146094	Iran	No. 8263 'Round Lemon'	8b	48
140416	Iran	No. 6831	8b	48	146129	Brazil	State Dept., Rio de Janeiro 'Paulista'	8a	26
140417	Iran	No. 6843	8a	26	147282	Tasmania	Spencer Howe, Keokuk, Iowa, thru T. E. Martin, 1943	8a	26
140418	Iran	No. 6857	8b	48					
140419	Iran	No. 6990	8b	48	147609	Brazil	J. T. Baldwin, Jr. 'Mato Grosso'	7b	21
140420	Iran	No. 7055	8b	48	147635	Ecuador	Dir. Gen. of Agr., Quito	7b	21
140421	Iran	No. 7126	8b	48	148654	Iran	USDA W. Koelz No. 8279	8b	48
140422	Iran	No. 7247	8b	48	148655	Iran	No. 8281	8b	48
141273	Guatemala	USDA F. W. McBryde No. 61	8b	48	148656	Iran	No. 8295	8a	26
141963	Manchuria	L. Ptitsin, Harbin	8a	26	148720	Brazil	J. T. Baldwin, Jr., U. of Va., Boyce	8b	48

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
150782	Palestine	'Canary Export'	8b	48	163245	India	USDA W. Koelz No. 8275A	8b	49
152043	Costa Rica	Minister of Agr.	7b	21	163246	India	No. 8276	7b	21
152266	USSR	Dwarf Alpatiev No. 0905	8b	48	163247	India	No. 8277	8b	49
155367	Peru	Crandall, A.E.S. Tingo Maria	8b	48	163248	India	No. 8278	8b	49
155368	Peru	TM1205	7b	21	163249	India	No. 8279	8b	49
155369	Peru	TM1209	7b	21	163250	India	No. 8342	8a	26
155370	Peru	TM1210	8b	48	163251	India	No. 8343	8b	49
155371	Peru	TM1214	7b	21	163252	India	No. 8372	8b	49
155372	Peru	TM1215	8b	48	163253	India	No. 8409	8b	49
155373	Peru	TM1216	8b	48	163254	India	No. 8428	8b	49
155374	Peru	TM1231	8b	48	163255	India	No. 8551	8b	49
155375	Peru	TM1237	7b	21	164177	India	No. 8890	8b	49
155376	Peru	TM1245	8b	48	164278	India	No. 8914	8b	49
155377	Peru	TM1246	8b	48	164290	India	No. 8926	8b	49
155378	Peru	TM1247	7b	21	164478	India	No. 8771	8b	49
155379	Peru	TM1207	7b	21	164482	India	No. 8775	8b	49
157193	Australia	Temora Exp. Farm NSW 'Tatura Dwarf Globe'	8a	26	164541	India	No. 8831-A	8b	49
157850	Palestine	Dept. Agr. & Fisheries 'Marmande'	8b	48	164628	India	No. 9052	8b	49
157991	Italy	Inst. Agr. (UNRRA, Rome) 'Pancrazio'	8b	48	164673	India	No. 9098	8b	49
157992	Italy	Inst. of Bologna 'Prezioso'	8a	26	164719	India	No. 9147	8b	49
157993	Italy	Inst. of Bologna 'Prospero'	8a	26	164945	Turkey	USDA J. R. Harlan No. 21	8b	49
158161	Venezuela	Unknown donor	7b	21	164946	Turkey	No. 22	8b	49
158164	Venezuela	Unknown donor	7b	21	164947	Turkey	No. 23	8b	49
158166	Venezuela	Unknown donor	7b	21	165030	Turkey	No. 106	8b	49
158167	Venezuela	Unknown donor	7b	21	165053	Turkey	No. 128	8b	49
158171	Venezuela	Unknown donor	7b	21	165489	India	USDA W. Koelz No. 9293 'Ponderosa'	8a	26
158760	China	Ministry of Agr. & Forestry 'Chih mu tao se'	8a	26	165490	India	No. 9294 'Marglobe'	8a	26
159001	Peru	A.E.S., Tingo Maria, TM1113	8a	26	166365	India	No. 9398	7b	21
159002	Peru	TM1117	8b	49	166985	Turkey	USDA J. R. Harlan No. 183	8b	49
159003	Peru	TM1143	8b	49	166986	Turkey	No. 184	8b	49
159004	Peru	TM1149	8b	49	166989	Turkey	No. 187	8b	49
159005	Peru	TM1150	8b	49	166991	Turkey	No. 189	8b	49
159006	Peru	TM1154	8b	49	167041	Turkey	No. 238	8b	49
159007	Peru	TM1155	7b	21	167054	Turkey	No. 251	8a	26
159008	Peru	TM1176	8b	49	167074	Turkey	No. 271	8b	49
159009	Peru	TM1195	8b	49	167099	Turkey	No. 296	8b	49
159181	Peru	A.E.S., Tingo Maria	8b	49	167103	Turkey	No. 300	8b	49
159193	Peru	TM1117	8b	49	167141	Turkey	No. 338	8b	49
159198	Peru	TM1176 'Veto Mold'	8b	49	167206	Turkey	No. 401	8b	49
159199	Peru	TM1195 'Rutgers'	8a	26	167329	Turkey	No. 523	8b	49
162679	Argentina	(Woods No. 430) Stevens & Hartley No. 179 'Genova'	8b	49	169565	Turkey	No. 1405 'Balkan'	8b	50
					169566	Turkey	No. 1419	8b	50
					169567	Turkey	No. 1470	8b	50

TABLE 9 - (continued)

PI				PI							
Number	Source	Collector or Donor Notes		Table	P.	Number	Source	Collector or Donor Notes		Table	P.
169568	Turkey	USDA J. R. Harlan No. 1503		8b	50	172976	Turkey	No. 8504		8b	50
169569	Turkey	No. 1957		8b	50	172977	Turkey	USDA J. R. Harlan No. 8564		8b	50
169570	Turkey	No. 2052		8b	50	172978	Turkey	No. 8573		8b	50
169571	Turkey	No. 2093		8b	50	173725	Turkey	No. 7868		8b	50
169572	Turkey	No. 2207		8b	50	173726	Turkey	No. 7972		8b	50
169573	Turkey	No. 2210		8b	50	173920	India	USDA W. Koelz No. 9764		8a	26
169574	Turkey	No. 2269		8b	50	174261	Turkey	USDA J. R. Harlan No. 7706		8b	50
169575	Turkey	No. 2270		8b	50	174262	Turkey	No. 8084		8b	50
169576	Turkey	No. 2335		8b	50	174263	Turkey	No. 8227		8b	50
169577	Turkey	No. 2358		8b	50	174264	Turkey	No. 8290		8b	50
169578	Turkey	No. 2458		8a	26	174265	Turkey	No. 8297		8b	50
169579	Turkey	No. 2556		8b	50	174266	Turkey	No. 8311		8b	50
169580	Turkey	No. 2594		8b	50	174267	Turkey	No. 8365		8b	50
169581	Turkey	No. 2630		8b	50	174268	Turkey	No. 8441		8b	51
169582	Turkey	No. 2691		8b	50	174269	Turkey	No. 8641		8b	51
169583	Turkey	No. 2795		8b	50	174270	Turkey	No. 8795		8b	51
169584	Turkey	No. 2863		8b	50	174879	India	USDA W. Koelz No. 9916		8b	51
169585	Turkey	No. 3003		8a	26	175774	Turkey	USDA J. R. Harlan No. 5460		8b	51
169586	Turkey	No. 3381		8b	50	175775	Turkey	No. 5461		8b	51
169587	Turkey	No. 3564		8b	50	175776	Turkey	No. 5978		8a	26
169588	Turkey	No. 3587		8b	50	175777	Turkey	No. 6006		8b	51
169589	Turkey	No. 3747		8b	50	175778	Turkey	No. 6038		8b	51
169590	Turkey	No. 3749		8b	50	175779	Turkey	No. 6041		8b	51
171708	Turkey	No. 6581		8b	50	175780	Turkey	No. 6089		8b	51
171709	Turkey	No. 6592		8b	50	175781	Turkey	No. 6196		8a	26
171710	Turkey	No. 6602		8b	50	175782	Turkey	No. 9067		8b	51
171711	Turkey	No. 6659		8b	50	175783	Turkey	No. 9083		8b	51
171712	Turkey	No. 6714		8a	26	175784	Turkey	No. 9162		8b	51
171713	Turkey	No. 6746		8a	26	175785	Turkey	No. 9186		8b	51
171714	Turkey	No. 6813		8a	26	175786	Turkey	No. 9190		8b	51
171715	Turkey	No. 6827 Sirik		8a	26	176625	Turkey	No. 8878		8b	51
171716	Turkey	No. 6858		8b	50	176626	Turkey	No. 8907		8b	51
171717	Turkey	No. 6924		8b	50	176627	Turkey	No. 8943		8b	51
171718	Turkey	No. 7115		8b	50	176628	Turkey	No. 8992		8b	51
172966	Turkey	No. 7523		8a	26	176629	Turkey	No. 9204		8b	51
172967	Turkey	No. 7544		8a	26	176630	Turkey	No. 9259		8b	51
172968	Turkey	No. 7650		8b	50	176631	Turkey	No. 9394		8b	51
172969	Turkey	No. 7727		8a	26	176632	Turkey	No. 9435		8b	51
172970	Turkey	No. 7763		8b	50	176633	Turkey	No. 9457		8b	51
172971	Turkey	No. 8136		8b	50	176634	Turkey	No. 9485		8b	51
172972	Turkey	No. 8236		8b	50	176635	Turkey	No. 9573		8a	26
172973	Turkey	No. 8272		8b	50	176636	Turkey	No. 9583		8b	51
172974	Turkey	No. 8287		8b	50	177006	Turkey	No. 5570		8b	51
172975	Turkey	No. 8307		8b	50						

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
177007	Turkey	USDA J. R. Harlan No. 5618	8b	51	182230	Turkey	USDA J. R. Harlan No. 10396	8b	52
177008	Turkey	No. 5889	8a	26	182231	Turkey	No. 10421	8b	52
177009	Turkey	No. 6155	8b	51	182232	Turkey	No. 10477	8b	52
177010	Turkey	No. 9337	8a	26	182233	Turkey	No. 10489	8b	52
177457	Turkey	No. 4434	8b	51	182234	Turkey	No. 10503	8a	27
177458	Turkey	No. 4906	8b	51	182235	Turkey	No. 10585	8a	27
177459	Turkey	No. 4953	8b	51	182236	Turkey	No. 10596	8b	52
177460	Turkey	No. 6343	8b	51	182237	Turkey	No. 10633	8b	52
178978	Turkey	No. 9680	8b	51	182973	India	USDA W. Koelz No. 11267	8b	52
178979	Turkey	No. 9643	8b	51	183326	India	No. 11474	8b	52
179362	Turkey	No. 4530 'Turfan'	8a	26	183327	India	No. 11514	8b	52
179363	Turkey	No. 4532	8b	51	183560	India	Agr. Res. Inst.,	8b	52
179364	Turkey	No. 4544	8a	27			New Delhi		
179365	Turkey	No. 5026	8a	27	183692	Turkey	USDA J. R. Harlan No. 10706 (Agr. Inst.) 'Scarlentawen'	8a	27
179366	Turkey	No. 5937	8b	51	183693	Turkey	USDA J. R. Harlan No. 10707 (Agr. Inst.) 'Stokesdale'	8a	27
179367	Iraq	No. 9893	8b	51	183932	India	USDA W. Koelz No. 11599	8a	27
179942	India	USDA W. Koelz No. 10392	8b	51					
179943	India	No. 10516	8b	51	185684	Guatemala	Trop. Res. Cent., Tiquisate 'Arbol'	8b	52
179944	India	No. 10640	8b	51	185685	Guatemala	Trop. Res. Cent., Tiquisate	8b	52
180232	Philippines	U. of Philippines, Laguna	8b	51	185686	Guatemala	Trop. Res. Cent., Tiquisate	8b	52
180233	Philippines	U. of Philippines, Laguna	8b	51	185688	Guatemala	Trop. Res. Cent., Tiquisate 5/49	7b	21
180234	Philippines	U. of Philippines, Laguna	8b	51	185689	Guatemala	Trop. Res. Cent., Tiquisate 6/49	7b	21
180300	India	USDA W. Koelz No. 10924	8b	51	187002	Guatemala	I. E. Melhus, Trop. Res. Cent., Antigua	7b	21
180301	India	No. 10925	8a	27	188565	Italy	A. Buzzati-Traverso, Pavia-- 'Prancrazio Razza' 15	8a	27
180721	Germany	Biparte Central Office (Buschtomate) 'Immun'	8b	51	188566	Italy	A. Buzzate-Traverso, Pavia - 'Pilastro Razza' 37/22	8a	27
108722	Germany	Biparte Central Office 'Danish Export'	8b	51	188567	Italy	A. Buzzati-Traverso, Pavia - 'Prostero Razza' 21	8a	27
180723	Germany	'Kondine Red'	8b	51	188568	Italy	A. Buzzati-Traverso, Pavia - 'Razza 3. P.'	8a	27
180725	Germany	<i>L. esculentum</i> x	7a	19	188569	Italy	A. Buzzati-Traverso, Pavia - 'Razza 23/7'	8a	27
180726	Germany	<i>L. pimpinellifolium</i> 102/40 F10 B. C. Office <i>L. esculentum</i> x <i>L. pimpinellifolium</i> 105/40 F10	7a	19	188570	Italy	A. Buzzati-Traverso, Pavia - 'Razza 28/5'	8a	27
181776	Syria	USDA J. R. Harlan No. 9814	8b	51	188571	Italy	A. Buzzati-Traverso, Pavia - 'Razza 39'	8a	27
181777	Lebanon	No. 9898	8a	27	190188	Mexico	USDA J. T. Baldwin, Jr. No. 1125	7b	21
181778	Lebanon	No. 9975	8a	27	190256	New Caledonia	Service of Agr., Noumea	7b	21
181887	Syria	Near East Found., C. O. Eyer 'Aleppo No. 9'	8b	51	190858	Argentina	Holmes, Roc. Inst. Med. Res. 'Rey de los Tempranos'	8a	27
181888	Syria	Near East Found., C. O. Eyer 'Aleppo No. 10'	8b	52	190859	Argentina	Holmes, Roc. Inst. Med. Res.	8a	27
181914	Syria	Near East Found., C. O. Eyer 'Hama No. 6'	8b	52	193188	Cook Islands	W. McBirney	8b	52
181951	Syria	Near East Found., C. O. Eyer 'Homs No. 11'	8b	52	193357	Australia	Dept. of Agr. New South Wales 'Tatinter'	8a	27
181952	Syria	Near East Found., C. O. Eyer 'Homs No. 12'	8b	52					

TABLE 9 - (continued)

