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## **PROJECTED COSTS FOR SELECTED LOUISIANA VEGETABLE CROPS - 1997 SEASON**

by

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## PROJECTED COSTS FOR SELECTED LOUISIANA VEGETABLE CROPS - 1997 SEASON

by

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Cost budgets are reported for 21 vegetable crops, with a total of 39 combinations of crop, machinery size, and market channel.

### Production Practices

Budgets were developed from two separate sources of information.

Research budgets (table numbers 2 through 26) reflect cultural practices (as described in the budget's title, such as seeding rates, fertilizer rates and machinery operations) associated with representative farms. Some budgets, for example, contain small (one-row) machinery and output is assumed sold in the local market. Others represent vegetable growers whose market objective is the regional or national wholesale market. Production per acre for each crop was taken from cross-sectional grower surveys and from Extension Service summaries.

Data on production practices and input requirements used to prepare research budgets for 4-row and smaller equipment were obtained from a statewide survey of commercial vegetable growers during 1987<sup>2</sup>. In 1995, information was collected from farmers to update production practices for the bell pepper, strawberry, and tomato with drip irrigation/plastic mulch technology budgets. With the assistance of Extension Agents, commercial growers were identified and selected for interview. Information obtained from growers was supplemented with information from previous studies and from horticulturalists. Most production practices followed by commercial growers conformed to recommended practices. Annual budget updates primarily reflect changes in chemical label applications and input prices.

Extension budgets (table numbers 27 through 38) were developed by Extension horticulture specialists. Generally, these crop situations assume a higher technology level than found on the typical farm, or are based on observation of specific production or marketing possibilities. Examples include machine-harvested snapbeans, southern peas, and butterbeans for fresh market. Machine harvest of vegetables is not common in Louisiana. Performance rates for these machines are based on a combination of information from manufacturers and on a limited number of farm examples and research trials. Production per acre is assumed to be higher than is typically reported for Louisiana. Technology levels that justify these higher output rates are used in major US production areas. An example is cabbage production in Texas. The higher levels also have been achieved in research trials

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<sup>2</sup> Information on cultural practices, machinery complements, etc. was obtained from a total of 48 commercial growers. Interviews were confined to growers with at least one acre of a particular vegetable crop. Individual acreage of growers interviewed ranged from one for some vegetable crops to several hundred in the case of sweet potatoes.

in Louisiana (Bracy et al.; Parish et al.). However, these technologies and yields have not yet been tested over a period of years under Louisiana farming conditions. This set of Extension budgets is identified through appropriate title description.

While the adoption of advanced technology as presented in these Extension budgets offers higher expected yields and returns, the investment introduces additional financial risk and may require greater marketing effort and skills.

#### Labor Charge and Availability for Vegetable Production

To reflect the recently enacted increase in the minimum wage, and anticipated increases and wage rate increases in general among farm workers, hourly labor has been charged at \$7.50. This is an increase from last year when operator and skilled hired labor was charged at \$6.00 per hour, and other hired labor, including some harvest labor, was charged at \$5.00. These charges also loosely account for social security and workman's compensation insurance expenses. Crop harvest operations are charged as piecework when that is the typical industry practice.

#### Budget Description

These budgets may be grouped into the following categories:

- 1) Market Channel - fresh and processing markets.
- 2) Seasonal - spring and fall cabbage for fresh market.
- 3) Machinery size - one-row, four-row, and six-row equipment.
- 4) Technology level - Extension budgets usually assume technology that exceeds the level typically found on Louisiana farms.

Productive inputs are summarized under direct and fixed expense headings. For each crop, an "estimated operation costs per acre" table details the sequence of operations; operating inputs including machinery, labor and material; total cost for each input; and total specified expenses. A second table provides a summary of estimated costs per acre by major input headings, and summed as total direct expenses and total fixed expenses. In a third table, alternative yields and prices above and below a base level are used to illustrate the impact of price and yield levels on returns above total direct expenses. The quantity of harvest labor and packing supplies included varies with level of output.

A summary of base prices and yields, direct and total expenses, and returns above total direct expenses is presented in Table 1. Base prices for the state are generally those reported by the Louisiana Cooperative Extension Service in its annual overview of the state's agriculture.

#### Cautions Regarding Risk in Marketing and Producing Vegetables

Vegetable yields and fresh market prices may vary widely from year to year. As noted above, many vegetable budgets assume that produce will be sold fresh to consumers or to wholesalers who deal with fresh produce. A fresh market oriented producer can expect low price in years when weather is favorable and/or production expands for other reasons, because the local market is particularly

sensitive to supply levels. Price paid by wholesalers and shippers would be responsive to conditions in other producing areas.

Vegetable producers also are confronted with yield risk from factors such as weather and disease. This risk may be reduced through cultural practices such as irrigation and appropriate disease prevention and control measures. However, such measures offer only partial protection against variations in yield. Before committing resources to production of any vegetable crop, the grower should consider the impact of adverse events and his financial ability to withstand unexpected developments.

## Conclusions

The important addition to the set of budgets for 1997 are the spring and fall crops of greenhouse tomatoes. This enterprise has attracted the attention of potential growers, and a number of greenhouses already have been constructed. The budgets presented here rely on the accumulated experience of the University's horticulturalists, rather than on growers' experiences, and will be updated as production experience is gained.

At the per acre cost levels that result from the budgeting procedure, and using revenues from assumed prices and yields, returns to the grower's managerial ability and willingness to accept risk vary widely depending on market channel, degree of mechanization and investment. Generally, the fresh market provides higher returns compared to the processing market (Table 1). An example is mustard greens. Higher technology levels provided higher returns compared with the typical technologies, as shown by tomato, cabbage and watermelon budgets. Larger machinery (four-row) reduces cost and provides higher net returns compared with one-row machines, even when selling price is reduced to account for use of the fresh wholesale market by larger producers. In all cases for which budgets are provided except eggplant and sweet corn, estimated net returns are sufficient to cover costs of production including labor. A majority of crop situations provided returns above direct expense in the range between \$100.00 and \$1000.00. The highest net return was \$5154.05 for tomatoes produced using a high management level, plastic mulch and drip irrigation, resulting in a much higher than average yield level and assuming that output is successfully marketed at the \$7.75 price.

The information presented herein is intended as a guide only. Each grower may adapt the information to his particular situation, including yield and price expectations. By using machinery cost data presented in Appendix Tables 1-5, an individual can find approximate cost per hour for each machine operation. Costs for selected operations may be substituted for those shown in the budget. Other inputs and costs may be substituted in a similar manner to tailor the budget to any individual producer's situation.

## REFERENCES

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Table 1. Yields, prices, costs and returns for selected vegetable crops, Louisiana, 1997.