PI					PI					
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.	
193399	Ohio	MacArthur 706	4a	9	195324	Guatemala	USDA O. W. Norvell No. 2783	7b	21	
193400	Ohio	741	4a	9	195325	Guatemala	No. 2784	7b	21	
193401	Ohio	804	4a	9	195615	Ethiopia	USDA W. A. Archer No. 9914	8b	52	
193402	Ohio	902	4a	9	195616	Ethiopia	No. 9915	8b	52	
193403	Ohio	3213	4a	9	195777	Guatemala	USDA O. W. Norvell	8b	52	
193404	Ohio	Lesley 507	4a	9	195778	Guatemala	USDA O. W. Norvell	8b	52	
193405	Ohio	608	4a	9	195779	Guatemala	USDA O. W. Norvell No. 2511	8b	52	
193407	Ohio	1040	4a	9	195780	Guatemala	No. 2512	8b	52	
193408	Ohio	Tomes 1880, L. pimp.	4b	11	195781	Guatemala	No. 2513	7b	21	
193409	Ohio A.E.S.	A.E.S., Lindstrom 2391-2	4a	9	195782	Guatemala	No. 2514	8b	52	
193410	Ohio	2392-2	4a	9	195783	Guatemala	No. 2515	8b	52	
193411	Ohio	2393-5	4a	9	195784	Guatemala	No. 2523	8b	52	
193412	Ohio	2394-2	4a	9	195785	Guatemala	No. 2524	8b	52	
193413	Ohio	A.E.S. Lesley 4N-T160D	Fs-1, L. escu.	4b	11	195786	Guatemala	No. 2525	8b	52
193414	Ohio		Fs-2, L. escu.	4b	12	195787	Guatemala	No. 2565	8b	52
193415	Ohio	A.E.S. Pennorange E160A	8a	27	195788	Guatemala	No. 2609	7b	21	
			4a	9	195789	Guatemala	No. 2821	7b	21	
193416	Ohio	A.E.S. P. A. Young T328	4a	9	195790	Guatemala	No. 2850	7b	21	
193417	Ohio	T560	4a	9	195791	Guatemala	No. 2851	7b	21	
193418	Ohio	T738	4a	9	196004	Ethiopia	USDA W. A. Archer No. 9587	8b	52	
193419	Ohio	G1074a	4a	10	196005	Ethiopia	No. 9631	8b	52	
193420	Ohio	Y1105	4a	10	196297	Nicaragua	USDA O. W. Norvell No. 2927	8b	52	
193421	Ohio	G1112	4a	10	196298	Nicaragua	No. 2928	8b	52	
193555	Ethiopia	USDA W. A. Archer No. 8492	'Bonny Best'	8a	27	196481	Brazil	M. L. Owen, No. 11 'Mato Grosso'	8a	27
193556	Ethiopia	No. 8531	'Paradeiser'	8a	27	196868	Ethiopia	USDA W. A. Archer No. 10064	8a	27
193557	Ethiopia	No. 8687		8b	52	197159	Guatemala	USDA O. W. Norvell No. 3085	7b	21
194002	Ethiopia	No. 9058		8b	52	198674	Mexico	M. C. Richards, New Hampshire A.E.S.	7b	21
194060	France	Vilmorin-Andrieux, Paris 'Marmande'		8a	27	198912	Brazil	M. L. Owen 'Mato Grosso'	7b	21
194061	France	Vilmorin-Andrieux, Paris 'Mervellie des Marches'		8a	27	199016	Oklahoma	M. Hardin 'Juan Peron'	8a	27
194128	Cook Islands	W. McBirney		8b	52	199017	Oklahoma	M. Hardin 'Plains Tree'	8a	27
194307	Ethiopia	USDA W. A. Archer No. 9174		8b	52	199018	Oklahoma	M. Hardin 'Sooner'	8a	27
194308	Ethiopia	No. 9175		8b	52	199236	Florida	'Cooper's Special'	8a	27
194561	Argentina	Mrs. J. E. Winfield, N. Y. 'Mormon 50-Day'		8a	27	199237	England	Kerr, Vineland, Ont. 'Sterling Castle'	8a	27
194883	New York	Mrs. J. E. Winfield, N. Y.		8b	52	199380	Peru	Rick, Outskirts of Canta	5a	14
194884	Argentina	Mrs. J. E. Winfield, N. Y.		8a	27	199381	Peru	Rick at Rio Chillon Below Canta	5c	14
195001	Ethiopia	USDA W. A. Archer No. 9197		8b	52	199742	Canada	Dept. of Agr., Ottawa, Philippine Sel.	8b	52
195002	Ethiopia	No. 9261		8b	52	200879	Afghanistan	Afghan. Dept. Agr., Kabul	8b	52
195003	Ethiopia	No. 9262		7b	21	200880	Afghanistan	Afghan. Dept. Agr., Kabul No. 2	8b	52
195004	Ethiopia	No. 9263		8b	52	201266	Mexico	USDA O. W. Norvell No. 3251	8b	52
195005	Ethiopia	No. 9399		8b	52	201267	Mexico	No. 3276	8a	27
195006	Ethiopia	No. 9400		7b	21	201476	Mexico	No. 3276	8b	52
195322	Guatemala	USDA O. W. Norvell No. 2773		7b	21	201773	Canada	'Earlinorth'	8a	27
195323	Guatemala	No. 2779		8b	52	201774	Oklahoma	M. Hardin 'Hardin Jointless No. 70'	8a	27
						201775	Puerto Rico	A. T. Erwin 'Pertillo'	8a	27

TABLE 9 – (continued)

PI Number	Source	Collector or Donor Notes	Table	P.	PI				
					Number	Source	Collector or Donor Notes	Table	P.
203229	Australia	Dept. Agr., New South Wales 'Manzana'	8a	27	205005	West Virginia	No. 715 'Bonny Best' x Wild	8b	53
203230	Australia	Dept. Agr., New South Wales	8a	27			(Mills' Cross) F2		
		'Rey de los Tempranos'	4a	10	205006	West Virginia	No. 717 'Redfield Beauty' x Wild	8b	53
203231	Australia	H.E.S. 3963	8a	28			(Mills' Cross) F2		
203232	South Africa	'Wheatley's Frost Resistant'	8b	53	205007	West Virginia	No. 721 ? x Wild (Mills' Cross) F2	8b	53
204587	Turkey	USDA R. K. Godfrey No. 155	7b	21	205008	West Virginia	No. 731-1 (One plant of Walter & Conover	8a	53
							25-1 PAsTW F4)	8a	28
204711	Turkey	No. 180	8b	53	205009	England	W. Va. No. 775-1 (One plant from	6	17
204712	Turkey	No. 184	8b	53			PI 110595)		
204713	Turkey	No. 439	8b	53					
204972	West Virginia	No. 19	8b	53	205010	West Virginia	No. 775-2 (One plant from PI 110595)	7b	22
204973	West Virginia	No. 29-1 (Single plant from Kaneko tomato)	8b	53	205011	West Virginia	No. 795-1 (One plant from PI 126949)	7b	22
204974	West Virginia	No. 29-2 (Single plant from Kaneko tomato)	8b	53	205012	Peru	W. Va. No. 795-2 (One plant from PI 126949)	6	18
204975	Puerto Rico	M. E. Gallegly W. Va. No. 31	7b	21	205013	West Virginia	No. 809-1 (One plant from PI 190256)	7b	22
204976	North Carolina	No. 36	7b	21	205014	New Caledonia	W. Va. No. 809-3 (One plant from PI 190256)	7b	22
204977	West Virginia	No. 37 (Mass seed from Walter & Conover	8b	53	205015	West Virginia	No. 819-1 (One plant from PI 114038)	7b	22
		1-6 CAPStW F4)			205016	West Virginia	No. 819-2 (One plant from PI 114038)	7b	22
204978	West Virginia	No. 45	7b	21	205017	West Virginia	No. 828-1 (One plant from PI 119214)	7b	22
204979	West Virginia	No. 47-8 (One plant from Walter & Conover	8b	53	205018	West Virginia	No. 828-2 (One plant from PI 119214)	7b	22
		2-8PAsTW F4)			205019	West Virginia	No. 846-1 (One plant from PI 129089)	7b	22
204980	West Virginia	No. 106 From PI 108245	7b	22	205020	West Virginia	No. 846-2 (One plant from PI 129089)	7b	22
204981	West Virginia	No. 126-1 (One plant from PI 110595)	7b	22	205021	West Virginia	No. 878 Mass seed from Jamaica Wild	7b	22
204982	West Virginia	No. 126-2 (One plant from PI 110595)	7b	22	205022	West Virginia	No. 880 NC No. 941	7b	22
204983	West Virginia	No. 159-1 (One plant from PI 118327)	8b	53	205023	West Virginia	No. 882 NC No. 1951-328-3 F6	8b	53
204984	West Virginia	No. 162-1 (One plant from 118404)	8b	53	205024	West Virginia	No. 882 Mass seed from Walter & Conover	8b	53
204985	West Virginia	No. 162-2 (One plant from 118404)	8b	53			1-1-1 PW		
204986	West Virginia	No. 162-3 (One plant from 118404)	8b	53	205025	West Virginia	No. 886-1 (One plant from Walter &	8b	53
204987	West Virginia	No. 171-1 (One plant from 119446)	7b	22			Conover 1-2 PRW)		
204988	West Virginia	No. 171-2 (One plant from 119446)	8b	53	205026	West Virginia	No. 887-1 (One plant from Walter &	7b	22
204989	West Virginia	No. 172-1 (One plant from 119777)	8a	28			Conover 2-2 PRW)		
204990	West Virginia	No. 452-2 (One plant from 140418)	8b	53	205027	West Virginia	No. 888-1 (One plant from Walter &	8b	54
204991	West Virginia	No. 457-4 (One plant from 141273)	8b	53			Conover 29-5 PAsTW)		
204992	West Virginia	No. 502-1 (One plant from 163246)	7b	22	205028	West Virginia	No. 889-1 (One plant of Walter & Conover	8a	28
204993	West Virginia	No. 502-2 (One plant from 163246)	8b	53			37-1 PAsTW)		
204994	West Virginia	No. 603-1 (One plant from 124133)	8b	53	205029	West Virginia	No. 889-2 (One plant of Walter & Conover	8a	28
204995	West Virginia	No. 603-2 (One plant from 124133)	8b	53			37-1 PAsTW)		
204996	West Virginia	No. 700	7b	22	205030	West Virginia	No. 890-1 (One plant of Walter & Conover	8a	28
204997	West Virginia	No. 701	7b	22			38-5 PAsTW)		
204998	West Virginia	No. 702	7b	22	205031	West Virginia	No. 891-1 (One plant of Walter & Conover	8b	54
204999	West Virginia	No. 703	7b	22			52-1 PAsTW)		
205000	West Virginia	No. 705 ('Bonny Best' x Wild -	8b	53	205032	West Virginia	No. 891-2 (One plant of Walter & Conover	8b	54
		(Mills' Cross) F2	8b	53			52-1 PAsTW)		
205001	West Virginia	No. 707 Stambie (Mills No. 24)	7b	22	205033	West Virginia	No. 891-3 (One plant from 52-1 PAsTW)	7b	22
205003	West Virginia	No. 712-1 'Princess of Wales' x Wild	8b	53	205034	West Virginia	No. 893-1 (One plant of Walter & Conover	8b	54
		(Mills' Cross) Single plant F2					6-2-2-2 PAsTW)		
205004	West Virginia	No. 714 'Marglobe' x Wild (Mills' Cross F2	8b	53	205035	Ohio	J. P. McCollum	4a	10

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TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
205036	Ohio	P. A. Young 661E-16 Bull	4a	10	212407	Peru	Rick LA 102	5d	15
205037	Ohio	Lindstrom 2074-3-M	4a	10	212408	Peru	Rick LA 125	6	18
205038	Ohio	Lindstrom 2217-1-2	4a	10	212409	Venezuela	De Zerpa 52-118	6	18
205039	Ohio	T. M. Currence Fs-5-12	4a	10	212410	Venezuela	De Zerpa	7b	22
205040	Ohio	P. A. Young Yellow Peach Fs-3	8a	28	212411	Morocco	Burdick 038	7b	22
			4a	10					
205041	Ohio	P. A. Young T162 Fs-1	4a	10	212412	North Dakota	Cavalier	8a	28
205042	Ohio	P. A. Young T667-1	4a	10	212413	New Hampshire	North Dakota, joint release 'Doublerrick'	8a	28
205043	Ohio	P. A. Young G1075-5-1	4a	10	212414	New Jersey	Campbell Soup 119	8a	28
205044	Ohio	P. A. Young T1077b-5	4a	10	212415	New Jersey	Campbell Soup 54	8a	28
205045	Ohio	P. A. Young G1078-5 MacA 42M	4a	10	212416	California	Rick 2-31, Pearson	4d	12
205046	Ohio	P. A. Young G1279-10	4a	10	212417	California	Rick 2-89, San Marzano	4d	12
205196	Turkey	USDA R. K. Godfrey	8b	54	212418	California	Rick 2-121, San Marzano	4d	12
205336	E. Africa	H. J. van Remsburg Tanganyika	8b	54	212419	California	Rick 2-132, San Marzano	4d	12
205481	Costa Rica	N. F. Thomas	8a	28	212420	California	Rick 2-165, San Marzano	4d	12
205641	Italy	State Dept. 'Genovese'	8a	28	212421	California	Rick 2-175, Earliana	4d	12
205642	Italy	State Dept. 'Ladino di Pannocchia	8a	28	212422	California	Rick LA 62, Pritchard	4d	13
206000	Sweden	HRS AKARP Bonita OJO/50	8b	54	212423	California	Rick 2-225, ACE	4d	13
206151	India	For. Res. Inst., V.D. Lamaye 'Pavili'	8a	28	212424	California	Rick 2-233, Cal-255	4d	13
206449	Turkey	USDA R. K. Godfrey No. 703	8b	54	212425	Ohio	(PAY G1075 x Penn-Orange) - 18-22-7-17	4a	10
206450	Turkey	No. 721	8b	54	212426	Ohio	PAY T585-18-M-3-M	4a	10
206967	Turkey	No. 692	8b	54	212427	Ohio	Lindstrom 2218-1-4-M	4a	10
206968	Turkey	No. 943	8b	54	212428	Ohio	('Pennorange' x Currence sterile) - 1-5-18-18	4a	10
208760	Cuba	USDA Correll & Miller No. 203	8b	54	212429	Ohio	Pollack 1025-1-50 #17-168	4a	10
208761	Cuba	No. 290	8b	54	212430	Ohio	Rick LA 64	4a	10
208835	Cuba	Marti 51	8b	54	212431	Ohio	Jenkins 767	4a	10
208836	Cuba	Cresto M51x64	8b	54	212432	Ohio	Dennett MU 12	4a	10
208837	Cuba	Cueto M51x62	8b	54	212433	Ohio	Burdick, X21-1-31-Rosette	4a	10
208838	Cuba	Cueto M51x65	8b	54	212434	Ohio	'Stokesdale' colchicine, 7-1-M - 4N	4b	12
209048	Puerto Rico	No. 359	8b	54	212435	Ohio	'Stokesdale' colchicine, 7-2-M - 4N	4b	12
209974	Puerto Rico	Peron	8a	28	212436	Ohio	'Break O'Day' colchicine, 16-2 - 4N	4b	12
209975	Bolivia	Gallegly 'Redondo'	7b	22	212437	Ohio	'Break O'Day' colchicine, 28-3 - 4N	4b	12
209976	Bolivia	'Rinon'	8b	54	212438	Ohio	Rick, San Marzano, colchicine - Auto 2N	4c	12
209977	Bolivia	'Chulumani'	8b	54	212439	Ohio	Rick, San Marzano - 4N	4b	12
209978*	Venezuela	Inst. Nacional de Agricultura,	5b	14	212440	Ohio	Rick Pearson - 4N	4b	12
		Maracay			212441	Ohio	Burdick 216, L. pimp. - Auto Auto 4N	4b	12
211838	Peru	USDA A. F. Swanson	6	18	212442	Ohio	Burdick 227, L. pimp.	4c	12
211839	Peru	USDA A. F. Swanson	6	18	212443	Ohio	Burdick 230, L. pimp.	4c	12
211840	Peru	USDA A. F. Swanson	6	18	212444	Ohio	Burdick 236, L. pimp.	4c	12
212017	Iran	U. S. Embassy, Tehran	8a	28	212445	Ohio	Burdick 237, L. pimp. - Auto Auto 4N	4b	12
212018	Iran	U. S. Embassy, Tehran	8a	28	213186	Greece	Sel. T-28 'Bonny Best'	8a	28
212062	Costa Rica	Jorge Leon (thru A. F. Swanson, Lima Peru)	8b	54	213187	Greece	Sel. T-51	8a	28
					213188	Greece	Sel. T-62 'Scarlet Globe'	8a	28
					213189	Greece	Sel. T-1385 'Early Chatham'	8a	28
212103	Afghanistan	USDA H. S. Gentry	8a	28					

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
215709	Peru	USDA E. E. Smith, Tingo Maria No. 432	8b	54	224589	Ohio	Alexander PI 148720	7a	19
215756	Peru	No. 207	8b	54			<i>L. esc.</i> x 79532 <i>L. pimp.</i>	4d	13
215757	Peru	No. 440	8b	54	224590	California	Rick 2-69	4d	13
215758	Peru	No. 498	8b	54	224591	California	Rick 2-171	4d	13
220290	Afghanistan	USDA E. E. Smith, No. 276	8b	54	223592	California	Rick 2-84	4d	13
220718	England	John Innis Hort. Station, Side shootless mutant of Antimold B	8b	54	224593	California	Rick 2-137	4d	13
220863	Canada	Central Exp. Farm, Ottawa 'Bestal'	8b	54	224594	California	Rick 16-9	4d	13
220864	England	'English Sutton'	8a	28	224595	California	Rick 2-185	4d	13
220865	S. Carolina	'Targinnie Red'	8b	54	224596	Ohio	Bishop K50	4d	13
222256	Iran	USDA E. E. Smith No. 1435	7b	22	224597	Ohio	Pollack 1025	4d	13
223305	New York	'Devons Surprise' x 'Marglobe' Ohio AES	8a	28	224673	Uruguay	'Mikado'	8b	54
223306	New York	Crack Resistant Rhode Island AES	8b	54	224674	New Hampshire	BV No. 5 by A. F. Yeager	8b	54
223307	New York	Campbell Soup 222 Rhode Island AES	8a	28	224675	New York	X907W Originally from Mexico	7b	22
223308	New York	'Burgess Crack Proof' Rhode Island AES	8a	28	224709	Mexico	USDA D. S. Correll No. 4	6	18
223309	New York	Pearson P723	7b	22	224710	Mexico	USDA D. S. Correll No. 45	6	18
223310	New York	P723 x 'Valiant' Rhode Island AES	8a	28	226516	Iran	USDA H. S. Gentry No. 14560	8b	54
223311	New York	P723 x 'Valiant' Rhode Island AES	8a	28	226644	Iran	USDA H. S. Gentry No. 14761	8b	55
223312	New York	CS222 x 'John Baer' Rhode Island AES	8a	28	227304	Iran	No. 14692	8b	55
223313	New York	Rhode Island AES	8b	54	229809	New Hampshire	Agr. Exp. Sta. Genetic Tester	8b	55
223314	New York	Rhode Island AES	8b	54	229810	New Hampshire	Agr. Exp. Sta. Genetic Tester	8b	55
223315	New York	Rhode Island AES	8a	28				4a	10
223316	New York	Rhode Island AES	8b	54	230327	Ecuador	USOM Norman Ward	6	18
223843	Philippines	Central Exp. Sta., Laguna	8b	54	231257	Galapagos Is.	Rick LA 317	5f	16
224571	Ohio	Lindstrom 2387-2-1-4	4a	10	231729	Hawaii	HES 4313	8a	28
224572	Ohio	Rick 2-100	4a	10	231730	Hawaii	Agr. Exp. Sta.	8b	55
224573	Ohio	Rick LA 55	4a	10	233930	Ecuador	Dr. Ferguson of Sucua	7b	22
224574	Ohio	Butler	4a	10	234254	Michigan	A. P. Whallon var. 'Gold Ball'	8b	55
224575	Ohio	Butler	4a	10	234255	Canada	Ounsworth, Harrow, Ont. Exp. Sta. Harrow	8b	55
224576	Ohio	Jenkins 234	4a	10	234625	Australia	'Grosse Lisse'	8a	28
224577	Ohio	Dennett AP 5	4a	10	234626	Australia	'Grosse Lisse'	8a	28
224578	Ohio	P. A. Young G1071b	4a	10	234627	Australia	'Tatura Dwarf Globe'	8a	28
224579	Ohio	Butler	4a	10	234628	S. Africa	'San Marzano' Howie's, Johannesburg	8b	55
224580	Ohio	Bohn, 411 <i>L. Pimp.</i> PI 79532	4b	12	235673	New York	Holmes Lot 2874A, Roc. Inst. Med. Res.	8b	55
224581	Ohio	Bohn, Danmark 5056	4b	12			Resists infection by tobacco mosaic virus	4a	10
224582	Ohio	Bohn, Danmark 5057	4b	12	237131	Italy	'Ficarazzi'	8a	28
224583	Ohio	Bohn, Danmark 5061	4b	12	237132	Italy	'Genovese'	8a	28
224584	Ohio	Bohn, Danmark 5074	4b	12	237133	Italy	'Ladino Di Panocchia'	8a	28
224585	Ohio	Bohn, Waltham Forcing 5059	4b	12	237134	Italy	'Nostrano Grosso'	8a	28
224586	Ohio	Bohn, Waltham Forcing 5060	4b	12	237135	Italy	'Perdrigeon'	8a	28
224587	Ohio	Bohn, Waltham Forcing 5069	4b	12	237136	Italy	'Pierrette'	8a	28
224588	Ohio	Bohn, Waltham Forcing 5075	4b	12	237137	Italy	'San Marzano'	8a	28
					237640	California	Rick LA 166 52L67	7b	22
					241592	Taiwan	Joint Com. on Reconstr.	8b	55

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
244672	India	Superior local selection	8b	55	251315	Peru	Rick LA 381	6	18
244956	Costa Rica	Resistant to late blight	8b	55	251316	Peru	Rick LA 384	6	18
244957	Costa Rica	Resistant to late blight	8b	55	251317	Peru	Rick LA 397	6	18
245760	Rhode Island		8b	55	251318	Argentina	Rick LA 400	6	18
246585	Peru	D. S. Correll & E. E. Smith	5d	15	251319	Ecuador	Rick LA 411	6	18
246586	Peru	D. S. Correll & E. E. Smith	5d	15	251320	Ecuador	Rick LA 412	6	18
246994	Greece	E. J. Bell, State Dept. Early	8b	55	251321	Ecuador	Rick LA 413	6	18
247087	Ecuador	D. S. Correll & G. Albermez, Loja Prov.	5d	15	251322	Ecuador	Rick LA 17	7b	22
247089	Australia	Dept. Agr., New South Wales var. 'Kyi'	8b	55	251323	Ecuador	Rick LA 418	7b	22
247528	Thailand		8b	55	251626	Yugoslavia	Agrariacoop. Seed House, Zagreb	8b	55
248504	England	'Victory'	8b	55	254577*	Peru		5b	14
248741	Colombia		8b	55	254644	Ohio	Van Wert, Ohio	4a	11
249567	Thailand	O. B. Pearson	8b	55	254645	Ohio	Rick LA 155-5-M-17-3	4a	11
249641	India	Agr. Res. Inst., New Delhi 'Pusa Red Plum'	7b	22	254646	Ohio	Rick LA 83-4-M	4a	11
250123	Holland	'Anait'	8b	55	254647	Ohio	Rick LA 258-1-14	4a	11
250124	Holland	'Oktjabrenok'	8b	55	254648	Ohio	Burdick 91-17	4a	11
250431	Czechoslovakia	Czech. Embassy 'Condine Red'	8b	55	254649	Ohio	'Gleckler Gold Glow' - 10	4a	11
250432	Czechoslovakia	Czech. Embassy 'Olomoucke'	8b	55	254650	Ontario	Butler - 11-8-15	4a	11
250433	Czechoslovakia	Czech. Embassy 'Olomoucke Nizke'	8b	55	254651	Ontario	Butler - 2-G2-1	4a	11
250434	Czechoslovakia	Czech. Embassy 'Ostravske Rane'	8b	55	254652	Ohio	'Gleckler Evergreen' 3-17	4a	11
250435	Czechoslovakia	Czech. Embassy 'Pruhonicky Universal'	8b	55	254653	Ontario	Kerr - 1-2	4a	11
250436	Czechoslovakia	Czech. Embassy 'Stupicke'	8b	55	254654	Ontario	Kerr - 1-12	4a	11
250437	Czechoslovakia	Czech. Embassy 'Stupicke Rane'	8b	55	254655	Ontario	Kerr - 1-M	4a	11
251296	Peru	Rick LA 396	7b	22	254656	Ohio	Burdick 220-19	4a	11
251297	Ecuador	Rick LA 409	8b	55	254657	Ohio	Butler 12-5	4a	11
251298	Peru	Rick LA 457	8b	55	254658	Texas	P. A. Young G1734C-10	4a	11
251299	Ecuador	Rick LA 475	7b	22	254659	Ohio	Hoffman Globe A	4a	11
251300	Ecuador	Rick LA 476	7b	22	254660	Ohio	'Rutgers,' spontaneous - 17-6-M-9-6-6-3	4b	12
251301	Peru	Rick LA 364	5a	14	254661	Ohio	'Ohio W-R Globe,' colchicine - 5-17-5-M	4b	12
251302	Peru	Rick LA 366	5a	14	254662	Ohio	(P. l. 212425a-18-1 x Butler pr) - 3	4d	13
251303	Peru	Rick LA 360	5b	14	254663	Ohio	(Bishop sl x PI 212425-18) - 17	4d	13
251304	Ecuador	Rick LA 407	5c	14	254664	Ohio	Stevenson - 23	4d	13
251305*	Ecuador	Rick LA 440	5c	14	254665	Ohio	Larson, 'John Baer'	4d	13
251306	Peru	Rick LA 374	5d	15	255829	Italy	Inst. Veg. Gen., Piacenza 58-4	8b	55
251307	Peru	Rick LA 378	5d	15	255830	Italy	'Barese o a pruno'		
251308	Peru	Rick LA 446	5d	15			Inst. Veg. Gen., Piacenza 58-49	8b	55
251309	Peru	Rick LA 448	5d	15			'Lampadina'		
251310	Peru	Rick LA 449	5d	15	255831	Italy	Inst. Veg. Gen., Piacenza 58-78	8b	55
251311	Peru	Rick LA 451	5d	15	255832	Italy	'Panerazio'		
251312	Peru	Rick LA 441	5d	15			Inst. Veg. Gen., Piacenza 58-79	8b	55
251313*	Peru	Rick LA 470	5d	15	255833	Italy	'Paullo'		
251314	Peru	Rick LA 383	5d	15	255834	Italy	Inst. Veg. Gen., Piacenza 58-86 'Pigmeo'	8b	55
							Inst. Veg. Gen., Piacenza 58-87	8b	55
							'Pilastro'		

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
255835	Italy	Inst. Veg. Gen., Piacenza 58-88 'Pirro'	8b	55	256260	California	Rick 2-44 56 L455-2 x 456	4d	13
255836	Italy	Inst. Veg. Gen., Piacenza 58-92 'Prezioso'	8b	55	256261	California	Rick 2-98 55 L671-4 x 672	4d	13
255837	Italy	Inst. Veg. Gen., Piacenza 58-93 'Prospero 21'	8b	55	257290	Spain	Exp. Sta. Murcia 'Murciano'	8b	56
255838	Italy	Inst. Veg. Gen., Piacenza 58-94 'Prospero 39'	8b	55	257484	Ohio	Ohio H. J. Heinz Co., Bowling Green No. 302 ('Rutgers' x 'Hanna 57')	8b	56
255839	Italy	Inst. Veg. Gen., Piacenza 58-117 'San Marzano'	8b	55	257488	Manchuria	College Agr., Harbin No. 2 Seed donated by C. E. Peterson, East Lansing, Mich.	8b	56
255840	Italy	Inst. Veg. Gen., Piacenza 58-142 'Vesuvio'	8b	55	257489	Manchuria	Same source as above No. 3	8b	56
255841	Italy	57-505 'Rutgers' x 'Lampadina' (F1)	8b	55	257503	USSR	USDA H. A. Rodenhiser 'Aurora'	8a	28
255842	Italy	57-506 'Lampadina' x NDAC 38 (F1)	8b	55	258469	Chile	Rick LA 466	8b	56
255843	Italy	57-510 L. 3700-3 x 'Ponderosa' (F1)	8b	56	258470	Chile	Rick LA 467	8b	56
255844	Italy	57-534 'Lampadina' x NDAC 38 (F1)	8b	56	258471	Chile	Rick LA 468	8b	56
255845	Italy	57-535 'Campione' x 'Lampadina' (F2)	8b	56	258472	Colombia	Rick LA 356	8b	56
255846	Italy	57-546-34 NDAC 38 x 'Lampadina' (F2)	8b	56	258473	Ecuador	Rick LA 408	8b	56
255847	Italy	57-547-19 NDAC 38 x 'Lampadina' (F2)	8b	56	258474	Ecuador	Rick LA 410	8b	56
255848	Italy	57-548-21 NDAC 38 x 'Lampadina' (F2)	8b	56	258475	Ecuador	Rick LA 415	8b	56
255849	Italy	57-549-25 NDAC 38 x 'Lampadina' (F2)	8b	56	258476	Ecuador	Rick LA 417	8b	56
255850	Italy	57-550-1 L. 3700-3 x 'Lampadina' (F2)	8b	56	258477	Peru	Rick LA 393	8b	56
255851	Italy	57-551-16 L. 3700-3 x 'Lampadina' (F2)	8b	56	258478	Peru	Rick LA 394	8b	56
255852	Italy	57-553-29 Line 276 x 'Paullo' (F2)	8b	56	258479	Peru	Rick LA 402B	8b	56
255853	Italy	57-557-13 Line 275 x 'Lampadina' (F2)	8b	56	258480	Peru	Rick LA 403	8b	56
255854	Italy	57-558-6 Line 275 x 'Lampadina' (F2)	8b	56	258481	Peru	Rick LA 405	8a	28
255855	Italy	57-564-14 L. 3700-3 x 'Lampadina' (F3)	8b	56	258482	Peru	Rick LA 457-1	8b	56
255856	Italy	57-564-10 L. 3700-3 x 'Lampadina' (F3)	8b	56	258483	Peru	Rick LA 457-2	8b	56
255857	Italy	57-566-8 L. 3700-3 x 'Lampadina' (F3)	8b	56	258484	Peru	Rick LA 457-6	8a	28
255858	Italy	57-567-7 L. 3700-3 x 'Ponderosa' (F3)	8b	56	258485	Peru	Rick LA 472	8a	29
255859	Italy	57-582-8 L. pimp. x 'Ponderosa' (F4)	8b	56	258486	Peru	Rick LA 473	8b	56
255860	Italy	57-583-13 L. pimp. x 'Ponderosa' (F4)	8b	56	258487	Peru	Rick LA 477	8a	29
255861	Italy	57-584-2 'San Marzano' x (15x21) No. 2 (F4)	8b	56	258488	Peru	Rick LA 478	8b	56
255862	Italy	57-585-15 'Blood Orange' x 'Cuor di bue' (F4)	8b	56	258808	Romania	'Aurora'	8a	29
255863	Italy	57-586-3 'Blood Orange' x 'Cuor di bue' (F4)	8b	56	258809	Romania	'De Tiganesti'	8a	29
255864	Italy	Inst. Veg. Gen., Piacenza 57-598-3 'Palla d'oro' x 'Cuor di bue' (F5)	8b	56	258810	Romania	'Linia 71'	8a	29
255865	Italy	57-599-5 'Ponderosa' x 'Cuor di bue' (F5)	8b	56	258811	Romania	'Master Carnosa'	8a	29
255866	Italy	57-600-12 'San Marzano' x 'Cuor di bue' (F5)	8b	56	258812	Romania	'Selectiunea Falticeni'	8a	29
255867	Italy	57-606-9 'Tangerine' x 'Cuor di bue' (F7)	8b	56	260394	Brazil	P. G. Smith, U. of Calif. M-1 Pera 20-60	8b	56
255868	Italy	57-552-15 Line 276 x 'Paullo'	8b	56	260395	Argentina	'Magnit Potente'	8a	29
255955	Argentina	A. Piovano, U. of Mendoza, Mrs. Winfield, N. Y.	8b	56	260396	Bolivia	P. G. Smith, U. of Calif. M-3	8b	56
256259	California	Rick LA 212 52 L 352-18	8b	56	260397	Bolivia	P. G. Smith, U. of Calif. M-4	8b	57
					260398	Bolivia	P. G. Smith, U. of Calif. M-5	8b	57
					260399	Bolivia	P. G. Smith, U. of Calif. M-6	8b	57
					260400	Bolivia	P. G. Smith, U. of Calif. M-8	8b	57
					260401	Bolivia	P. G. Smith, U. of Calif. M-9	8b	57
					260402	Peru	P. G. Smith, U. of Calif. M-10	7b	22