Crop	Yield Per Acre	Budgeted 1997 price	Total Direct Expense	Returns Above Direct Expense	Total Specified Expenses
Beans, Butter 1R	100 bu	20.00	1426.83	573.17	1479.12
Beans, Snap 1R	150 bu	12.00	1109.30	690.70	1160.63
Broccoli, fresh 1R	300 boxes	6.75	1973.09	231.91	2087.21
Cabbage, fall 1R	450 50 lb sacks	3.50	1501.50	73.50	1636.26
Cabbage, spring 1R	450 50 lb sacks	4.25	1638.55	273.95	1775.29
Cantaloupe 1R	250 boxes	7.50	1553.02	321.98	1672.41
Cauliflower 2R	300 boxes	8.00	1929.49	472.51	2059.91
Corn, Sweet 1R	600 doz	1.50	952.41	-52.41	1085.31
Cucumber, fresh 1R	300 bu	6.50	1647.66	302.34	1773.25
Eggplant, 1R	350 bu	7.75	2808.39	-95.79	2940.61
Greens, Mustard 1R	600 dz. bunches	4.00	1496.76	903.24	1564.89
Okra, fresh 1R	240 bu	15.00	2223.36	1376.64	2275.30
Peas, Southern 1R	100 bu	15.00	1060.02	439.98	1102.40
Peppers, Bell 1R	600 bu	6.50	3555.40	344.60	3693.38
Peppers, Bell 4R	600 bu	6.25	3561.01	188.99	3693.04
Potatoes, Irish 1R	150 cwt	15.00	1338.64	911.36	1406.66
Potatoes, Sweet 1R	175 cwt	7.00	1286.02	-61.02	1361.17
Potatoes, Sweet 4R, one-row	175 cwt	8.00	1355.41	44.59	1448.22
Potatoes, Sweet 6R, two-row	175 cwt	8.00	1247.85	152.15	1325.97
Shallots 1R	2000 dz. bunches	2.00	2772.79	1227.21	2842.29
Squash, fresh 1R	375 3/4 bu boxes	7.50	2163.86	953.69	2249.32
Strawberries	1200 flats	7.50	7261.05	1738.95	7422.27
Tomatoes 1R	900 20 lb boxes	9.00	5881.78	2218.22	6033.94
Tomatoes, mulch/drip	1400 20 lb boxes	7.75	5695.95	5154.05	5809.46
Watermelon 1R	200 cwt	5.00	941.83	58.17	1010.75
Beans, Butter, mechanical	50 bu	20.00	631.39	368.61	708.46
Beans, Snap, mech. harvest	125 bu	12.00	1040.23	459.77	1052.14
Cabbage, fresh 6R	700 sacks	3.25	1510.84	764.16	1576.07
Cucumber, trellis, bare soil	380 bu	6.75	3092.41	-527.41	3181.60

(continued)

Table 1. (continued)

Crop	Yield Per Acre	Budgeted 1997 price	Total Direct Expense	Returns Above Direct Expense	Total Specified Expenses
Eggplant, trellis, plastic	600 bu	7.75	3248.97	1401.03	3354.44
Greens, Mustard, process	5 tons	100.00	267.41	232.59	366.34
Peas, Southern, mechanical	75 bu	15.00	475.94	649.06	541.42
Potatoes, Irish, chipping	150 cwt	5.50	738.30	186.70	803.23
Pumpkins, fresh, irrigated	200 cwt	7.00	974.56	425.44	1107.53
Strawberries, w/row covers	1200 flats	9.00	8294.11	2505.89	8450.01
Tomatoes, bare soil, not	700 20 lb boxes	9.00	3338.96	2961.03	3423.19
Tomatoes, greenhouse, fall	800 20 lb boxes	20.00	12887.49	3112.51	15525.49
Watermelon, plastic, irrigated	300 cwt	6.00	1296.13	503.87	1364.76

Table 2.A Estimated resource use and costs per acre for field operations, Beans (Butter), fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC HOURS	LABOR COST	OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST	
						dollars				dollars		dollars			
Lime (spread)	cwt			1.00	Jan							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Jan	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Mar	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Disk-pre-1-2R	6 ft	23	0.590	1.00	Apr	2.17	0.98	0.49	0.70	0.649	4.87				9.21
Ireflan	pt											1.2500	3.75	4.69	4.69
Dual	pt											1.5000	7.85	11.78	11.78
Hipper-fert 1R	3 ft	23	1.550	1.00	Apr	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											400.0000	0.13	52.00	52.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Row conditioner 1R	6 ft	23	0.410	1.00	Apr	1.91	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Apr	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Butter bean seed	lb											50.0000	1.25	62.50	62.50
Other labor	hour			1.00	May							6.0000	7.50	45.00	45.00
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Basagran	pt											1.0000	8.29	8.29	8.29
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Orthene	lb											0.5000	11.80	5.90	5.90
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											1.5000	6.38	9.57	9.57
Orthene	lb											0.5000	11.80	5.90	5.90
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Poast	pt											1.0000	12.56	12.56	12.56
Crop oil	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57	2.0000	0.78	1.56	1.56
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Orthene	lb											0.5000	11.80	5.90	5.90
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.0000	4.40	4.40	4.40
Benlate	lb											1.0000	15.80	15.80	15.80
Boom sprayer	12 ft	23	0.190	1.00	Jul	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.0000	4.40	4.40	4.40
Benlate	lb											1.0000	15.80	15.80	15.80
Trailer small	8 ft	23	1.000	1.00	Jul	3.68	1.65	0.24	0.86	1.100	8.25				14.68
Harvest labor	bu			1.00	Jul							100.0000	8.00	800.00	800.00
harvest container	each											8.0000	3.00	24.00	24.00
Bushel hampers	each											33.0000	2.16	71.28	71.28
Pickup truck	1/2 ton														75.09
Disk 2R	6 ft	43	0.570	2.00	Jul	5.79	2.92	0.75	1.07	1.254	9.40				19.94
TOTALS						54.85	25.44	27.88	26.85	20.202	151.52			1171.88	1458.41
INTEREST ON OPERATING CAPITAL															20.70
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1479.12

Table 2.B Summary of estimated costs per acre, Beans (Butter), fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	62.56	1.0000	62.56	_____
FUNGICIDES	acre	41.17	1.0000	41.17	_____
HERBICIDES	acre	38.87	1.0000	38.87	_____
HIRE LABOR	acre	45.00	1.0000	45.00	_____
INSECTICIDES	acre	26.50	1.0000	26.50	_____
PACK & HARVEST ITEMS	acre	95.28	1.0000	95.28	_____
SEED	acre	62.50	1.0000	62.50	_____
HARVEST LABOR	acre	800.00	1.0000	800.00	_____
OPERATOR LABOR	hour	7.50	20.2020	151.52	_____
DIESEL FUEL	gal	0.85	7.6950	6.54	_____
GASOLINE	gal	1.10	30.0520	33.06	_____
REPAIR & MAINTENANCE	acre	43.13	1.0000	43.13	_____
INTEREST ON OP. CAP.	acre	20.70	1.0000	20.70	_____
TOTAL DIRECT EXPENSES				1426.83	_____
TOTAL FIXED EXPENSES				52.29	_____
TOTAL SPECIFIED EXPENSES				1479.12	_____

Table 2.C Effects of yields and prices on net returns per acre above total direct expenses, Beans (Butter), fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Bushels)	Price Per Bushel				
	18.00	19.00	20.00	21.00	22.00
	Net Returns Per Acre				
80.00	195.17	275.17	355.17	435.17	515.17
90.00	284.17	374.17	464.17	554.17	644.17
100.00	373.17	473.17	573.17	673.17	773.17
110.00	462.17	572.17	682.17	792.17	902.17
120.00	551.17	671.17	791.17	911.17	1031.17

Table 3.A Estimated resource use and costs per acre for field operations, Beans (Snap), fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Feb	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Mar	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ireflan	pt											1.2500	3.75	4.69	4.69
Dual	pt											1.5000	7.85	11.78	11.78
Disk 2R	6 ft	43	0.570	1.00	Mar	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											400.0000	0.13	52.00	52.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	11.26	5.06	1.01	1.44	3.366	25.25				44.01
Row conditioner 1R	6 ft	23	0.410	1.00	Mar	1.51	0.68	0.98	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Mar	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Snap bean seeds	lb											40.0000	1.70	68.00	68.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Orthene	lb											0.5000	11.80	5.90	5.90
Bravo	pt											1.5000	6.38	9.57	9.57
Other labor	hour			1.00	Apr							6.0000	7.50	45.00	45.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Basgran	pt											1.0000	8.29	8.29	8.29
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Orthene	lb											0.5000	11.80	5.90	5.90
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Poast	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.0000	4.40	4.40	4.40
Benlate	lb											1.0000	15.80	15.80	15.80
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.0000	4.40	4.40	4.40
Benlate	lb											1.0000	15.80	15.80	15.80
Trailer utility	10 ft	23	1.000	1.00	Jun	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Harvest labor	bu			1.00	Jun							150.0000	3.00	450.00	450.00
harvest container	each											10.0000	3.00	30.00	30.00
Bushe hampers	each											50.0000	2.16	108.00	108.00
Pickup truck	1/2 ton		1.000	5.00	Jun			20.78	16.81	5.000	37.50				75.09
Disk 2R	6 ft	43	0.570	1.00	Jun	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						52.68	24.46	27.64	26.87	19.553	146.65			864.20	1142.50
INTEREST ON OPERATING CAPITAL															18.13
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1160.63