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
260403	Bolivia	P. G. Smith, U. of Calif. M-11	8b	57	263710	Puerto Rico	MacDaniels H2 Some nematode resistance	8b	57
260404	Bolivia	P. G. Smith, U. of Calif. M-7	8b	57	263711	Puerto Rico	MacDaniels H3 Some nematode resistance	8b	57
261619	Spain	USDA E. Davis No. 54 'Redondo Lisa'	8a	29	263712	Puerto Rico	MacDaniels H4	8b	57
261784	France	USDA E. Davis D-130 'Super Marmade'	8b	57	263713	Puerto Rico	MacDaniels 15CM Plamar x Plalhilo x Marglobe	8b	57
261785	France	USDA E. Davis D-131 'Fournaise' F1	8a	29	263714	Puerto Rico	MacDaniels 31 AM-6 High set, determinate	8b	57
262159	Spain	USDA E. Davis D-110	8b	57	263715	Puerto Rico	MacDaniels 78 BM (Adapted to tropics)	8b	57
262160	Spain	USDA E. Davis D-111	8b	57	263716	Puerto Rico	MacDaniels 8C Native Large Cherry	8b	57
262162	Switzerland	USDA E. Davis D-116 (For use under glass)	8a	29	263717	Puerto Rico	MacDaniels 104 AM Crack Resistant	8b	57
262173	Germany	USDA E. Davis D-178	8b	57	263718	Puerto Rico	MacDaniels 105-A High set, crack resistant	8b	57
		Cold resistant (as low as -4 or -5°C.)			263719	Puerto Rico	MacDaniels 119	8b	57
262174	Germany	USDA E. Davis D-179	8a	29	263720	Puerto Rico	MacDaniels 123 High set	8b	57
262175	Germany	USDA E. Davis D-195	8b	57	263721	Puerto Rico	MacDaniels 126M Nematode resistant, good set	8b	57
		Sel. from 'Money Maker'			263722	Puerto Rico	MacDaniels 199 Bacterial wilt resistant	8b	57
262892	Mexico	USDA H. S. Gentry No. 17741	8b	57	263723	Puerto Rico	MacDaniels 214 High fruit set	8b	57
262906	Spain	USDA E. Davis D-32 'La Rochapes'	8a	29	263724	Puerto Rico	MacDaniels 242	8b	57
262907	Spain	USDA E. Davis D-33 'Estonors'	8a	29	263725	Puerto Rico	MacDaniels 408 Determinate, large size	8b	57
262908	Spain	USDA E. Davis 'Palo Santo'	8a	29	263726	Puerto Rico	MacDaniels 414 Good quality, giant	8b	57
262909	Spain	USDA E. Davis 'Perfection'	8b	57	264336	Spain	USDA E. Davis D-109 'Rachapea' from Nat. Inst. Prod. Sel. Seeds, Madrid	8b	57
262910	Spain	USDA E. Davis 'San Marzano'	8a	29	264548	Chile	USOM Santiago 'Limachino'	8b	57
262929	USSR	Union Inst. of Plant Ind., Leningrad, Gruntovy Gribovsky 1180	8b	57	265955	Hawaii	J. C. Gilbert A.E.S. 'Anahu'	8b	57
262930	USSR	Gruntovy Skorospely 1165	8b	57				4a	11
262931	USSR	Union Inst. of Plant Ind., Leningrad 'Belovussky 225'	8a	29	265956	Hawaii	J. C. Gilbert A.E.S. 'Kolea C'	8b	57
262932	USSR	'Shtambovy Karlik 1185	8a	29				4a	11
262933	USSR	'Erevani 14'	8b	57	265957	Hawaii	J. C. Gilbert HES 6321 (6147)	8b	57
262934	USSR	'Malintka lol'	8a	29				4a	11
262935	USSR	'Biisky Zhelty'	8a	29	266375	Peru	D. S. Correll No. P 789	5d	15
262936	USSR	'Shtambovy Ranny 1563'	8b	57	266376	Peru	No. 834	5d	16
262937	USSR	'Shtambovy Kartofelno listny No. 1648'	8a	29	266377*	Peru	No. 943	5d	16
262938	USSR	'Kiselevsky'	8a	29	268107	Mexico	Roc. Found., Mexico City	8b	57
262939	USSR	'Talalikhin No. 186'	8a	29	268407	Afghanistan	USDA J. R. Harlan No. 293	8b	57
262940	USSR	'Korneevsky'	8a	29	269139	Netherlands	Rootstalk K (Known sp. cross <i>L. esc.</i> x <i>L. hir.</i>)	7a	19
262991	Netherlands	USDA E. Davis D-299 'Excelsior'	8a	29	269140	Netherlands	Rootstalk KN (Known sp. cross <i>L. esc.</i> x <i>L. hir.</i>)	7a	19
262992	Netherlands	USDA E. Davis D-300 'Tuckwood'	8a	29	269141	Netherlands	Rootstalk KV (Known sp. cross <i>L. esc.</i> x <i>L. hir.</i>)	7a	19
262993	Netherlands	USDA E. Davis D-301 'Number 10'	8a	29	269142	Netherlands	Rootstalk KVF (Know sp. cross <i>L. esc.</i> x <i>L. hir.</i>)	7a	19
262994	Netherlands	USDA E. Davis D-302 'Glory'	8a	29	269512	W. Pakistan	USDA J. R. Harlan No. 422	8b	57
262995	Netherlands	USDA E. Davis D-303 'Ailsa Craig'	8a	29	269513	W. Pakistan	No. 662	8b	57
262996	Netherlands	USDA E. Davis D-304 'Moneymaker'	8a	29	269514	W. Pakistan	No. 981	8b	57
262997	Netherlands	USDA E. Davis D-305 'Ronald F'	8a	29	270149	Mexico	Larson & Alvarez, Roc. Found. No. 6-N	8b	57
262998	Netherlands	USDA E. Davis D-313 'Pools glas'	8a	29					
262999	Netherlands	'Pride Selection B'	8a	29					
263000	Netherlands	'Pride Selection C'	8a	29					
263589	Mexico	USDA H. S. Gentry No. 17856	6	18					
		L. H. MacDaniels, Rio Piedras AES Puerto Rico							

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
270150	Mexico	Larson Agr. Prog. Roc. Found. No. 7-N	7b	22	270206	Ohio	'Ponderosa' Holmes Seed Co., Canton	8a	30
270171	Michigan	'Baltimore' Ferry-Morse Seed Co., Detroit	8a	29	270207	Ohio	'Pritchard' Holmes Seed Co., Canton	8a	30
270172	Ohio	'Bonny Best' Holmes Seed Co., Canton	8a	29	270208	Michigan	'Queens' Ferry-Morse Seed Co., Detroit	8a	30
270173	Ohio	'Bounty' Holmes Seed Co., Canton	8a	29	270209	New Jersey	'Rutgers' Exp. Sta., New Brunswick	8a	30
270174	Michigan	'Break O'Day' Ferry-Morse Seed Co., Detroit	8a	29	270210	Connecticut	'Sioux' Assoc. Seed Growers, New Haven	8a	30
270175	Michigan	'Cardinal' Ferry-Morse Seed Co., Detroit	8a	29	270211	New Jersey	'Stokesdale' F. C. Stokes, Vincentown	8a	30
270176	Canada	'Cobourg' Hort. Exp. Sta., Vineland, Ont.	8a	29	270212	New York	'Valiant' Joseph Harris Co., Rochester	8a	30
270177	New York	'Comet' Joseph Harris Co., Rochester	8a	29	270213	Michigan	'Victor' Michigan State U., E. Lansing	8a	30
270178	Ohio	'Coopers Special' Holmes Seed Co., Canton	8a	29	270214	Oklahoma	'Angora' M. Hardin, Geary	8a	30
270179	Michigan	'Crack Proof Pink' Ferry-Morse Seed Co., Detroit	8a	29	270215	S. Carolina	'Baby Lea,' S. E. Veg. Breed. Lab., Charleston, S. C.	8a	30
270180	Ohio	'Dwarf Champion' Holmes Seed Co., Canton	8a	29	270216	Michigan	'Bison' Ferry-Morse Seed Co., Detroit	8a	30
270181	Ohio	'Earliana Pennsylvania' Holmes Seed Co.,	8a	29	270217	Illinois	'Blackhawk' Hort. Dept., U. of Ill., Urbana	8a	30
270182	Connecticut	'Early Red' Woodruff & Sons, Milford, Ohio	8a	30	270218	Michigan	'Burgess Crack Proof' Burgess Seed Co., Galesburg	8a	30
270183	Michigan	'Firesteel' Ferry-Morse Seed Co., Detroit	8a	30	270219	Canada	'Camdown' Hort. Exp. Sta., Vineland, Ont.	8a	30
270184	New Jersey	'Garden State' Campbell Soup Co., Riverton	8a	30	270220	S. Carolina	'Dwarf Recessive' S. E. Veg. Breed. Lab., Charleston	8a	30
270185	Ohio	'Globe' A.E.S., Wooster	8a	30	270221	Illinois	'Early Baltimore' Hort. Dept., U. of Ill., Urbana	8a	30
270186	Ohio	'Globe' Livingston Seed Co., Columbus	8a	30	270222	Illinois	'Early Canner' Hort. Dept., U. of Ill., Urbana	8a	30
270187	Ohio	'Globe, Strain A,' A.E.S., Wooster	8a	30	270223	California	'Early Hybrid Giant' Peto Seed Co., Saticoy, Calif.	8a	30
270188	Ohio	'Globelle' A.E.S., Wooster	8a	30	270224	California	'Early Hycross' Peto Seed Co., Saticoy	8a	30
270189	Connecticut	'Growthens Globe' Woodruff & Sons, Milford, Ohio	8a	30	270225	California	'Early Prolific' Peto Seed Co., Saticoy	8a	30
270190	Connecticut	'Gulf State Market' Woodruff & Sons, Milford, Ohio	8a	30	270226	Michigan	'Early Santa Clara Canner' Ferry-Morse Seed Co., Detroit	8a	30
270191	Illinois	'Ind.-Baltimore' Vaughan Seed Co., Chicago	8a	30	270227	S. Carolina	'Extreme Dwarf Det.' S. E. Veg. Breed. Lab., Charleston	8a	30
270192	Michigan	'John Baer' Ferry-Morse Seed Co., Detroit	8a	30	270228	New York	'Fireball' Joseph Harris Co., Rochester	8a	30
270193	New Jersey	'J. T. Dorrence' Campbell Soup Co., Riverton	8a	30	270229	California	'Giant King Hybrid,' Peto Seed Co., Saticoy	8a	30
270194	Michigan	'June Pink' Ferry-Morse Seed Co., Detroit	8a	30	270230	Texas	'Golden Sphere' Tomato Dis. Lab., Jacksonville	8a	30
270195	Michigan	'Long Red' Ferry-Morse Seed Co., Detroit	8a	30	270231	Canada	'Harkness' Hort. Exp. Sta., Vineland	8a	30
270196	Michigan	'Louisiana Pink' Ferry-Morse Seed Co., Detroit	8a	30	270232	Missouri	'Homestead' Corneli Seed Co., St. Louis	8a	31
270197	Louisiana	'Louisiana Red' Reuter Seed Co., Inc., New Orleans	8a	30	270233	Canada	'Improved Wasatch Beauty,' Hort. Exp. Sta., Vineland, Ont.	8a	31
270198	Ohio	'Marglobe' Holmes Seed Co., Canton	8a	30	270234	Utah	'Loran Blood' A.E.S., Logan	8a	31
270199	Michigan	'Michigan State Forcing' Michigan State, E. Lansing	8a	30	270235	Florida	'Manahill' A.E.S., Bradenton	8a	31
270200	Michigan	'Morse's 498' Ferry-Morse Seed Co., Detroit	8a	30	270236	Ohio	'Manalucie' Gleckler Seed Co., Metamora	8a	31
270201	Ohio	'New Stone' A.E.S., Wooster	8a	30	270237	Florida	'Manasota' Exp. Sta., Bradenton	8a	31
270202	Michigan	'Oxheart' Ferry-Morse Seed Co., Detroit	8a	30	270238	S. Carolina	'Norduke' S. E. Veg. Breed. Lab., Charleston	8a	31
270203	Connecticut	'Pan America' Woodruff & Sons, Milford	8a	30	270239	Ohio	'Ohio W-R Brookston' A.E.S., Wooster	8a	31
270204	Michigan	'Pearson' Ferry-Morse Seed Co., Detroit	8a	30					
270205	Michigan	'Pennheart' Ferry-Morse Seed Co., Detroit	8a	30					

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
270240	Canada	'Pennred' Hort. Exp. Sta., Vineland, Ont.	8a	31	270273	Canada	'Harrow' Stokes Seed Co., St. Catherines, Canada	8a	31
270241	Maryland	'Pinkshipper' USDA, Beltsville	8a	31	270274	Ohio	'Marhio' A.E.S., Wooster	8a	31
270242	Illinois	'Prairiana' Hort. Dept., U. of Ill., Urbana	8a	31	270275	Ohio	'Marietta No. 1' A.E.S., Wooster	8a	31
270243	Maryland	'Roma' USDA, Beltsville	8a	31	270276	New York	'Master Marglobe' Stokes Seed Co., Vincentown	8a	31
270244	Missouri	'Southland' Corneli Seed Co., St. Louis	8a	31	270277	Ohio	'Ohio W-R Globe' A.E.S., Wooster	8a	31
270245	Canada	'Potentate' Hort. Exp. Sta., Vineland, Ont.	8a	31	270278	Ohio	'Ohio W-R Jubilee' A.E.S., Wooster	8a	31
270246	S. Carolina	'Stemless Pennorange' S. E. Veg. Breed. Lab., Charleston	8a	31	270279	New Jersey	'Ontario' Campbell Soup Co., Riverton	8a	31
270247	Canada	'Sterling Castle' Hort. Exp. Sta., Vineland, Ont.	8a	31	270280	Ohio	'Pearl Harbor' A.E.S., Wooster	8a	31
270248	S. Carolina	'Sugar' S. E. Veg. Breed. Lab., Charleston	8a	31	270281	Texas	'Porter Tomato' Porter & Son, Stephenville	8a	31
270249	Maryland	'Sunray' USDA, Beltsville	8a	31	270282	Indiana	'Purdue 1361' Purdue U., Lafayette	8a	32
270250	Texas	'Texto 2' Tomato Dis. Lab., Jacksonville	8a	31	270283	New York	'Red Jacket' A.E.S., Geneva	8a	32
270251	Missouri	'Urbana' Corneli Seed Co., St. Louis	8a	31	270284	Texas	'S1446 Summer Cherry' Tom. Dis. Lab., Jacksonville	8a	32
270252	Canada	'V-121' Hort. Exp. Sta., Vineland, Ont.	8a	31	270285	Washington	'Washington State Forcing' Pullman	8a	32
270253	Canada	'Vagabond' Hort. Exp. Sta., Vineland, Ont.	8a	31	270286	Ohio	'Westernred' Gleckler Seed Co., Metamora	8a	32
270254	Canada	'Veto Mold' Hort. Exp. Sta., Vineland, Ont.	8a	31	270403	Mexico	Larson & Alvarez, Roc. Found. No. 37	8b	57
270255	Canada	'Vulcan' Hort. Exp. Sta., Vineland, Ont.	8a	31	270404	Mexico	No. 39	8b	57
270256	Michigan	'White Beauty' Burgess Seed Co., Galesburg	8a	31	270405	Mexico	No. 2	8b	58
270257	S. Carolina	'White Flowered Marglobe,' S. E. Veg. Breed. Lab., Charleston	8a	31	270406	Mexico	No. 3	8b	58
270258	Wisconsin	'Budzien' John Budzien, Milwaukee	8a	31	270407	Mexico	No. 4	8b	58
270259	Michigan	'Burgess Early Wonder' Burgess Seed Co., Galesburg	8a	31	270408	Mexico	No. 5	8b	58
270260	Michigan	'Burgess Lemon' Burgess Seed Co., Galesburg	8a	31	270409	Mexico	No. 6	8b	58
270261	Michigan	'Burgess Mammoth Wonder' Burgess Seed Co., Galesburg	8a	31	270410	Mexico	No. 7	8b	58
270262	Maryland	'Chesapeake' U. of Md., College Park	8a	31	270411	Mexico	No. 8	8b	58
270263	Ohio	Chicago No. 1 A.E.S., Wooster	8a	31	270412	Mexico	No. 9	8b	58
270264	New York	Cornell Crack Resistant 55-512 A.E.S., Ithaca	8a	31	270413	Mexico	No. 10	8b	58
270265	New York	Cornell Crack Resistant 55-539	8a	31	270414	Mexico	No. 11	8b	58
270266	New York	55-542	8a	31	270415	Mexico	No. 13	8b	58
270267	New York	55-548-2	8a	31	270416	Mexico	No. 14	8b	58
270268	New York	55-549-2	8a	31	270417	Mexico	No. 15	8b	58
270269	Ohio	'Early Scarlet' Gleckler Seed Co., Metamora	8a	31	270418	Mexico	No. 17	8b	58
270270	New York	'Gem' A.E.S., Geneva	8a	31	270419	Mexico	No. 18	8b	58
270271	S. Carolina	'German Sugar T & 5 M' S. E. Veg. Breed. Lab., Charleston	8a	31	270420	Mexico	No. 19	8b	58
270272	Ohio	'Gold Dust Crack Proof' Gleckler Seed Co., Metamora	8a	31	270421	Mexico	No. 20	8b	58
					270422	Mexico	No. 21	8b	58
					270423	Mexico	No. 22	8b	58
					270424	Mexico	No. 38	8b	58
					270425	Mexico	No. 40	8b	58
					270426	Mexico	No. 41	8b	58
					270427	Mexico	No. 42	8b	58
					270428	Mexico	No. 43	8b	58

TABLE 9 - (continued)

PI		PI			PI		PI			
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.	
270429	Mexico	Larson & Alvarez, Roc. Found.	No. 44	8b	58	271781	S. Africa	'Red Kahki' Div. of Hort., Dept. of Agr., Pretoria	8b	58
270430	Mexico		No. 45	8b	58					
270431	Mexico		No. 46	8b	58	272219	Italy	Inst. Veg. Gen., Piacenza 'Gimar'	8a	32
270432	Mexico		No. 50	8b	58	272626	El Salvador	Schwanitz, Hamburg, Germany	No. 1140	8b
270433	Mexico		No. 51	8b	58	272627	El Salvador		No. 1141	8b
						272628	El Salvador		No. 1142	8b
270434	Mexico		No. 52	8b	58					
270435	Mexico		No. 48	5d	16	272629	El Salvador		No. 1143	8b
270436	Mexico		No. 1	7b	22	272630	El Salvador		No. 1144	8b
270437	Mexico		No. 12	7b	22	272631	El Salvador		No. 1145	8b
270438	Mexico		No. 16	7b	22	272632	El Salvador		No. 1146	8b
						272633	El Salvador		No. 1147	8b
270439	Mexico		No. 23	6	18					
270440	Mexico		No. 24	6	18	272634	El Salvador		No. 1148	8b
270441	Mexico		No. 25	6	18	272635	Costa Rica		No. 1149	8b
270442	Mexico		No. 26	6	18	272636	Costa Rica		No. 1150	8b
270443	Mexico		No. 27	6	18	272637	Costa Rica		No. 1151	8b
						272638	Costa Rica		No. 1152	8b
270444	Mexico		No. 28	6	18					
270445	Mexico		No. 29	6	18	272640	El Salvador		No. 1154	8b
270446	Mexico		No. 30	6	18	272641	El Salvador		No. 1155	6
270447	Mexico		No. 31	6	18	272643	El Salvador		No. 1157	8b
270448	Mexico		No. 32	6	18	272644	Guatemala		No. 1158	8b
						272645	Guatemala		No. 1159	8b
270449	Mexico		No. 33	6	18					
270450	Mexico		No. 34	6	18	272646	Guatemala		No. 1160	7b
270451	Mexico		No. 35	6	18	272647	Guatemala		No. 1161	8b
270452	Mexico		No. 36	6	18	272648	Guatemala		No. 1162	8b
270453	Mexico		No. 47	6	18	272649	Guatemala		No. 1163	8b
						272650	Guatemala		No. 1164	6
270454	Mexico		No. 49	7b	23					
271122	Canada	Gen. & Plant Breed. Res. Inst., Ottawa	57BIC4	8b	58	272651	Guatemala		No. 1165	8b
						272652	Guatemala		No. 1166	8b
271123	Canada	Gen. & Plant Breed. Res. Inst., Ottawa	57KIA1	8b	58	272653	Guatemala		No. 1167	8b
						272654	Guatemala		No. 1168	7b
271124	Canada	Gen. & Plant Breed. Res. Inst., Ottawa	57TIA	8b	58	272655	Guatemala		No. 1169	8b
						272656	Guatemala		No. 1170	8b
271381	India	USDA J. R. Harlan	No. 1505 'Jaipur'	8b	58	272657	Guatemala		No. 1171	7b
271382	India		No. 1506 'Bewar'	8b	58	272658	Guatemala		No. 1172	8b
271383	India		No. 1507 'Meeneti'	8b	58	272660	Guatemala		No. 1174	8b
271384	India		No. 1508 K-1019	8b	58	272662	Guatemala		No. 1176	8b
271385	India		No. 1509 IC-1464	8b	58	272663	Guatemala		No. 1177	8b
271386	India		No. 1510 IC-2325	8b	58	272664	El Salvador		No. 1178	8b
						272665	El Salvador		No. 1179	8b
272387	India		No. 1511 IC-4874	8b	58	272666	El Salvador		No. 1180	8b
271388	India		No. 1512 IC-4875	8b	58	272667	El Salvador		No. 1181	8b
271481	India		No. 1194	8b	58					
271482	India		No. 1281	8b	58	272668	El Salvador		No. 1182	8b
271780	S. Africa	'Homestead' Div. of Hort., Dept. Agr., Pretoria		8a	32	272669	El Salvador		No. 1183	8b

TABLE 9 - (continued)

PI					PI						
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.		
272670	El Salvador	Schwanitz, Hamburg, Germany	No. 1184	8b	59	272713	Guatemala	Schwanitz, Hamburg, Germany	No. 1227	8b	60
272671	El Salvador		No. 1185	8b	59	272714	Guatemala		No. 1228	8b	60
272672	El Salvador		No. 1186	8b	59	272715	Guatemala		No. 1229	8b	60
272673	El Salvador		No. 1187	8b	59	272716	Guatemala		No. 1230	8b	60
272674	El Salvador		No. 1188	8b	59	272717	Guatemala		No. 1231	8b	60
272675	El Salvador		No. 1189	8b	59	272718	Guatemala		No. 1232	8b	60
272676	El Salvador		No. 1190	8b	59	272719	Guatemala		No. 1233	8b	60
272677	El Salvador		No. 1191	8b	59	272720	Guatemala		No. 1234	8b	60
272678	El Salvador		No. 1192	8b	59	272721	Guatemala		No. 1235	8b	60
272679	El Salvador		No. 1193	8b	59	272722	Guatemala		No. 1236	8b	60
272680	El Salvador		No. 1194	8b	59	272723	Guatemala		No. 1237	8b	60
272681	El Salvador		No. 1195	8b	59	272724	Guatemala		No. 1238	8b	60
272682	El Salvador		No. 1196	8b	59	272725	Guatemala		No. 1239	8b	60
272683	El Salvador		No. 1197	8b	59	272726	Guatemala		No. 1240	8b	60
272684	El Salvador		No. 1198	8b	59	272727	El Salvador		No. 1241	8b	60
272685	El Salvador		No. 1199	8b	60	272728	El Salvador		No. 1242	8b	60
272686	El Salvador		No. 1200	8b	60	272729	El Salvador		No. 1243	8b	60
272687	El Salvador		No. 1201	8b	60	272730	El Salvador		No. 1244	8b	60
272688	El Salvador		No. 1202	8b	60	272731	El Salvador		No. 1245	8b	60
272689	El Salvador		No. 1203	8b	60	272732	El Salvador		No. 1246	8b	61
272690	El Salvador		No. 1204	8b	60	272733	El Salvador		No. 1247	8b	61
272691	El Salvador		No. 1205	8b	60	272734	El Salvador		No. 1248	8b	61
272692	El Salvador		No. 1206	8b	60	272735	El Salvador		No. 1249	8b	61
272693	El Salvador		No. 1207	8b	60	272736	El Salvador		No. 1250	8b	61
272694	Honduras		No. 1208	8b	60	272737	El Salvador		No. 1251	8b	61
272695	Honduras		No. 1209	8b	60	272738	El Salvador		No. 1252	8b	61
272696	El Salvador		No. 1210	8b	60	272739	El Salvador		No. 1253	8b	61
272697	El Salvador		No. 1211	8b	60	272740	El Salvador		No. 1254	8b	61
272698	El Salvador		No. 1212	8b	60	272741	El Salvador		No. 1255	8b	61
272699	El Salvador		No. 1213	8b	60	272742	El Salvador		No. 1256	8b	61
272700	El Salvador		No. 1214	8b	60	272743	El Salvador		No. 1257	8b	61
272701	Guatemala		No. 1215	8b	60	272744	El Salvador		No. 1258	8b	61
272702	Guatemala		No. 1216	8b	60	272745	El Salvador		No. 1259	8b	61
272703	Guatemala		No. 1217	8b	60	272746	El Salvador		No. 1260	8b	61
272704	Guatemala		No. 1218	8b	60	272747	El Salvador		No. 1261	8b	61
272705	Guatemala		No. 1219	8b	60	272748	El Salvador		No. 1262	8b	61
272706	Guatemala		No. 1220	8b	60	272749	El Salvador		No. 1263	8b	61
272707	Guatemala		No. 1221	8b	60	272750	El Salvador		No. 1264	8b	61
272708	Guatemala		No. 1222	8b	60	272751	El Salvador		No. 1265	8b	61
272709	Guatemala		No. 1223	8b	60	272752	El Salvador		No. 1266	8b	61
272710	Guatemala		No. 1224	8b	60	272753	El Salvador		No. 1267	8b	61
272711	Guatemala		No. 1225	8b	60	272754	El Salvador		No. 1268	8b	61
272712	Guatemala		No. 1226	8b	60	272755	El Salvador		No. 1269	8b	61

TABLE 9 – (continued)

PI							PI						
Number	Source	Collector or Donor Notes			Table	P.	Number	Source	Collector or Donor Notes			Table	P.
272756	El Salvador	Schwanitz, Hamburg Germany	No. 1270	8b	61	272799	El Salvador	Schwanitz, Hamburg Germany	No. 1313	8b	62		
272757	El Salvador		No. 1271	8b	61	272800	El Salvador		No. 1314	8b	62		
272758	El Salvador		No. 1272	8b	61	272801	El Salvador		No. 1315	8b	62		
272759	El Salvador		No. 1273	8b	61	272802	El Salvador		No. 1316	8b	62		
272760	El Salvador		No. 1274	8b	61	272803	El Salvador		No. 1317	8b	62		
272761	El Salvador		No. 1275	8b	61	272804	El Salvador		No. 1318	8b	62		
272762	El Salvador	No. 1276	8b	61	272805	El Salvador	No. 1319	8b	62				
272763	El Salvador	No. 1277	8b	61	272806	El Salvador	No. 1320	8b	62				
272764	El Salvador	No. 1278	8b	61	272807	El Salvador	No. 1321	8b	62				
272765	El Salvador	No. 1279	8b	61	272808	El Salvador	No. 1322	8b	62				
272766	El Salvador	No. 1280	8b	61	272809	El Salvador	No. 1323	8b	62				
272767	El Salvador	No. 1281	8b	61	272810	El Salvador	No. 1324	8b	62				
272768	El Salvador	No. 1282	8b	61	272811	El Salvador	No. 1325	8b	62				
272769	El Salvador	No. 1283	8b	61	272812	Honduras	No. 1326	8b	62				
272770	El Salvador	No. 1284	8b	61	272813	El Salvador	No. 1327	8b	62				
272771	El Salvador	No. 1285	8b	61	272814	El Salvador	No. 1328	8b	62				
272772	El Salvador	No. 1286	8b	61	272815	El Salvador	No. 1329	8b	62				
272773	El Salvador	No. 1287	8b	61	272816	El Salvador	No. 1330	8b	62				
272774	El Salvador	No. 1288	8b	61	272817	El Salvador	No. 1331	8b	62				
272775	El Salvador	No. 1289	8b	61	272818	El Salvador	No. 1332	8b	62				
272776	El Salvador	No. 1290	8b	61	272819	El Salvador	No. 1333	8b	62				
272777	El Salvador	No. 1291	8b	61	272820	El Salvador	No. 1334	8b	62				
272778	El Salvador	No. 1292	8b	61	272821	El Salvador	No. 1335	8b	62				
272779	El Salvador	No. 1293	8b	62	272822	El Salvador	No. 1336	8b	62				
272780	El Salvador	No. 1294	8b	62	272823	El Salvador	No. 1337	8b	62				
272781	El Salvador	No. 1295	8b	62	272824	El Salvador	No. 1338	8b	62				
272782	El Salvador	No. 1296	8b	62	272825	El Salvador	No. 1339	8b	62				
272783	El Salvador	No. 1297	8b	62	272826	El Salvador	No. 1340	8b	63				
272784	El Salvador	No. 1298	8b	62	272827	El Salvador	No. 1341	8b	63				
272785	El Salvador	No. 1299	8b	62	272828	El Salvador	No. 1342	8b	63				
272786	El Salvador	No. 1300	8b	62	272829	El Salvador	No. 1343	8b	63				
272787	Guatemala	No. 1301	8b	62	272830	El Salvador	No. 1344	8b	63				
272788	Guatemala	No. 1302	8b	62	272831	El Salvador	No. 1345	8b	63				
272789	Guatemala	No. 1303	8b	62	272832	El Salvador	No. 1346	8b	63				
272790	Guatemala	No. 1304	8b	62	272833	El Salvador	No. 1347	8b	63				
272791	Guatemala	No. 1305	8b	62	272834	El Salvador	No. 1348	8b	63				
272792	El Salvador	No. 1306	8b	62	272835	El Salvador	No. 1349	8b	63				
272793	El Salvador	No. 1307	8b	62	272836	El Salvador	No. 1350	8b	63				
272794	El Salvador	No. 1308	8b	62	272837	El Salvador	No. 1351	8b	63				
272795	El Salvador	No. 1309	8b	62	272838	El Salvador	No. 1352	8b	63				
272796	El Salvador	No. 1310	8b	62	272839	El Salvador	No. 1353	8b	63				
272797	El Salvador	No. 1311	8b	62	272840	El Salvador	No. 1354	8b	63				
272798	El Salvador	No. 1312	8b	62	272841	El Salvador	No. 1355	8b	63				