Table 3.B Summary of estimated costs per acre, Beans (Snap), fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	62.56	1.0000	62.56	_____
FUNGICIDES	acre	41.17	1.0000	41.17	_____
HERBICIDES	acre	38.87	1.0000	38.87	_____
HIRED LABOR	acre	45.00	1.0000	45.00	_____
INSECTICIDES	acre	20.60	1.0000	20.60	_____
PACK & HARVEST ITEMS	acre	138.00	1.0000	138.00	_____
SEED	acre	68.00	1.0000	68.00	_____
HARVEST LABOR	acre	450.00	1.0000	450.00	_____
OPERATOR LABOR	hour	7.50	19.5530	146.65	_____
DIESEL FUEL	gal	0.85	7.6950	6.54	_____
GASOLINE	gal	1.10	29.1080	32.02	_____
REPAIR & MAINTENANCE	acre	41.76	1.0000	41.76	_____
INTEREST ON OP. CAP.	acre	18.13	1.0000	18.13	_____
TOTAL DIRECT EXPENSES				1109.30	_____
TOTAL FIXED EXPENSES				51.33	_____
TOTAL SPECIFIED EXPENSES				1160.63	_____

Table 3.C Effects of yields and prices on net returns per acre above total direct expenses, Beans (Snap), fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Bushels)	Price Per Bushel				
	10.00	11.00	12.00	13.00	14.00
	Net Returns Per Acre				
120.00	213.70	333.70	453.70	573.70	693.70
135.00	302.20	437.20	572.20	707.20	842.20
150.00	390.70	540.70	690.70	840.70	990.70
165.00	479.20	644.20	809.20	974.20	1139.20
180.00	567.70	747.70	927.70	1107.70	1287.70

Table 4.A Estimated resource use and costs per acre for field operations, Broccoli, irrigated, transplanted, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT		TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE		COST
						dollars				dollars		dollars			
Lime (spread)	cwt			1.00	Jul							6.6000	1.60	10.56	10.56
Middle buster 1R	3 ft	23	1.530	1.00	Jul	5.63	2.53	0.22	0.31	1.683	12.62				21.31
Disk 2R	6 ft	43	0.570	2.00	Jul	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Disk-pre-1-2R	6 ft	23	0.590	1.00	Jul	2.17	0.98	0.49	0.70	0.649	4.87				9.21
Treflan	pt											1.0000	3.75	3.75	3.75
Hipper-fert 1R	3 ft	23	1.550	1.00	Jul	5.71	2.56	0.91	1.29	1.705	12.79				23.26
B-24-24	lb											600.0000	0.13	78.00	78.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	11.26	5.06	1.01	1.44	3.366	25.25				48.01
Row conditioner 1R	6 ft	23	0.410	1.00	Aug	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Trailer utility	10 ft	23	1.000	1.00	Aug	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Broccoli plants	100											120.0000	4.00	480.00	480.00
Planting labor	hour											25.0000	7.50	187.50	187.50
Other labor	hour			1.00	Aug							2.0000	7.50	15.00	15.00
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											1.0000	8.00	8.00	8.00
Cult-fert 1R	3 ft	23	1.610	1.00	Sep	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate	33% lb											150.0000	0.13	19.50	19.50
Furrow irrigation	acin			1.00	Sep			6.88	55.50	2.000	15.00				77.38
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.2500	13.88	3.47	3.47
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											1.5000	6.38	9.57	9.57
Furrow irrigation	acin			1.00	Oct			6.88	2.000	2.000	15.00				21.88
Cult-fert 1R	3 ft	23	1.610	1.00	Oct	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate	33% lb											150.0000	0.13	19.50	19.50
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Poast	pt											1.0000	12.56	12.56	12.56
Crop oil	lb											2.0000	0.78	1.56	1.56
Boom sprayer	12 ft	23	0.190	1.00	Nov	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.2500	13.88	3.47	3.47
Cult-fert 1R	3 ft	23	1.610	1.00	Nov	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate	33% lb											150.0000	0.13	19.50	19.50
Furrow irrigation	acin			1.00	Nov			6.88	2.000	2.000	15.00				21.88
Boom sprayer	12 ft	23	0.190	1.00	Nov	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.2500	13.88	3.47	3.47
Harvest labor	hour			1.00	Nov							30.0000	7.50	225.00	225.00
Rubber bands	lb											1.0000	5.00	5.00	5.00
harvest container	each											8.0000	3.00	24.00	24.00
Packing labor	hour			1.00	Nov							8.0000	7.50	60.00	60.00
Packing boxes	each			1.00	Nov							300.0000	1.10	330.00	330.00
Ice	1/2 ton		1.000	5.00	Nov			20.78	16.81	5.000	37.50				70.50
Pickup truck	6 ft	43	0.570	1.00	Nov	2.89	1.46	0.38	0.54	0.627	4.70				75.09
Disk 2R	6 ft	43	0.570	1.00	Nov	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						66.25	30.24	49.34	83.88	30.085	225.64			1589.91	2045.26
INTEREST ON OPERATING CAPITAL															41.95
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2087.21

Table 4.B Summary of estimated costs per acre, Broccoli, irrigated, transplanted, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	147.06	1.0000	147.06	_____
FUNGICIDES	acre	9.57	1.0000	9.57	_____
HERBICIDES	acre	17.87	1.0000	17.87	_____
HIRE LABOR	acre	202.50	1.0000	202.50	_____
INSECTICIDES	acre	18.41	1.0000	18.41	_____
PACK & HARVEST ITEMS	acre	429.50	1.0000	429.50	_____
PLANTS	acre	480.00	1.0000	480.00	_____
HARVEST LABOR	acre	285.00	1.0000	285.00	_____
OPERATOR LABOR	hour	7.50	24.0850	180.64	_____
IRRIGATION LABOR	hour	7.50	6.0000	45.00	_____
DIESEL FUEL	gal	0.85	4.6170	3.92	_____
ELECTRICITY	KWh	0.09	36.0000	3.24	_____
GASOLINE	gal	1.10	37.5240	41.28	_____
REPAIR & MAINTENANCE	acre	67.15	1.0000	67.15	_____
INTEREST ON OP. CAP.	acre	41.95	1.0000	41.95	_____
TOTAL DIRECT EXPENSES				1973.09	_____
TOTAL FIXED EXPENSES				114.12	_____
TOTAL SPECIFIED EXPENSES				2087.21	_____

Table 4.C Effects of yields and prices on net returns per acre above total direct expenses, Broccoli, irrigated, transplanted, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Boxes)	Price Per Box				
	4.75	5.75	6.75	7.75	8.75
	-Net Returns Per Acre-				
200.00	-645.59	-445.59	-245.59	-45.59	154.41
250.00	-506.84	-256.84	-6.84	243.16	493.16
300.00	-368.09	-68.09	231.91	531.91	831.91
350.00	-229.34	120.66	470.66	820.66	1170.66
400.00	-90.59	309.41	709.41	1109.41	1509.41



Table 5.A Estimated resource use and costs per acre for field operations, Cabbage (fall), direct seeded, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jul							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	2.00	Jul	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Disk-pre-1-2R	6 ft	23	0.590	1.00	Jul	2.17	0.98	0.49	0.70	0.649	4.87				9.21
Treflan	pt											1.2500	3.75	4.69	4.69
Middle buster 1R	3 ft	23	1.530	1.00	Jul	5.63	2.53	0.22	0.31	1.683	12.62				21.31
Hipper-fert 1R	3 ft	23	1.550	1.00	Jul	5.71	2.56	0.91	1.29	1.705	12.79				23.26
B-24-24	lb											500.0000	0.13	65.00	65.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	11.26	5.06	1.01	1.44	3.366	25.25				44.01
Row conditioner 1R	6 ft	23	0.410	1.00	Aug	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Aug	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Cabbage seed	lb											1.0000	270.00	270.00	270.00
Other labor	hour			1.00	Aug							10.0000	7.50	75.00	75.00
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.2500	13.88	3.47	3.47
Dipel	pt											1.0000	3.00	3.00	3.00
Buffer	pt											1.0000	2.00	2.00	2.00
Cult-fert 1R	3 ft	23	1.610	1.00	Sep	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate	33% lb											100.0000	0.13	13.00	13.00
Furrow irrigation	3 acin			1.00	Sep			6.88		55.50	2.000	15.00			77.38
Cult-fert 1R	3 ft	23	1.610	1.00	Sep	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate	33% lb											100.0000	0.13	13.00	13.00
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Post	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Cult-fert 1R	3 ft	23	1.610	1.00	Oct	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate	33% lb											100.0000	0.13	13.00	13.00
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.2500	13.88	3.47	3.47
Dipel	pt											1.0000	3.00	3.00	3.00
Buffer	pt											1.0000	2.00	2.00	2.00
Furrow irrigation	3 acin			1.00	Oct			6.88		2.000	15.00	2.0000			21.88
Boom sprayer	12 ft	23	0.190	1.00	Nov	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.2500	13.88	3.47	3.47
Dipel	pt											1.0000	3.00	3.00	3.00
Buffer	pt											1.0000	2.00	2.00	2.00
Furrow irrigation	3 acin			1.00	Nov			6.88		2.000	15.00	2.0000			21.88
Trailer utility	10 ft	23	1.000	2.00	Dec	7.36	3.31	0.80	2.86	2.200	16.50				30.82
Harvest labor	hour			1.00	Dec							32.0000	7.50	240.00	240.00
Packing labor	hour			1.00	Dec							11.0000	7.50	82.50	82.50
Packing sacks	each											450.0000	0.50	225.00	225.00
Pickup truck	1/2 ton				Dec			41.56	33.63	10.000	75.00				150.19
Disk 2R	6 ft	43	0.570	2.00	Dec	5.79	2.92	0.75	1.07	1.254	9.40				19.94
TOTALS						71.32	32.67	70.31	102.09	36.361	272.71			1051.28	1600.38
INTEREST ON OPERATING CAPITAL															35.88
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1636.26

Table 5.B Summary of estimated costs per acre, Cabbage (fall), direct seeded, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	114.56	1.0000	114.56	_____
HERBICIDES	acre	18.81	1.0000	18.81	_____
HIRED LABOR	acre	75.00	1.0000	75.00	_____
INSECTICIDES	acre	25.41	1.0000	25.41	_____
PACK & HARVEST ITEMS	acre	225.00	1.0000	225.00	_____
SEED	acre	270.00	1.0000	270.00	_____
HARVEST LABOR	acre	322.50	1.0000	322.50	_____
OPERATOR LABOR	hour	7.50	30.3610	227.71	_____
IRRIGATION LABOR	hour	7.50	6.0000	45.00	_____
DIESEL FUEL	gal	0.85	6.1560	5.23	_____
ELECTRICITY	kWh	0.09	36.0000	3.24	_____
GASOLINE	gal	1.10	50.9680	56.06	_____
REPAIR & MAINTENANCE	acre	77.10	1.0000	77.10	_____
INTEREST ON OP. CAP.	acre	35.88	1.0000	35.88	_____
TOTAL DIRECT EXPENSES				1501.50	_____
TOTAL FIXED EXPENSES				134.76	_____
TOTAL SPECIFIED EXPENSES				1636.26	_____

Table 5.C Effects of yields and prices on net returns per acre above total direct expenses, Cabbage (fall), direct seeded, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Sacks)	1.50	2.50	Price Per Sack	4.50	5.50
			3.50		
			Net Returns Per Acre		
250.00	-891.50	-641.50	-391.50	-141.50	108.50
350.00	-859.00	-509.00	-159.00	191.00	541.00
450.00	-826.50	-376.50	73.50	523.50	973.50
550.00	-794.00	-244.00	306.00	856.00	1406.00
650.00	-761.50	-111.50	538.50	1188.50	1838.50

Table 6.A Estimated resource use and costs per acre for field operations, Cabbage (spring), transplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						dollars				dollars		dollars			
Lime (spread)	cwt			1.00	Jan							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	2.00	Jan	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Boom sprayer	12 ft	23	0.190	1.00	Jan	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Treflan	6 pt	43	0.570	1.00	Jan	2.89	1.46	0.38	0.54	0.627	4.70	1.2500	3.75	4.69	4.69
Hipper-fert 1R	3 ft	23	1.550	1.00	Jan	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											500.0000	0.13	65.00	65.00
Hipper 1R	3 ft	23	1.530	1.00	Jan	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Row conditioner 1R	6 ft	23	0.410	1.00	Jan	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Trailer utility	10 ft	23	1.000	1.00	Jan	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Planting labor	hour											20.0000	7.50	150.00	150.00
Cabbage plants	100											100.0000	3.60	360.00	360.00
Furrow irrigation	acin			1.00	Feb			6.88	55.50	2.000	15.00				77.38
Cult-fert 1R	3 ft	23	1.610	1.00	Feb	5.93	2.66	0.57	0.81	1.771	13.28	2.0000			23.24
Ammonium Nitrate	33% lb											100.0000	0.13	13.00	13.00
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.2500	13.88	3.47	3.47
Dipel	pt											1.0000	3.00	3.00	3.00
Buffer	pt											1.0000	2.00	2.00	2.00
Cult-fert 1R	3 ft	23	1.610	1.00	Mar	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate	33% lb											100.0000	0.13	13.00	13.00
Cultivator 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Furrow irrigation	acin			1.00	Mar			6.88	55.50	2.000	15.00	2.0000			21.88
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate	33% lb											100.0000	0.13	13.00	13.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.2500	13.88	3.47	3.47
Dipel	pt											1.0000	3.00	3.00	3.00
Buffer	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	10.00	May			41.56	33.63	10.000	75.00				150.19
Trailer utility	10 ft	23	1.000	2.00	May	7.36	3.31	0.80	2.86	2.200	16.50				30.82
Harvest labor	hour			1.00	May							32.0000	7.50	240.00	240.00
Packing labor	hour			1.00	May							11.0000	7.50	82.50	82.50
Packing sacks	each											450.0000	0.50	225.00	225.00
Middle buster 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.22	0.31	1.683	12.62				21.31
Hipper 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.50	0.72	1.683	12.62				22.01
TOTALS						74.98	34.16	63.16	102.58	35.692	267.69			1193.69	1736.26
INTEREST ON OPERATING CAPITAL															39.03
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1775.29

Table 6.B Summary of estimated costs per acre, Cabbage (spring), transplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	114.56	1.0000	114.56	_____
HERBICIDES	acre	4.69	1.0000	4.69	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	16.94	1.0000	16.94	_____
PACK & HARVEST ITEMS	acre	225.00	1.0000	225.00	_____
PLANTS	acre	360.00	1.0000	360.00	_____
HARVEST LABOR	acre	322.50	1.0000	322.50	_____
OPERATOR LABOR	hour	7.50	31.6920	237.69	_____
IRRIGATION LABOR	hour	7.50	4.0000	30.00	_____
DIESEL FUEL	gal	0.85	4.6170	3.92	_____
ELECTRICITY	kwh	0.09	24.0000	2.16	_____
GASOLINE	gal	1.10	53.8160	59.20	_____
REPAIR & MAINTENANCE	acre	72.86	1.0000	72.86	_____
INTEREST ON OP. CAP.	acre	39.03	1.0000	39.03	_____
TOTAL DIRECT EXPENSES				1638.55	_____
TOTAL FIXED EXPENSES				136.74	_____
TOTAL SPECIFIED EXPENSES				1775.29	_____