TABLE 9 – (continued)

PI					PI						
Number	Source	Collector or Donor Notes		Table	P.	Number	Source	Collector or Donor Notes		Table	P.
272842	El Salvador	Schwanitz, Hamburg Germany	No. 1356	8b	63	272885	Guatemala	Schwanitz, Hamburg Germany	No. 1399	8b	64
272843	El Salvador		No. 1357	8b	63	272886*	Guatemala		No. 1400	8b	64
272844	El Salvador		No. 1358	8b	63	272887	El Salvador		No. 1401	8b	64
272845	El Salvador		No. 1359	8b	63	272888	El Salvador		No. 1402	8b	64
272846	El Salvador		No. 1360	8b	63	272889	El Salvador		No. 1403	8b	64
272847	El Salvador		No. 1361	8b	63	272890	Guatemala		No. 1404	8b	64
272848	El Salvador		No. 1362	8b	63	272891	Guatemala		No. 1405	8b	64
272849	El Salvador		No. 1363	8b	63	272892	Guatemala		No. 1406	8b	64
272850	El Salvador		No. 1364	8b	63	272893	El Salvador		No. 1407	8b	64
272851	El Salvador		No. 1365	8b	63	272894	El Salvador		No. 1408	8b	64
272852	El Salvador	No. 1366	8b	63	272895	El Salvador	No. 1409	8b	64		
272853	El Salvador	No. 1367	8b	63	272896	Guatemala	No. 1410	8b	64		
272854	El Salvador	No. 1368	8b	63	272897	El Salvador	No. 1411	8b	64		
272855	El Salvador	No. 1369	8b	63	272898	Guatemala	No. 1412	8b	64		
272856	Honduras	No. 1370	8b	63	272899	Guatemala	No. 1413	8b	64		
272857	Honduras	No. 1371	8b	63	272900	El Salvador	No. 1414	8b	64		
272858	Honduras	No. 1372	8b	63	272901	El Salvador	No. 1415	8b	64		
272859	El Salvador	No. 1373	8b	63	272902	El Salvador	No. 1416	8b	64		
272860	El Salvador	No. 1374	8b	63	272903	El Salvador	No. 1417	8b	64		
272861	El Salvador	No. 1375	8b	63	272904	El Salvador	No. 1418	8b	64		
272862	El Salvador	No. 1376	8b	63	272905	El Salvador	No. 1419	8b	64		
272863	El Salvador	No. 1377	8b	63	272906	El Salvador	No. 1420	8b	64		
272864	El Salvador	No. 1378	8b	63	272907	El Salvador	No. 1421	8b	64		
272865	El Salvador	No. 1379	8b	63	272908	El Salvador	No. 1422	8b	64		
272866	El Salvador	No. 1380	8b	63	272909	El Salvador	No. 1423	8b	64		
272867	El Salvador	No. 1381	8b	63	272910	El Salvador	No. 1424	8b	64		
272868	El Salvador	No. 1382	8b	63	272911	El Salvador	No. 1425	8b	64		
272869	El Salvador	No. 1383	8b	63	272912	El Salvador	No. 1426	8b	64		
272870	El Salvador	No. 1384	8b	64	272913	El Salvador	No. 1427	8b	64		
272871	El Salvador	No. 1385	8b	64	272914	El Salvador	No. 1428	8b	64		
272872	El Salvador	No. 1386	8b	64	272915	El Salvador	No. 1429	8b	64		
272873	El Salvador	No. 1387	8b	64	272916	El Salvador	No. 1430	8b	64		
272874	El Salvador	No. 1388	8b	64	272917	El Salvador	No. 1431	8b	65		
272875	El Salvador	No. 1389	8b	64	272918	El Salvador	No. 1432	8b	65		
272876	El Salvador	No. 1390	8b	64	272919	El Salvador	No. 1433	8b	65		
272877	El Salvador	No. 1391	8b	64	272920	El Salvador	No. 1434	8b	65		
272878	Guatemala	No. 1392	8b	64	272921	El Salvador	No. 1435	8b	65		
272879	Guatemala	No. 1393	8b	64	272922	El Salvador	No. 1436	8b	65		
272880	Guatemala	No. 1394	8b	64	272923	El Salvador	No. 1437	8b	65		
272881	Guatemala	No. 1395	8b	64	272924	El Salvador	No. 1438	8b	65		
272882	Guatemala	No. 1396	8b	64	272925	El Salvador	No. 1439	8b	65		
272883	Guatemala	No. 1397	8b	64	272926	El Salvador	No. 1440	8b	65		
272884	Guatemala	No. 1398	8b	64	272927	Honduras	No. 1441	8b	65		
					272928	Honduras	No. 1442	8b	65		

TABLE 9 - (continued)

PI			PI			PI			PI					
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
272929	Honduras	Schwanitz, Hamburg Germany	No. 1443	8b	65	272972	El Salvador	Schwanitz, Hamburg, Germany	No. 1486	8b	66			
272930	El Salvador		No. 1444	8b	65	272973	El Salvador		No. 1487	8b	66			
272931	El Salvador		No. 1445	8b	65	272974	El Salvador		No. 1488	8b	66			
272932	El Salvador		No. 1446	8b	65	272975	El Salvador		No. 1489	8b	66			
272933	El Salvador		No. 1447	8b	65	272976	El Salvador		No. 1490	8b	66			
272934	El Salvador		No. 1448	8b	65	272977	El Salvador		No. 1491	8b	66			
272935	El Salvador		No. 1449	8b	65	272978	El Salvador		No. 1492	8b	66			
272936	El Salvador		No. 1450	8b	65	272979	El Salvador		No. 1493	8b	66			
272937	Guatemala		No. 1451	8b	65	272980	El Salvador		No. 1494	8b	66			
272938	Guatemala		No. 1452	8b	65	272981	El Salvador		No. 1495	8b	66			
272939	Guatemala		No. 1453	8b	65	272982	Honduras		No. 1496	8b	66			
272940	Guatemala		No. 1454	8b	65	272983	El Salvador		No. 1497	8b	66			
272941	Guatemala		No. 1455	8b	65	272984	Guatemala		No. 1498	8b	66			
272942*	Guatemala		No. 1456	8b	65	272985	Guatemala		No. 1499	8b	66			
272943	El Salvador		No. 1457	8b	65	272986	Guatemala		No. 1500	8b	66			
272944	El Salvador		No. 1458	8b	65	272987	Guatemala		No. 1501	8b	66			
272945	El Salvador		No. 1459	8b	65	272988	Guatemala		No. 1502	8b	66			
272946	El Salvador		No. 1460	8b	65	272989	Guatemala		No. 1503	8b	66			
272947	Honduras		No. 1461	8b	65	272990	Guatemala		No. 1504	8b	66			
272948	Honduras		No. 1462	8b	65	272991	El Salvador		No. 1505	8b	66			
272949	El Salvador		No. 1463	8b	65	272992	El Salvador		No. 1506	8b	66			
272950	El Salvador		No. 1464	8b	65	272993	El Salvador		No. 1507	8b	66			
272951	El Salvador		No. 1465	8b	65	272994	El Salvador		No. 1508	8b	66			
272952	El Salvador		No. 1466	8b	65	272995	El Salvador		No. 1509	8b	66			
272953	El Salvador		No. 1467	8b	65	272996	El Salvador		No. 1510	8b	66			
272954	El Salvador		No. 1468	8b	65	272997	El Salvador		No. 1511	8b	66			
272955	El Salvador		No. 1469	8b	65	272998	El Salvador		No. 1512	8b	66			
272956	Guatemala		No. 1470	8b	65	272999	El Salvador		No. 1513	8b	66			
272957	Guatemala		No. 1471	8b	65	273000	El Salvador		No. 1514	8b	66			
272958	Guatemala		No. 1472	8b	65	273001	El Salvador		No. 1515	8b	66			
272959	Guatemala		No. 1473	8b	65	273002	El Salvador		No. 1516	8b	66			
272960	Guatemala		No. 1474	8b	65	273003	El Salvador		No. 1517	8b	66			
272961	Guatemala		No. 1475	8b	65	273004	El Salvador		No. 1518	8b	66			
272962	Guatemala		No. 1476	8b	65	273005	El Salvador		No. 1519	8b	66			
272963	Honduras		No. 1477	8b	66	273006	El Salvador		No. 1520	8b	66			
272964	El Salvador		No. 1478	8b	66	273007	El Salvador		No. 1521	8b	66			
272965	El Salvador		No. 1479	8b	66	273008	El Salvador		No. 1522	8b	66			
272966	El Salvador		No. 1480	8b	66	273009	El Salvador		No. 1523	8b	66			
272967	El Salvador		No. 1481	8b	66	273010	El Salvador		No. 1524	8b	67			
272968	El Salvador		No. 1482	8b	66	273011	Guatemala		No. 1525	8b	67			
272969	El Salvador		No. 1483	8b	66	273012	Guatemala		No. 1526	8b	67			
272970	El Salvador		No. 1484	8b	66	273013	El Salvador		No. 1527	8b	67			
272971	El Salvador		No. 1485	8b	66	273014	El Salvador		No. 1528	8b	67			

TABLE 9 - (continued)

PI					PI						
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.		
273015	El Salvador	Schwanitz, Hamburg, Germany	No. 1529	8b	67	273058	El Salvador	Schwanitz, Hamburg, Germany	No. 1572	8b	68
273016	El Salvador		No. 1530	8b	67	273059	El Salvador		No. 1573	8b	68
273017	El Salvador		No. 1531	8b	67	273060	El Salvador		No. 1574	8b	68
273018	El Salvador		No. 1532	8b	67	273061	El Salvador		No. 1575	8b	68
273019	El Salvador		No. 1533	8b	67	273062*	El Salvador		No. 1576	8b	68
273020	El Salvador		No. 1534	8b	67	273063*	El Salvador		No. 1577	8b	68
273021	El Salvador		No. 1535	8b	67	273064	El Salvador		No. 1578	8b	68
273022	El Salvador		No. 1536	8b	67	273065	El Salvador		No. 1579	8b	68
273023	El Salvador		No. 1537	8b	67	273066	El Salvador		No. 1580	8b	68
273024	El Salvador		No. 1538	8b	67	273067	El Salvador		No. 1581	8b	68
273025	El Salvador		No. 1539	8b	67	273068	El Salvador		No. 1582	8b	68
273026	El Salvador		No. 1540	8b	67	273069	El Salvador		No. 1583	8b	68
273027	El Salvador		No. 1541	8b	67	273070	El Salvador		No. 1584	8b	68
273028	El Salvador		No. 1542	8b	67	273071	El Salvador		No. 1585	8b	68
273029	Guatemala		No. 1543	8b	67	273072	El Salvador		No. 1586	8b	68
273030	Guatemala		No. 1544	8b	67	273073	El Salvador		No. 1587	8b	68
273031	El Salvador		No. 1545	8b	67	273074	El Salvador		No. 1588	8b	68
273032	El Salvador		No. 1546	8b	67	273075	El Salvador		No. 1589	8b	68
273033	El Salvador		No. 1547	8b	67	273076	El Salvador		No. 1590	8b	68
273034	El Salvador		No. 1548	8b	67	273077	El Salvador		No. 1591	8b	68
273035	El Salvador		No. 1549	8b	67	273078	El Salvador		No. 1592	8b	68
273036	El Salvador		No. 1550	8b	67	273079	Guatemala		No. 1593	8b	68
273037	El Salvador		No. 1551	8b	67	273080	Guatemala		No. 1594	8b	68
273038	El Salvador		No. 1552	8b	67	273081	Guatemala		No. 1595	8b	68
273039	El Salvador		No. 1553	8b	67	273082*	Guatemala		No. 1596	8b	68
273040	El Salvador		No. 1554	8b	67	273083	Guatemala		No. 1597	8b	68
273041	El Salvador		No. 1555	8b	67	273084	Guatemala		No. 1598	8b	68
273042	El Salvador		No. 1556	8b	67	273085	El Salvador		No. 1599	8b	68
273043	El Salvador		No. 1557	8b	67	273086	Guatemala		No. 1600	8b	68
273044	El Salvador		No. 1558	8b	67	273087	Guatemala		No. 1601	8b	68
273045	El Salvador		No. 1559	8b	67	273088	Guatemala		No. 1602	8b	68
273046	Honduras		No. 1560	8b	67	273089	El Salvador		No. 1603	8b	68
273047	El Salvador		No. 1561	8b	67	273090	El Salvador		No. 1604	8b	68
273048	El Salvador		No. 1562	8b	67	273091	El Salvador		No. 1605	8b	68
273049	Guatemala		No. 1563	8b	67	273092*	El Salvador		No. 1606	8b	68
273050	Guatemala		No. 1564	8b	67	273093	Guatemala		No. 1607	8b	68
273051	Guatemala		No. 1565	8b	67	273094	El Salvador		No. 1608	8b	68
273052	Guatemala		No. 1566	8b	67	273095	El Salvador		No. 1609	8b	68
273053	Guatemala		No. 1567	8b	67	273096	Guatemala		No. 1610	8b	68
273054	El Salvador		No. 1568	8b	67	273097	El Salvador		No. 1611	8b	68
273055	Guatemala		No. 1569	8b	67	273098	Guatemala		No. 1612	8b	68
273056	Guatemala		No. 1570	8b	67	273099	Honduras		No. 1613	8b	68
273057*	El Salvador		No. 1571	8b	68	273100	El Salvador		No. 1614	8b	68

TABLE 9 - (continued)