Table 6.C Effects of yields and prices on net returns per acre above total direct expenses, Cabbage (spring), transplanted, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Sacks)	Price Per Sack				
	2.25	3.25	4.25	5.25	6.25
	-----Net Returns Per Acre-----				
250.00	-629.80	-379.80	-129.80	120.20	370.20
350.00	-627.93	-277.93	72.08	422.08	772.08
450.00	-626.05	-176.05	273.95	723.95	1173.95
550.00	-624.18	-74.18	475.83	1025.83	1575.83
650.00	-622.30	27.70	677.70	1327.70	1977.70

Table 7.A Estimated resource use and costs per acre for field operations, Cantaloupes, hybrid, irrigated, local fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT		TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE		COST
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan										10.56
Disk 2R	6 ft	43	0.570	1.00	Jan	2.89	1.46	0.38	0.54	0.627	4.70	6.6000	1.60	10.56	19.97
Disk 2R	6 ft	43	0.570	2.00	Mar	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Hipper 1R	3 ft	23	1.530	1.00	Mar	2.63	2.53	0.50	0.72	1.683	12.62				25.01
Hipper fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.25	1.705	12.75				25.01
H-24-24	lb											500.0000	0.13	65.00	65.00
Row conditioner 1R	6 ft	23	0.410	1.00	Apr	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Apr	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Cantaloupe seed	lb											2.0000	190.00	380.00	380.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Curbit	pt											3.0000	4.54	13.62	13.62
Furrow irrigation	acin			1.00	Apr			6.88	55.50	2.000	15.00				77.38
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											0.5000	8.00	4.00	4.00
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate	33% lb											100.0000	0.13	13.00	13.00
Middle buster 1R	3 ft	0	1.530	1.00	Apr			0.22	0.31						0.53
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57	1.5000	6.38	9.57	9.57
Sevin	lb											0.6000	4.40	2.64	2.64
Other labor	hour			1.00	May							8.0000	7.50	60.00	60.00
Furrow irrigation	acin			1.00	May			6.88	0.28	2.000	15.00				21.88
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57	2.0000	0.78	1.56	3.12
Post	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											2.5000	6.38	15.95	15.95
Benlate	lb											0.5000	15.80	7.90	7.90
Furrow irrigation	acin			1.00	Jun			6.88	0.28	2.000	15.00				21.88
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											1.5000	6.38	9.57	9.57
Sevin	lb											0.6000	4.40	2.64	2.64
Harvest labor	hour			1.00	Jul							50.0000	7.50	375.00	375.00
harvest container	each											8.0000	3.00	24.00	24.00
Packing labor	hour											10.0000	7.50	75.00	75.00
Packing boxes	each											80.0000	1.10	88.00	88.00
Pickup truck	1/2 ton		1.000	10.00	Jul			41.56	33.63	10.000	75.00				150.19
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Middle buster 1R	3 ft	23	1.530	1.00	Jul	5.63	2.53	0.22	0.31	1.683	12.62				21.31
TOTALS						46.93	21.56	68.55	97.84	29.310	219.83			1185.42	1640.12
INTEREST ON OPERATING CAPITAL															32.29
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1672.41



Table 8.A Estimated resource use and costs per acre for field operations, Cauliflower, irrigated, fresh-market, two-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						dollars				dollars		dollars				
Lime (spread)	cwt			1.00	Jul							6.6000	1.60	10.56	10.56	
Disk 2R	6 ft	43	0.570	1.00	Jul	2.89	1.46	0.38	0.54	0.627	4.70				9.97	
Disk 2R	6 ft	43	0.570	1.00	Aug	2.89	1.46	0.38	0.54	0.627	4.70				9.97	
Disk-pre-1-2R	6 ft	23	0.590	1.00	Aug	2.17	0.98	0.49	0.70	0.649	4.87				9.21	
Irrigan	pt											1.2500	3.75	4.69	4.69	
Hipper 1R	3 ft	23	1.530	1.00	Aug	5.63	2.53	0.50	0.72	1.683	12.62				22.01	
13-13-13	lb											800.0000	0.12	96.00	96.00	
Hipper 1R	3 ft	23	1.530	1.00	Aug	5.63	2.53	0.50	0.72	1.683	12.62				22.01	
Veg Transplanter	1 row	23	4.000	1.00	Aug	14.72	6.61	1.25	3.26	16.400	123.00				148.84	
Planting labor	hour											20.0000	7.50	150.00	150.00	
Cauliflower plants	100											85.0000	4.00	340.00	340.00	
Furrow irrigation	acin			1.00	Aug			6.88	55.50	2.000	15.00				77.38	
Other labor	hour			1.00	Aug							4.0000	7.50	30.00	30.00	
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12	
Ambush	pt											0.2500	13.88	3.47	3.47	
Dipel	pt											1.0000	3.00	3.00	3.00	
Buffer	pt											1.0000	2.00	2.00	2.00	
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.63	2.53	0.40	0.57	1.683	12.62				21.76	
Furrow irrigation	acin			1.00	Sep			6.88	55.50	2.000	15.00				77.38	
Cultivator 1R	3 ft	23	1.530	1.00	Oct	5.63	2.53	0.40	0.57	1.683	12.62				21.76	
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12	
Ambush	pt											0.2500	13.88	3.47	3.47	
Dipel	pt											1.0000	3.00	3.00	3.00	
Buffer	pt											1.0000	2.00	2.00	2.00	
Cultivator 1R	3 ft	23	1.530	1.00	Oct	5.63	2.53	0.40	0.57	1.683	12.62				21.76	
Furrow irrigation	acin			1.00	Oct			6.88	55.50	2.000	15.00				77.38	
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12	
Ambush	pt											0.2500	13.88	3.47	3.47	
Dipel	pt											1.0000	3.00	3.00	3.00	
Buffer	pt											1.0000	2.00	2.00	2.00	
Cultivator 1R	3 ft	23	1.530	1.00	Oct	5.63	2.53	0.40	0.57	1.683	12.62				21.76	
Furrow irrigation	acin			1.00	Oct			6.88	55.50	2.000	15.00				77.38	
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12	
Post	pt											1.0000	12.56	12.56	12.56	
Crop oil	pt											2.0000	0.78	1.56	1.56	
Blanching labor	hour			1.00	Nov							15.0000	7.50	112.50	112.50	
Trailer utility	10 ft	23	1.000	2.00	Nov	7.36	3.31	0.80	2.86	2.200	16.50				30.82	
Harvest labor	hour			1.00	Nov							30.0000	7.50	225.00	225.00	
Packing labor	hour			1.00	Nov							11.0000	7.50	82.50	82.50	
Packing boxes	each			1.00	Nov							300.0000	1.10	330.00	330.00	
Pickup truck	1/2 ton			10.00	Nov			41.56	33.63	10.000	75.00				150.19	
Disk 2R	6 ft	43	0.570	1.00	Nov	2.89	1.46	0.38	0.54	0.627	4.70				9.97	
TOTALS																
INTEREST ON OPERATING CAPITAL							63.20	28.87	68.88	101.55	46.172	346.29			1412.31	2021.09
UNALLOCATED LABOR																38.82
TOTAL SPECIFIED COST																2059.91

Table 8.B Summary of estimated costs per acre, Cauliflower, irrigated, fresh-market, two-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	106.56	1.0000	106.56	_____
HERBICIDES	acre	18.81	1.0000	18.81	_____
HIRED LABOR	acre	292.50	1.0000	292.50	_____
INSECTICIDES	acre	16.94	1.0000	16.94	_____
PACK & HARVEST ITEMS	acre	330.00	1.0000	330.00	_____
PLANTS	acre	340.00	1.0000	340.00	_____
HARVEST LABOR	acre	307.50	1.0000	307.50	_____
OPERATOR LABOR	hour	7.50	28.1720	211.29	_____
HAND LABOR	hour	7.50	12.0000	90.00	_____
IRRIGATION LABOR	hour	7.50	6.0000	45.00	_____
DIESEL FUEL	gal	0.85	4.6170	3.92	_____
ELECTRICITY	KWh	0.09	36.0000	3.24	_____
GASOLINE	gal	1.10	48.6960	53.57	_____
REPAIR & MAINTENANCE	acre	71.35	1.0000	71.35	_____
INTEREST ON OP. CAP.	acre	38.82	1.0000	38.82	_____
TOTAL DIRECT EXPENSES				1929.49	_____
TOTAL FIXED EXPENSES				130.41	_____
TOTAL SPECIFIED EXPENSES				2059.91	_____

Table 8.C Effects of yields and prices on net returns per acre above total direct expenses, Cauliflower, irrigated, fresh market, two-row equipment, average yield, Louisiana, 1997.