PI					PI						
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.		
273101	Guatemala	Schwanitz, Hamburg, Germany	No. 1615	8b	68	273144	Guatemala	Schwanitz, Hamburg, Germany	No. 1658	8b	69
273102	Guatemala		No. 1616	8b	68	273145	Guatemala		No. 1659	8b	69
273103	Guatemala		No. 1617	8b	68	273146	Guatemala		No. 1660	8b	69
273104	Guatemala		No. 1618	8b	69	273147	Guatemala		No. 1661	8b	69
273105	El Salvador		No. 1619	8b	69	273148	Guatemala		No. 1662	8b	69
273106*	El Salvador	No. 1620	8b	69	273149	Guatemala	No. 1663	8b	69		
273107*	El Salvador	No. 1621	8b	69	273150	Guatemala	No. 1664	8b	69		
273108	El Salvador	No. 1622	8b	69	273151*	Guatemala	No. 1665	8b	70		
273109	El Salvador	No. 1623	8b	69	273152	Guatemala	No. 1666	8b	70		
273110	El Salvador	No. 1624	8b	69	273153	Guatemala	No. 1667	8b	70		
273111	El Salvador	No. 1625	8b	69	273154	Guatemala	No. 1668	8b	70		
273112	El Salvador	No. 1626	8b	69	273155	Guatemala	No. 1669	8b	70		
273113	El Salvador	No. 1627	8b	69	273156	Guatemala	No. 1670	8b	70		
273114	Guatemala	No. 1628	8b	69	273157	Guatemala	No. 1671	8b	70		
273115	El Salvador	No. 1629	8b	69	273158	El Salvador	No. 1672	8b	70		
273116	El Salvador	No. 1630	8b	69	273159	El Salvador	No. 1673	8b	70		
273117	El Salvador	No. 1631	8b	69	273160	El Salvador	No. 1674	8b	70		
273118	El Salvador	No. 1632	8b	69	273161	El Salvador	No. 1675	8b	70		
273119	El Salvador	No. 1633	8b	69	273162	El Salvador	No. 1676	8b	70		
273120	El Salvador	No. 1634	8b	69	273163	El Salvador	No. 1677	8b	70		
273121	El Salvador	No. 1635	8b	69	273164	El Salvador	No. 1678	8b	70		
273122	Guatemala	No. 1636	8b	69	273165	El Salvador	No. 1679	8b	70		
273123	Guatemala	No. 1637	8b	69	273166	El Salvador	No. 1680	8b	70		
273124	Guatemala	No. 1638	8b	69	273167	El Salvador	No. 1681	8b	70		
273125	El Salvador	No. 1639	8b	69	273168*	Guatemala	No. 1682	8b	70		
273126	El Salvador	No. 1640	8b	69	273174	Guatemala	No. 1688	8b	70		
273127	El Salvador	No. 1641	8b	69	273175	Guatemala	No. 1689	8b	70		
273128	El Salvador	No. 1642	8b	69	273176	Guatemala	No. 1690	8b	70		
273129	El Salvador	No. 1643	8b	69	273177	Guatemala	No. 1691	8b	70		
273130	Guatemala	No. 1644	8b	69	273178	Guatemala	No. 1692	8b	70		
273131	El Salvador	No. 1645	8b	69	273181	Guatemala	No. 1695	8b	70		
273132	Guatemala	No. 1646	8b	69	273182*	Guatemala	No. 1696	8b	70		
273133	El Salvador	No. 1647	8b	69	273186	Guatemala	No. 1700	8b	70		
273134	El Salvador	No. 1648	8b	69	273188	Germany	Schwanitz 'Caro Red' M. Hardin, Geary 'Bushy'	No. 1702	8a	32	
273135	Guatemala	No. 1649	8b	69	273444	Oklahoma		8a	32		
273136	El Salvador	No. 1650	8b	69				4a	11		
273137	Guatemala	No. 1651	8b	69	273445	Philippines	Bur. of Plant Ind., Manila 'Nagcarlan'	8b	70		
273138	Guatemala	No. 1652	8b	69	273446	Philippines		'Filipino No. 2'	8b	70	
273139	Guatemala	No. 1653	8b	69	273447	USSR	'Oroshan'	8b	70		
273140	Guatemala	No. 1654	8b	69	274174	Mexico	Component of PI 262892	6	18		
273141	Guatemala	No. 1655	8b	69	275014	Bulgaria	10 x 'Bizon' Bulgarian Legation, Wash., D. C.	8a	32		
273142	Guatemala	No. 1656	8b	69							
273143	Guatemala	No. 1657	8b	69	275015	Bulgaria	Bulgarian Legation, Wash., D. C. 'Komet' x 'Zaria'	8b	70		

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
275016	Bulgaria	Bulgarian Legation, Wash., D. C. 'Rudzgars' x 'Zaria'	8b	70	280598	USSR	'Voshod' (Ukraine)	8b	71
275017	Bulgaria	Bulgarian Legation, Wash., D. C. 'Zaria' x 'Komet'	8a	32	280599	USSR	'Doneckij' (Ukraine)	8b	71
276326	Norway	Norges Landbruk., Vollebekk 'Norderas Bush'	8a	32	280600	USSR	'Volgogradskij' (Volgograd region)	8b	71
276423	S. Africa	Hort. Res. Sta., Pretoria 'Nelcan'	8a	32	280601	USSR	'Kolhoznyj' (Ukraine)	8b	71
276424	S. Africa	Hort. Res. Sta., Pretoria 'Nelmark'	8a	32	280602	USSR	'Bukovinskij' (Ukraine)	8b	71
276651	Indonesia	From Inst. for Plant Dis. & Pests, Bogor, Java	8b	70	280669	USSR	'Losinoostravskij 276' (Siberia)	8b	71
277286	India	Sutton & Sons., Ltd., Calcutta 'Early Scarlet'	8a	32	280670	USSR	'Vegetativnyi hybrid 19' (Moscow region)	8b	71
279368	New York	N. E. Reg. Pl. Intro. Sta., Seg. from PI 195325 (Sus. cross)	8b	70	280671	USSR	'Sibirsky skoropelyi 1450' (western Siberia)	8b	71
279369	New York	N. E. Reg. Pl. Intro. Sta., Sel. from PI 109113 (<i>L. esculentum</i> 8a)	8b	70	280672	USSR	'Alnogoplodnyi 40' (Siberia)	8b	71
279370	New York	N. E. Reg. Pl. Intro. Sta., Sel. from PI 140415 (<i>L. esculentum</i> 8b)	8b	70	280694	India	Ind. Agr. Res. Inst., New Delhi 'Pusa Ruby'	8a	32
279371	New York	N. E. Reg. Pl. Intro. Sta., Sel. from PI 185685 (<i>L. esculentum</i> 8b)	8b	70	281553	Japan	A.I.D., Amer. Emb., Tokyo 'Furuya-K-go'	8a	32
279372	New York	N. E. Reg. Pl. Intro. Sta., Sel. from PI 195323 (<i>L. esculentum</i> 8b)	8b	70	281554	Japan	A.I.D., Amer. Emb., Tokyo 'Hikari'	8a	32
279373	Guatemala	N. E. Reg. Pl. Intro. Sta., Seg. from PI 195325 (Suspected cross 7b)	6	18	281555	Japan	A.I.D., Amer. Emb., Tokyo 'Kiyosu No. 2'	8a	32
279565	Indiana	'Caro Red' M. L. Tomes, Purdue U.	8a	32	281622	Japan	A.I.D., Amer. Emb., Tokyo 'Kasuga No. 2'	8a	32
279566	Texas	P. A. Young SV616C Tom. Dis. Lab., Jacksonville	4a	11	281866	Bulgaria	Acad. Sci., Inst. for Plant Culture, Sofia 'Linien XXIVa' (report. resistant to <i>B. michiganense</i>)	8b	71
279567	Connecticut	Clayberg 21727 'Pearl Harbor'	8a	32	281867	Bulgaria	'Linien XXIV-13' (report. res. to <i>B. michiganense</i>)	8b	71
279568	Texas	P. A. Young SR 1234E (<i>L. pimp.</i>)	6	18	281868	Bulgaria	'No. 10' (report. res. to <i>B. michiganense</i>)	8b	71
280060	Canada	'Early Dwarf' Hort. Exp. Sta., Vineland, Ont.	4a	11	281869	Bulgaria	'Plowdiwska Konserwa'	8b	71
280588	USSR	Union Inst. Plant. Ind., Leningrad 'Birince Kutskij'	8a	32	282479	Canada	'Vogue' (41-A-1) Hort. Exp., Vineland, Ont.	8a	32
280589	USSR	(Far East USSR) 'Novato'	8a	11	282960	Canada	'Tanggula' Guelph, Ontario	8a	32
280590	USSR	'Alpatjeva No. 1727'	8a	32	283903	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Alaszka'	8a	32
280591	USSR	(Armenia) 'Anait'	8b	70	283904	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Alpatieva 0905a'	8a	32
280592	USSR	(Volgograd region) 'Krasnodarec'	8b	70	283905	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Amerikanischer Zwerg'	8a	32
280593	USSR	(Moscow region) 'Greentovyj Gribovskij'	8b	70	283906	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Atom 1'	8a	32
280594	USSR	'Pecerskij' No. 2022	8a	32	283907	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Chabarovskij Stambovyj'	8a	32
280595	USSR	'Delikates' No. 2070'	8a	32	283908	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Doneckij'	8a	32
280596	USSR	'Karlík' No. 2162	8a	32	283909	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Gracie'	8a	32
280597	USSR	'Maliutka' (Ukraine)	8b	70	283910	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Gracie Torpe'	8a	32
					283911	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Hybrid 31'	8b	71
					283912	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Hybrid 31'	8b	71
					283913	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Hybrid 99' (Mnogolobnyj)	8b	71
					283914	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Ijulskie'	8b	71
					283915	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Ijulskie No. 242'	8a	32
					283916	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Jubileum'	8b	71

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
283917	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Karlikovyj Sion'	8b	71	283940	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Podarok Rodine'	8b	71
283918	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Karzelek Bialy'	8b	71	283941	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Rajce 79' (Yugoslavia)	8b	71
283919	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Karzelek Chodowski'	8b	71	283942	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Rannyj Rozovij'	8b	71
283920	Czechoslovakia	Res. Inst. for Veg., Olomouc 'Karzolek Pulawski'	8b	71	283943	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Rannyj Vitebskij'	8b	71
283921	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Kecskemeti Felmagas'	8b	71	283944	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Resista' (Hungary)	8b	71
283922	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Kecskemeti Torpe'	8b	71	283945	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Rizskie'	8b	72
283923	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Krasnoznamennyj'	8b	71	283946	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Roter Gnom'	8b	72
283924	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Krasnyj Dar'	8b	71	283947	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Rudloff'	8b	72
283925	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Kuban 557'	8b	71	283948	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Self Pruning'	8b	72
283926	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Liliputck Wladzikowski'	8b	71	283949	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Sibirskij Stambovyj'	8b	72
283927	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Manitoba'	8b	71	283950	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Stambovyj Karlik'	8b	72
283928	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Meszoli-Fele-Alacsony'	8b	71	283951	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Sverchrannyj B84'	8a	32
283929	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Micurinskije 337'	8b	71	283952	Czechoslovakia	Veg. Res. Inst. for Olomouc 'The Amateur'	8a	32
283930	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Micurinskije 337'	8b	71	283953	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Tiraspol'skij Stambovij'	8b	72
283931	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Morskin'	8b	71	283954	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Trpaslicek'	8b	72
283932	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Morskin 12'	8b	71	283955	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Versalskie'	8b	72
283933	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Mory 25'	8b	71	283956	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Vrbicanske Nizke'	8b	72
283934	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Mory 33'	8b	71	285068	Philippines	Bur. Pl. Ind. Sept. Agr. & Nat. Res. 'Nagcarlan' (Sets fruits at high temperatures)	8b	72
283935	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Niedrige Verbesserte Hollandische'	8b	71	285132	Oklahoma	M. Hardin, Geary 'Bearwell'	8a	32
283936	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Nizke Produktivni'	8b	71	285133	Canada	Guelph, Ont. 'Tanggula'	8a	32
283937	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Pitica Eva'	8b	71	285659	Poland	Institute Warsaw 'Ailsa Craig'	8a	32
283938	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Planovyj'	8b	71	285660	Poland	Institute Warsaw 'All Clear'	8a	32
283939	Czechoslovakia	Veg. Res. Inst. for Olomouc 'Plovdivska Konzerva x Bizon'	8b	71	285661	Poland	Institute Warsaw 'Carrick'	8a	32
					285662	Poland	Institute Warsaw 'Casaque Rouge'	8b	72
					285663	Poland	Institute Warsaw 'Charkowskij'	8a	32
					285664	Poland	Institute Hodowii 'ES 1'	8b	72
					285665	Poland	Institute Hodowii 'ES 5'	8b	72

TABLE 9 - (continued)

PI					PI						
Number	Source	Collector or Donor	Notes	Table	P.	Number	Source	Collector or Donor	Notes	Table	P.
285666	Poland	Institute Warsaw	'Gruntowyj Gribowski'	8a	32	288070	Great Britain	Brown & Co., Lancashire, Eng.	'The Amateur'	8a	33
285667	Poland	Institute Warsaw	'Harbinger'	8b	72	289178	Hungary	Natl. Inst. for Agrobotany 'Karai Csemege'		8b	72
285668	Poland	Institute Warsaw	'Immun'	8a	32	289179	Hungary	'Kecskemeti D30'		8b	72
285669	Poland	Institute Warsaw	'Iregikorai'	8b	72	289180*	Hungary	'Kecskemeti Heterozis'		8b	72
285670	Poland	Institute Warsaw	'Kecskemeti'	8b	72	289181	Hungary	'Solymari'		8b	72
285671	Poland	Institute Warsaw	'Krakowski Wczesny'	8a	32	289182	Hungary	'Humbert'		8b	72
285672	Poland	Institute Warsaw	'Majak'	8b	72	289183	Hungary	'Moszkvai'		8b	72
285673	Poland	Institute Warsaw	NDAC	8b	72	289184	Hungary	'Csemege Szabadfoldi'		8b	72
285674	Poland	Institute Warsaw	'Niedrige Busch'	8b	72	289185	Hungary	'Tukondi'		8b	72
285675	Poland	Institute Warsaw	'No. 10'	8b	72	289186	Hungary	'Krasznodini 590'		8b	73
285676	Poland	Institute Warsaw	'No. 99'	8b	72	289187	Hungary	'Gribaseki'		8b	73
285677	Poland	Institute Warsaw	'Oktiabrionok'	8b	72	289188	Hungary	'Szabadfoldi Korai'		8b	73
285678	Poland	Institute Warsaw	'Perfecta'	8a	33	289189	Hungary	'Dan Export'		8b	73
285679	Poland	Institute Warsaw	'Pierrette'	8b	72	289190	Hungary	'Deli No. 110 VII-8-23'		8a	33
285680	Poland	Institute Warsaw	'Planowiyj'	8b	72	289191	Hungary	'Paratlan'		8b	73
285681	Poland	Institute Warsaw	'Plowdiwska Konserwa'	8b	72	289192	Hungary	'Anait'		8b	73
285682	Poland	Institute Warsaw	'Puszkinskij'	8b	72	289193	Hungary	'Haniski Koranero'		8b	73
285683	Poland	Institute Warsaw	'Rakowick'	8b	72	289194	Hungary	'San Marsano'		8b	73
285684	Poland	Institute Warsaw	'Reinedes Hatives'	8a	33	289195	Hungary	'Fruchtroma No. 110 VII-8-31'		8a	33
285685	Poland	Institute Warsaw	'Seelandia'	8a	33	289196	Hungary	'Zuricher Markt'		8b	73
285686	Poland	Institute Warsaw	'Singh Cross'	8b	72	289197	Hungary	'Westlandia'		8b	73
285687	Poland	Institute Warsaw	'Sztambowij Alpatiewa'	8b	72	289198	Hungary	'Goldene Konigin'		8b	73
285688	Poland	Institute Warsaw	'Westlandia'	8b	72	289199	Hungary	'Elsassland No. 110 V11-8-36'		8a	33
285689	Poland	Institute Warsaw	'Zaria'	8a	33	289200	Hungary	'Carnosa No. 110 VII-8-41'		8a	33
285690	Poland	Institute Warsaw	'Zoltoowocowy 802'	8b	72	289201	Hungary	'Schappis Kusnachter Alpengluhn'		8b	73
280698	Nigeria	USAID Lagos	'Zuarungu'	8a	33	289202	Hungary	'Roter Gnom'		8b	73
286251	Great Britain	Glasshouse Crop Res. Inst.	'Ailsa Craig'	8a	33	289203	Hungary	'Micado'		8b	73
286252	Great Britain	Glasshouse Crop Res. Inst.	'Harbinger'	8b	72	289204	Hungary	'Canadienne Mendel -48'		8a	33
286253	Great Britain	Glasshouse Crop Res. Inst.	'Potentate'	8a	33	289205	Hungary	'Pierette'		8b	73
286254	Great Britain	Glasshouse Crop Res. Inst.	'Potential'	8a	33	289206	Hungary	'Sans Pareille'		8b	73
286255	Great Britain	Glasshouse Crop Res. Inst.	'Moneymaker'	8a	33	289207	Hungary	'Saint Pierre -53'		8a	33
286256	Great Britain	Glasshouse Crop Res. Inst.	'ES 1'	8b	72	289208	Hungary	'Selandia'		8b	73
286257	Great Britain	Glasshouse Crop Res. Inst.	'ES 5'	8b	72	289209	Hungary	'Kvckers Trots'		8b	73
286258	Great Britain	Glasshouse Crop Res. Inst.	'GCR 2'	8a	33	289210	Hungary	'Kampioen'		8b	73
286259	Great Britain	Glasshouse Crop Res. Inst.	'GCR 26'	8b	72	289211	Hungary	'Fruhernte -66'		8a	33
286260	Great Britain	Glasshouse Crop Res. Inst.	'GCR 27'	8b	72	289212	Hungary	'Piccolo'		8b	73
286261	Great Britain	Glasshouse Crop Res. Inst.	'GCR 28'	8b	72	289213	Hungary	'Danderyd'		8b	73
286426	Nepal	USDA Creech (obtained from Katmandu)		8b	72	289214	Hungary	'Scania'		8b	73
286595	Louisiana	Miller, LSU, Baton Rouge	'Red Global'	8a	33	289215	Hungary	'Landora/50 Orig.'		8b	73
286596	Minnesota	Relyes, Faribault	'Wisconsin Early Scarlet'	8a	33	289216	Hungary	'Sirius'		8b	73
286597	North Dakota	Lana, Fargo	'Sheyenne'	8a	33	289217	Hungary	'Linia 71 -73'		8a	33
286598	Indiana	Johnson, Purdue U	'Tecumseh'	8a	33						
288069	Great Britain	Brown & Co., Lancashire, Eng.	'Open Air'	8a	33						