Yield (Boxes)	Price Per Box				
	6.00	7.00	8.00	9.00	10.00
	-----Net Returns Per Acre-----				
220.00	-452.06	-232.06	-12.06	207.94	427.94
260.00	-289.78	-29.78	230.22	490.22	750.22
300.00	-127.49	172.51	472.51	772.51	1072.51
340.00	34.80	374.80	714.80	1054.80	1394.80
380.00	197.08	577.08	957.08	1337.08	1717.08



Table 9.A Estimated resource use and costs per acre for field operations, Corn (Sweet), hybrid, fresh market, irrigated, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Lime (spread)	cwt			1.00	Feb											10.56
Disk 2R	6 ft	43	0.570	1.00	Feb	2.89	1.46	0.38	0.54	0.627	4.70	6.6000	1.60	10.56		9.97
Fertilizer buggy	30 ft	93	0.060	1.00	Mar	0.27	0.37		0.00	0.066	0.50					1.14
Disk 2R	6 ft	43	0.570	2.00	Mar	5.79	2.92	0.75	1.07	1.254	9.40	750.0000	0.12	90.00		90.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.50	0.72	1.683	12.62					22.01
Row conditioner 1R	6 ft	23	0.410	1.00	Mar	1.51	0.68	0.08	0.12	0.451	3.38					5.77
Plant + Pre 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.53	0.86	1.683	12.62					22.18
Sweet corn seed	lb											12.0000	5.00	60.00		60.00
Furadan 4F	qt											1.0000	16.00	16.00		16.00
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57					3.12
Lasso	pt											6.0000	3.23	19.38		19.38
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62					23.76
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28					23.24
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50		19.50
Furrow irrigation	acin			1.00	Apr	0.70	0.31	6.88	55.50	2.000	15.00	2.0000				77.38
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57					3.12
Ambush	pt											0.5600	13.88	7.77		7.77
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57					3.12
Ambush	pt											0.5600	13.88	7.77		7.77
Cult-fert 1R	3 ft	23	1.610	1.00	May	5.93	2.66	0.57	0.81	1.771	13.28					23.24
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50		19.50
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57					3.12
Ambush	pt											0.5600	13.88	7.77		7.77
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57					3.12
Ambush	pt											0.5600	13.88	7.77		7.77
Furrow irrigation	acin			1.00	May	0.70	0.31	6.88	55.50	2.000	15.00	2.0000				77.38
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57					3.12
Ambush	pt											0.5600	13.88	7.77		7.77
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57					3.12
Ambush	pt											0.5600	13.88	7.77		7.77
Trailer utility	10 ft	23	1.000	1.00	Jun	3.68	1.65	0.40	1.43	1.100	8.25					15.41
Packing sacks	each			1.00	Jun							130.0000	0.50	65.00		65.00
Harvest labor	hour			1.00	Jun							20.0000	7.50	150.00		150.00
Packing labor	hour			1.00	Jun							10.0000	7.50	75.00		75.00
Pickup truck	1/2 ton		1.000	12.60	Jun			52.37	42.37	12.600	94.50					189.24
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.72	1.22	0.28	0.74	0.814	6.11					11.08
Disk 2R	6 ft	43	0.570	1.00	Jul	2.89	1.46	0.38	0.54	0.627	4.70					9.97
TOTALS						53.41	24.88	72.80	108.03	31.593	236.95			571.58		1067.64
INTEREST ON OPERATING CAPITAL																17.67
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																1085.31

Table 9.B Summary of estimated costs per acre, Corn (Sweet), hybrid, fresh market, irrigated, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	139.56	1.0000	139.56	_____
HERBICIDES	acre	19.38	1.0000	19.38	_____
INSECTICIDES	acre	62.64	1.0000	62.64	_____
PACK & HARVEST ITEMS	acre	65.00	1.0000	65.00	_____
SEED	acre	60.00	1.0000	60.00	_____
HARVEST LABOR	acre	225.00	1.0000	225.00	_____
OPERATOR LABOR	hour	7.50	27.5930	206.95	_____
IRRIGATION LABOR	hour	7.50	4.0000	30.00	_____
DIESEL FUEL	gal	0.85	6.1560	5.23	_____
ELECTRICITY	kWh	0.09	24.0000	2.16	_____
GASOLINE	gal	1.10	49.5640	54.52	_____
REPAIR & MAINTENANCE	acre	64.30	1.0000	64.30	_____
INTEREST ON OP. CAP.	acre	17.67	1.0000	17.67	_____
TOTAL DIRECT EXPENSES				952.41	_____
TOTAL FIXED EXPENSES				132.90	_____
TOTAL SPECIFIED EXPENSES				1085.31	_____

Table 9.C Effects of yields and prices on net returns per acre above total direct expenses, Corn (Sweet), hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Dozen)	1.00	1.25	Price Per Dozen 1.50	1.75	2.00
			Net Returns Per Acre		
450.00	-438.66	-326.16	-213.66	-101.16	11.34
525.00	-395.54	-264.29	-133.04	-1.79	129.47
600.00	-352.41	-202.41	-52.41	97.59	247.59
675.00	-309.29	-140.54	28.22	196.97	365.72
750.00	-266.16	-78.66	108.84	296.34	483.84

Table 10.A Estimated resource use and costs per acre for field operations, Cucumbers (hybrid), irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						dollars				dollars		dollars			
Lime (spread)	cwt			1.00	Jan							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Jan	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Mar	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Middle buster 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.22	0.31	1.683	12.62				21.31
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
Hipper-fert 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.50	0.72	1.683	12.62	500.0000	0.13	65.00	65.00
Row conditioner 1R	3 ft	23	0.410	1.00	Apr	1.51	0.68	0.88	0.12	0.451	3.38				22.07
Planter 1R	3 ft	23	1.500	1.00	Apr	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Cucumber seed	lb											1.0000	50.00	50.00	50.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Curbit	pt											3.0000	4.54	13.62	13.62
Furrow irrigation	acin			1.00	Apr			6.88	55.50	2.000	15.00				77.38
Other labor	hour			1.00	Apr							2.0000			2.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57	10.0000	7.50	75.00	75.00
Thiodan	lb											0.5000	8.00	4.00	4.00
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											1.5000	6.38	9.57	9.57
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Post	pt											2.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Benlate	lb											0.5000	15.80	7.90	7.90
Furrow irrigation	acin			1.00	May			6.88		2.000	15.00				21.88
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Bravo	pt											1.5000	6.38	9.57	9.57
Other labor	hour			1.00	May							8.0000	7.50	60.00	60.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Furrow irrigation	acin			1.00	May			6.88		2.000	15.00				21.88
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Bravo	pt											1.5000	6.38	9.57	9.57
Benlate	lb											0.5000	15.80	7.90	7.90
Furrow irrigation	acin			1.00	Jun			6.88		2.000	15.00				21.88
Harvest labor	bu			1.00	Jun							300.0000	1.00	300.00	300.00
harvest container	each			1.00	Jun							8.0000	3.00	24.00	24.00
Packing labor	hour			1.00	Jun							30.0000	7.50	225.00	225.00
Packing boxes	each			1.00	Jun							300.0000	1.10	330.00	330.00
Pickup truck	1/2 ton		1.000	10.00	Jun			41.56	33.63	10.000	75.00				150.19
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Disk 2R	6 ft	43	0.570	2.00	Jul	5.79	2.92	0.75	1.07	1.254	9.40				19.94
TOTALS						57.65	26.69	76.11	98.89	34.038	255.29			1234.09	1748.72
INTEREST ON OPERATING CAPITAL															24.53
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1773.25

Table 10.B Summary of estimated costs per acre, Cucumbers (hybrid), irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	88.56	1.0000	88.56	_____
FUNGICIDES	acre	44.51	1.0000	44.51	_____
HERBICIDES	acre	27.74	1.0000	27.74	_____
HIRE LABOR	acre	135.00	1.0000	135.00	_____
INSECTICIDES	acre	9.28	1.0000	9.28	_____
PACK & HARVEST ITEMS	acre	354.00	1.0000	354.00	_____
SEED	acre	50.00	1.0000	50.00	_____
HARVEST LABOR	acre	525.00	1.0000	525.00	_____
OPERATOR LABOR	hour	7.50	26.0380	195.29	_____
IRRIGATION LABOR	hour	7.50	8.0000	60.00	_____
DIESEL FUEL	gal	0.85	7.6950	6.54	_____
ELECTRICITY	KWh	0.09	48.0000	4.32	_____
GASOLINE	gal	1.10	43.7680	48.14	_____
REPAIR & MAINTENANCE	acre	74.75	1.0000	74.75	_____
INTEREST ON OP. CAP.	acre	24.53	1.0000	24.53	_____
TOTAL DIRECT EXPENSES				1647.66	_____
TOTAL FIXED EXPENSES				125.58	_____
TOTAL SPECIFIED EXPENSES				1773.25	_____

Table 10.C Effects of yields and prices on net returns per acre above total direct expenses, Cucumber, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Bushels)	Price Per Bushel				
	4.50	5.50	6.50	7.50	8.50
	-----Net Returns Per Acre-----				
200.00	-537.66	-337.66	-137.66	62.34	262.34
250.00	-417.66	-167.66	82.34	332.34	582.34
300.00	-297.66	2.34	302.34	602.34	902.34
350.00	-177.66	172.34	522.34	872.34	1222.34
400.00	-57.66	342.34	742.34	1142.34	1542.34

Table 11.A Estimated resource use and costs per acre for field operations, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Jan	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Mar	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
Hipper 1R	3 ft	23	1.530	2.00	Mar	11.26	5.06	1.01	1.44	3.366	25.25	600.0000	0.13	78.00	78.00
Row conditioner 1R	6 ft	23	0.410	1.00	Mar	1.51	0.68	0.08	0.12	0.451	3.38				44.01
Plastic layer	5 ft	23	1.500	1.00	Mar	5.52	2.48	1.26	2.63	4.650	34.88				5.77
Plastic	roll											5.0000	60.00	300.00	46.77
Veg Transplanter	1 row	23	4.000	1.00	Mar	14.72	6.61	1.25	3.26	16.400	123.00				300.00
Eggplant plants	100											80.0000	4.00	320.00	148.84
Furrow irrigation	acin			1.00	Mar			3.44	55.50	1.000	7.50	1.0000			320.00
Cultivator 2R	6 ft	43	0.570	1.00	Mar	2.89	1.46	0.31	0.45	0.627	4.70				66.44
Other labor	hour			1.00	Apr							5.0000	7.50	37.50	9.82
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				37.50
Malathion	pt											1.0000	2.88	2.88	3.12
Buffer	pt											1.0000	2.00	2.00	2.88
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				2.00
Ammonium Nitrate 33%	lb											75.0000	0.13	9.75	23.24
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				9.75
Post	pt											1.0000	12.56	12.56	3.12
Crop oil	pt											2.0000	0.78	1.56	3.12
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				1.56
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.88
Furrow irrigation	acin			1.00	Apr			3.44		1.000	7.50				2.00
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				10.94
Ambush	pt											0.8000	13.88	11.10	3.12
Buffer	pt											1.0000	2.00	2.00	11.10
Cult-fert 1R	3 ft	23	1.610	1.00	May	5.93	2.66	0.57	0.81	1.771	13.28				2.00
Ammonium Nitrate 33%	lb											75.0000	0.13	9.75	23.24
Furrow irrigation	acin			1.00	May			3.44		1.000	7.50				9.75
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				10.94
Malathion	pt											1.0000	2.88	2.88	3.12
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				2.00
Ambush	pt											0.8000	13.88	11.10	3.12
Buffer	pt											1.0000	2.00	2.00	11.10
Harvest labor	hour			1.00	Jun							40.0000	7.50	300.00	2.00
Packing labor	hour			1.00	Jun							20.0000	7.50	150.00	300.00
Cult-fert 1R	3 ft	23	1.610	1.00	Jun	5.93	2.66	0.57	0.81	1.771	13.28				150.00
Ammonium Nitrate 33%	lb											75.0000	0.13	9.75	23.24
Furrow irrigation	acin			1.00	Jul			3.44		1.000	7.50				9.75
Harvest labor	hour			1.00	Aug							40.0000	7.50	300.00	10.94
harvest container	each											8.0000	3.00	24.00	24.00
Packing boxes	each											300.0000	1.10	330.00	330.00
Packing labor	hour											20.0000	7.50	150.00	150.00
Pickup truck	1/2 ton			4.70	Aug			19.53	15.80	4.700	35.25				70.99
Coultter	1 row	23	1.500	1.00	Sep	5.52	2.48	0.19	0.28	1.650	12.38				20.85
Other labor	hour											15.0000	7.50	112.50	112.50
Shredder 1R	5 ft	23	0.740	1.00	Sep	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Pickup truck	3/4 ton			1.00	Sep			4.16	3.36	1.000	7.50				15.02
Middle buster 1R	3 ft	23	1.530	1.00	Sep	5.63	2.53	0.22	0.31	1.683	12.62				21.31
Disk 2R	6 ft	43	0.570	1.00	Sep	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS															
INTEREST ON OPERATING CAPITAL															2196.78
UNALLOCATED LABOR															2841.69
TOTAL SPECIFIED COST															98.91
															0.00
															2940.61

Table 11.B Summary of estimated costs per acre, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	117.81	1.0000	117.81	_____
HERBICIDES	acre	14.12	1.0000	14.12	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	40.85	1.0000	40.85	_____
PACK & HARVEST ITEMS	acre	354.00	1.0000	354.00	_____
PLASTIC	acre	300.00	1.0000	300.00	_____
PLANTS	acre	320.00	1.0000	320.00	_____
HARVEST LABOR	acre	900.00	1.0000	900.00	_____
OPERATOR LABOR	hour	7.50	34.1210	255.91	_____
HAND LABOR	hour	7.50	12.0000	90.00	_____
IRRIGATION LABOR	hour	7.50	4.0000	30.00	_____
DIESEL FUEL	gal	0.85	7.6950	6.54	_____
ELECTRICITY	kwh	0.09	24.0000	2.16	_____
GASOLINE	gal	1.10	46.6660	51.33	_____
REPAIR & MAINTENANCE	acre	76.76	1.0000	76.76	_____
INTEREST ON OP. CAP.	acre	98.91	1.0000	98.91	_____
TOTAL DIRECT EXPENSES				2808.39	_____
TOTAL FIXED EXPENSES				132.22	_____
TOTAL SPECIFIED EXPENSES				2940.61	_____

Table 11.C Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Boxes)	5.75	6.75	Price Per Box 7.75	8.75	9.75
			Net Returns Per Acre		
250.00	-970.79	-720.79	-470.79	-220.79	29.21
300.00	-883.29	-583.29	-283.29	-16.71	316.71
350.00	-795.79	-445.79	-95.79	254.21	604.21
400.00	-708.29	-308.29	91.71	491.71	891.71
450.00	-620.79	-170.79	279.21	729.21	1179.21