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
289218	Hungary	Natl. Inst. for Agrobotany, 'Aurora de Tiganesti -74'	8a	33	293597	Canada	'Stokesdale No. 4' VR	8a	33
289219	Hungary	'De Tiganesti -75'	8a	33	293598	Canada	'Ace' VR	4a	11
289220	Hungary	'Kecskemeti 42'	8b	73				8a	33
289221	Hungary	'Kecskemeti 364'	8b	73	296362	Oklahoma	M. Hardin, Geary 'Smoky Mountain'	4a	11
289222	Hungary	'Kuban 557'	8b	73	296363	Oklahoma	No. 25	8a	33
289223	Hungary	'Iregszemcsei Korai Csemege'	8b	73	296364	Oklahoma	No. 33	8a	33
289224	Hungary	'V 545'	8b	73	296365	Oklahoma	No. 34	8a	33
289225	Hungary	'Nunheins'	8b	73	296366	Oklahoma	No. 40	8a	33
289226	Hungary	'No. 49'	8b	73	296367	Oklahoma	'Dura Red'	8a	33
289227	Hungary	'Stanbov Alpatyeve'	8b	73	296368	Oklahoma	'MXD-2'	8a	33
289228*	Hungary	'Nyiszozszky 51'	8b	73	296369	Oklahoma	'Low Bush'	8a	33
289229	Hungary	'Texto 2 - 116'	8a	33	296370	Oklahoma	'Summer Bearing'	8a	33
289230	Hungary	'Bones Bote'	8b	73	296371	Texas	P. A. Young GY1161	4a	11
289231	Hungary	Tapioszele 'Puskin'	8b	73	303704	California	'Ace' California Pack	8a	34
289232	Hungary	'O.P. IX'	8b	73	303705	Ohio	'Alpine' Gleckler Seed Co., Metamora	8a	34
289233	Hungary	'Det. cerasiforme'	8b	73	303706	Ohio	'Athens' Gleckler Seed Co., Metamora	8a	34
289234	Hungary	'Foti - 128'	8a	33	303707	Canada	'B4' Exp. Farm., Morden, Manitoba	8a	34
289235	Hungary	'Fanal'	8b	73	303708	California	'Burpee's Gloriana' Burpee Seed Co., Riverside	8a	34
289236	Hungary	'Kecskemeti 33 - 133'	8a	33	303709	California	'Burpee's Matchless' Burpee Seed Co., Riverside	8a	34
289237	Hungary	'Kecskemeti 22'	8b	73	303710	California	'Burpee's Sunnybrook Earliana,' Burpee Seed Co., Riverside	8a	34
289238	Hungary	'Plovdiv 14'	8b	73	303711	California	'Burpee's Table Talk,' Burpee Seed Co., Riverside	8a	34
289239	Hungary	'Majak'	8b	73	303712	Ohio	'Calaplata' Gleckler Seed Co., Metamora	8a	34
289240	Hungary	'Fruhe Liebe'	8b	73	303713	Michigan	'Caro Red' Burgess Seed Co., Galesburg	8a	34
289241	Hungary	'No. 110'	7b	23	303714	California	'Cavalier' Alpha Seed Co., Box 1042, Lompac	8a	34
289242	Hungary	'Kecskemeti 20' -144'	8a	33	303715	Ohio	'Cluster Mato,' Gleckler Seed Co., Metamora	8a	34
289243	Hungary	'Kecskemeti 178 - 145'	8a	33	303716	Ohio	'Colorado Red' Gleckler Seed Co., Metamora	8a	34
289244	Hungary	'Garfield Elnok'	8b	73	303717	Oregon	'Colorado Special' Gill Seed Co., Portland	8a	34
289245	Hungary	'Kecskemeti 363 - 148'	8a	33	303718	California	'CPC No. 2,' California Pack	8a	34
289246	Hungary	'Plovdiv 10'	8b	73	303719	Ohio	'Cuyano' Gleckler Seed Co., Metamora	8a	34
289763	Texas	Young STEP 329 'Pinkdeal' Tom. Dis.Lab.	8a	33	303720	Ohio	'Doublerich' Gleckler Seed Co., Metamora	8a	34
293352	Peru	'Haundo' Dept. Hort., Univ. of Ag., LaMolina	8b	73	303721	Ohio	'The Dutchman' Gleckler Seed Co., Metamora	8a	34
293592	Canada	L. G. Denby, Summerland, B. C. 'Clark's Early Dohler No. 7'VR	8a	33	303722	Michigan	'Earliest and Best' Burgess Seed Co., Galesburg	8a	34
293593	Canada	'Geneva No. 6' VR	4a	11	303723	Michigan	'Early Chatham' Burgess Seed Co., Galesburg	8a	34
293594	Canada	'Earliest of All' VR	8a	33	303724	Ohio	'Early Dwarf Bush' Gleckler Seed Co., Metamora	8a	34
293595	Canada	'Non-Acid VR'	4a	11					
293596	Canada	'Red Chief VR'	8a	33					
			4a	11					

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
303725	Ohio	'Early Dwarf Red' (Australian) Gleckler Seed Co., Metamora	8a	34	303752	Michigan	'Kopiah' Burgess Seed Co., Galesburg	8a	35
303726	Canada	'Earlinorth' Exp. Farm, Morden, Manitoba	8a	34	303753	Ohio	'Laketa' Gleckler Seed Co., Metamora	8a	35
303727	California	'Early Pak,' Alpha Seed Co., Lompoc	8a	34	303754	Ohio	'Langada' Gleckler Seed Co., Metamora	8a	35
303728	New York	'Early Red Cheek' J. Harris, Inc., Rochester	8a	34	303755	Michigan	'Lemon' Burgess Seed Co., Galesburg	8a	35
303729	Michigan	'Early Wonder' Burgess Seed Co., Galesburg	8a	34	303756	Michigan	'Louisiana All Season' Burgess Seed Co., Galesburg	8a	35
303730	Ohio	'Egg Tomato' Gleckler Seed Co., Metamora	8a	34	303757	Ohio	'Lutescent' Gleckler Seed Co., Metamora	8a	35
303731	Michigan	'Everbearing' Burgess Seed Co., Galesburg	8a	34	303758	Michigan	'Mammoth Wonder' Burgess Seed Co., Galesburg	8a	35
303732	Ohio	'Evergreen Tomato' Gleckler Seed Co., Metamora	8a	34	303759	Michigan	'Manalee' Burgess Seed Co., Galesburg	8a	35
303733	Florida	'Floralou' J. M. Walker, Bradenton	8a	34	303760	Ohio	'Market Favorite' Gleckler Seed Co., Metamora	8a	35
303734	Ohio	'Fortune' Gleckler Seed Co., Metamora	8a	34	303761	Ohio	'Market Supreme' Gleckler Seed Co., Metamora	8a	35
303735	Oregon	'Gill's Allpurpose' Gill Seed Co., Portland	8a	34	303762	Ohio	'Marmande' Gleckler Seed Co., Metamora	8a	35
303736	Ohio	'Golden Glow' Gleckler Seed Co., Metamora	8a	34	303763	Ohio	'Marman World's Earliest' Gleckler Seed Co., Metamora	8a	35
303737	Ohio	'Gosse Lisse' Gleckler Seed Co., Metamora	8a	34	303764	Italy	'Marmande Regular' Ciccarone, Bari	8a	35
303738	California	'Grand Pak' Alpha Seed Co., Lompoc	8a	34	303765	Italy	'Marmande Verticillium Resistant' Ciccarone, Bari	8a	35
303739	California	'Imperial' Alpha Seed Co., Lompoc	8a	34	303766	Ohio	'Mendoza 44' Gleckler Seed Co., Metamora	8a	35
303740	Michigan	'Imp. Colossal Crimson' Burgess Seed Co., Galesburg	8a	34	303767	California	'Meteor' Alpha Seed Company, Lompoc	8a	35
303741	Michigan	'Imp. Colossal Golden' Burgess Seed Co., Galesburg	8a	34	303768	Ohio	'Mission Dyke' Gleckler Seed Co., Metamora	8a	35
303742	Michigan	'Imp. Colossal Red' Burgess Seed Co., Galesburg	8a	34	303769	Canada	'Mustang' Exp. Farm, Morden, Manitoba	8a	35
303743	Michigan	'Imp. Colossal Yellow' Burgess Seed Co., Galesburg	8a	34	303770	Ohio	'Nectarine' Gleckler Seed Co., Metamora	8a	35
303744	Oregon	'Imp. Pepper' Gill Seed Co., Portland	8a	34	303771	Utah	'Nr 13' A.E.S., Logan	8a	35
303745	Michigan	'Indian River' Burgess Seed Co., Galesburg	8a	34	303772	Idaho	'Owyhee' A.E.S., Parma	8a	35
303746	Michigan	'Italian Canner' Burgess Seed Co., Galesburg	8a	34	303773	Idaho	'Payette' A.E.S., Parma	8a	35
303747	Ohio	'Jubilee Golden Orange' Gleckler Seed Co., Metamora	8a	34	303774	Ohio	'Peron' Gleckler Seed Co., Metamora	8a	35
303748	New Jersey	'KC 135' Campbell Soup Co., Riverton	8a	34	303775	Ohio	'Pink San Marzano' Gleckler Seed Co., Metamora	8a	35
303749	New Jersey	'KC 146' Campbell Soup Co., Riverton	8a	34	303776	Ohio	'Plamar' Gleckler Seed Co., Metamora	8a	35
303750	Colorado	'Kenosha' Colorado State U., Fort Collins	8a	34	303777	Ohio	'Premier' Gleckler Seed Co., Metamora	8a	35
303751	Ohio	'Kohamo' Gleckler Seed Co., Metamora	8a	34	303778	Ohio	'Protruding Carpels' (Orchids) Gleckler Seed Co., Metamora	8a	35
					303779	Ohio	'Puck' Gleckler Seed Co., Metamora	8a	35
					303780	California	'Red Cloud' Alpha Seed Co., Lompoc	8a	35
					303781	Scotland	'Red Tomato' L. J. Alexander, Wooster, Ohio	8a	35
					303782	California	'Red Top' A.E.S., Berkeley	8a	35
					303783	Ohio	'Red Top' Gleckler Seed Co., Metamora	8a	35
					303784	Texas	'Rio Grande,' Tom. Dis. Res. Lab., Jacksonville	8a	35

TABLE 9 - (continued)

PI					PI				
Number	Source	Collector or Donor Notes	Table	P.	Number	Source	Collector or Donor Notes	Table	P.
303785	Ohio	'Ruffled Tomato' Gleckler Seed Co., Metamora	8a	35	303803	Utah	Utah 665-13 A.E.S., Logan	8a	36
303786	Ohio	'San Marzano' Gleckler Seed Co., Metamora	8a	35	303804	Utah	Utah 665-17 A.E.S., Logan	8a	36
303787	Ohio	'Santa Catalina' Gleckler Seed Co., Metamora	8a	35	303805	Ohio	'Vokal' Gleckler Seed Co., Metamora	8a	36
303788	Oregon	'Seattle Best of All' Gill Seed Co., Portland	8a	35	303806	Utah	'Moscow VR' A.E.S., Logan	8a	36
303789	California	'Sequoia' Alpha Seed Co., Lompoc	8a	35	303807	Ohio	'Wheatley' Gleckler Seed Co., Metamora	8a	36
303790	Ohio	'Stenner's Exhibition' Gleckler Seed Co., Metamora	8a	35	303808	Michigan	'Wilt Master' Burgess Seed Co., Galesburg	8a	36
303791	Ohio	'Summer Prolific' Gleckler Seed Co., Metamora	8a	35	303809	Michigan	'Wisconsin 55' Burgess Seed Co., Galesburg	8a	36
303792	Ohio	'Tatiner' Gleckler Seed Co., Metamora	8a	35	303810	California	'Yellow Pear' Burpee's Seed Co., Riverside	8a	36
303793	Ohio	'Tatura' Gleckler Seed Co., Metamora	8a	35	303811	California	'Yellow Plum' Burpee's Seed Co., Riverside	8a	36
303794	Ohio	'Textol W-7' Gleckler Seed Co., Metamora	8a	35	303812	Scotland	'Yellow Tomato' L. J. Alexander, Wooster, Ohio	8a	36
303795	Ohio	'Thessaloniki' Gleckler Seed Co., Metamora	8a	35	303813	California	'Red Cherry' Burpee's Seed Co., Riverside	7b	23
303796	Ohio	'Thick Sepal' Gleckler Seed Co., Metamora	8a	35	303814	Idaho	Idaho Univ., Parma	5d	16
303797	Ohio	'Tiny Tim' Gleckler Seed Co., Metamora	8a	35	306811	Ohio	<i>L. peruvianum</i> , mosaic resistant selection from P.I. 128650	5d	16
303798	Ohio	'Tomango' Miller's Greenhouse, Belleville	8a	35	306812	Ohio	<i>L. esculentum</i> x <i>L. peruvianum</i> TMV resistant F2	7a	19
303799	Michigan	'Trip L Crop Climbing' Burgess Seed Co., Galesburg	8a	35	306813	Ohio	<i>L. esculentum</i> x <i>L. peruvianum</i> TMV resistant F2	7a	19
303800	Utah	'Utah 13' A.E.S., Logan	8a	36	306814	Ohio	<i>L. esculentum</i> x <i>L. peruvianum</i> TMV resistant F2	7a	19
303801	Utah	Utah 665 'Peru Wild VR' A.E.S., Logan	8a	36					
303802	Utah	Utah 665-11 A.E.S., Logan	8a	36					