Table 12.A Estimated resource use and costs per acre for field operations, Greens (Mustard), fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						dollars				dollars		dollars			
Disk 2R	6 ft	43	0.570	2.00	Jul	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Disk-pre-1-2R	6 ft	23	0.590	1.00	Aug	2.17	0.98	0.49	0.70	0.649	4.87				9.21
Trellan	pt											1.2500	3.75	4.69	4.69
Hipper-fert 1R	3 ft	23	1.550	1.00	Aug	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											300.0000	0.13	39.00	39.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	11.26	5.06	1.01	1.44	3.366	25.25				44.01
Row conditioner 1R	6 ft	23	0.410	1.00	Aug	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Aug	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Mustard seed	lb											2.5000	5.00	12.50	12.50
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Cult-fert 1R	3 ft	23	1.610	1.00	Sep	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Post	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Harvest labor	doz			1.00	Oct							600.0000	1.20	720.00	720.00
harvest container	each											8.0000	3.00	24.00	24.00
Packing crates	each			1.00	Oct							300.0000	1.08	324.00	324.00
String	lb											6.0000	2.00	12.00	12.00
Pickup truck	1/2 ton		1.000	10.00	Oct			41.56	33.63	10.000	75.00				150.19
Disk 2R	6 ft	43	0.570	1.00	Oct	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						55.54	25.43	48.21	42.70	25.884	194.13			1182.83	1548.84
INTEREST ON OPERATING CAPITAL															16.04
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1564.89

Table 12.B Summary of estimated costs per acre, Greens (Mustard), fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	52.00	1.0000	52.00	_____
HERBICIDES	acre	18.81	1.0000	18.81	_____
INSECTICIDES	acre	19.52	1.0000	19.52	_____
PACK & HARVEST ITEMS	acre	348.00	1.0000	348.00	_____
SEED	acre	12.50	1.0000	12.50	_____
STAKES & TWINE	acre	12.00	1.0000	12.00	_____
HARVEST LABOR	acre	720.00	1.0000	720.00	_____
OPERATOR LABOR	hour	7.50	25.8840	194.13	_____
DIESEL FUEL	gal	0.85	4.6170	3.92	_____
GASOLINE	gal	1.10	45.3680	49.90	_____
REPAIR & MAINTENANCE	acre	49.93	1.0000	49.93	_____
INTEREST ON OP. CAP.	acre	16.04	1.0000	16.04	_____
TOTAL DIRECT EXPENSES				1496.76	_____
TOTAL FIXED EXPENSES				68.13	_____
TOTAL SPECIFIED EXPENSES				1564.89	_____

Table 12.C Effects of yields and prices on net returns per acre above total direct expenses, Greens (Mustard), fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Doz Bunches)	3.00	3.50	Price Per 4.00	Bunches	4.50	5.00
				Net Returns Per Acre		
300.00	-71.76	78.24	228.24	378.24	528.24	
450.00	115.74	340.74	565.74	790.74	1015.74	
600.00	303.24	603.24	903.24	1203.24	1503.24	
750.00	490.74	865.74	1240.74	1615.74	1990.74	
900.00	678.24	1128.24	1578.24	2028.24	2478.24	



Table 13.A. Estimated resource use and costs per acre for field operations, Okra, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Mar							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Mar	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	1.00	Apr	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk-pre-1-2R	6 ft	23	0.590	1.00	Apr	2.17	0.98	0.49	0.70	0.649	4.87				9.21
Ireflan	qt											1.5000	3.75	5.63	5.63
Hipper-fert 1R	3 ft	23	1.550	1.00	Apr	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											300.0000	0.13	39.00	39.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Row conditioner 1R	6 ft	23	0.410	1.00	Apr	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Apr	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Okra seed	lb			1.00	Apr							6.0000	2.55	15.30	15.30
Other labor	hour											5.0000	7.50	37.50	37.50
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.2500	4.40	5.50	5.50
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Other labor	hour			1.00	May							24.0000	7.50	180.00	180.00
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.2500	4.40	5.50	5.50
Cult-fert 1R	3 ft	23	1.610	1.00	Jun	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											60.0000	0.13	7.80	7.80
Harvest labor	bu			1.00	Jul							120.0000	5.00	600.00	600.00
Packing labor	hour			1.00	Jul							7.0000	7.50	52.50	52.50
Pickup truck	1/2 ton		1.000	3.00	Jul			12.47	10.09	3.000	22.50				45.06
Boom sprayer	12 ft	23	0.190	1.00	Jul	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.2500	4.40	5.50	5.50
Harvest labor	bu			1.00	Aug							120.0000	5.00	600.00	600.00
Harvest sacks	each			1.00	Aug							94.0000	0.55	51.70	51.70
Packing labor	hour			1.00	Aug							7.0000	7.50	52.50	52.50
Packing boxes	each											240.0000	1.10	264.00	264.00
Pickup truck	1/2 ton		1.000	3.00	Aug			12.47	10.09	3.000	22.50				45.06
Shredder 1R	5 ft	23	0.740	1.00	Sep	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Middle buster 1R	3 ft	23	1.530	1.00	Sep	2.89	2.53	0.22	0.31	1.683	12.62				21.31
Disk 2R	6 ft	43	0.570	1.00	Sep	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						51.23	23.49	30.66	28.45	20.597	154.48			1932.99	2221.30
INTEREST ON OPERATING CAPITAL															54.00
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2275.30

Table 13.B Summary of estimated costs per acre, Okra, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	57.36	1.0000	57.36	_____
HERBICIDES	acre	5.63	1.0000	5.63	_____
HIRED LABOR	acre	217.50	1.0000	217.50	_____
INSECTICIDES	acre	16.50	1.0000	16.50	_____
PACK & HARVEST ITEMS	acre	315.70	1.0000	315.70	_____
SEED	acre	15.30	1.0000	15.30	_____
HARVEST LABOR	acre	1305.00	1.0000	1305.00	_____
OPERATOR LABOR	hour	7.50	20.5970	154.48	_____
DIESEL FUEL	gal	0.85	4.6170	3.92	_____
GASOLINE	gal	1.10	33.4960	36.85	_____
REPAIR & MAINTENANCE	acre	41.13	1.0000	41.13	_____
INTEREST ON OP. CAP.	acre	54.00	1.0000	54.00	_____
TOTAL DIRECT EXPENSES				2223.36	_____
TOTAL FIXED EXPENSES				51.94	_____
TOTAL SPECIFIED EXPENSES				2275.30	_____

Table 13.C Effects of yields and prices on net returns per acre above total direct expenses, Okra, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Bushels)	11.00	13.00	Price Per Bushel 15.00	17.00	19.00
	Net Returns Per Acre				
200.00	220.64	620.64	1020.64	1420.64	1820.64
220.00	318.64	758.64	1198.64	1638.64	2078.64
240.00	416.64	896.64	1376.64	1856.64	2336.64
260.00	514.64	1034.64	1554.64	2074.64	2594.64
280.00	612.64	1172.64	1732.64	2292.64	2852.64

Table 14.A Estimated resource use and costs per acre for field operations, Peas (Southern), nonvining, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Feb	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Apr	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Disk-pre-1-2R	6 ft	23	0.590	1.00	Apr	2.17	0.98	0.49	0.70	0.649	4.87				9.21
Ireflan	pt											1.2500	3.75	4.69	4.69
Dual	pt											1.5000	7.85	11.78	11.78
Hipper-fert 1R	3 ft	23	1.550	1.00	Apr	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											300.0000	0.13	39.00	39.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Row conditioner 1R	6 ft	23	0.410	1.00	Apr	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Apr	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Southern pea seed	lb											30.0000	1.25	37.50	37.50
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											1.0000	8.00	8.00	8.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Other labor	hour			1.00	May							10.0000	7.50	75.00	75.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Post	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.2500	4.40	5.50	5.50
Cultivator 1R	3 ft	23	1.530	1.00	Jun	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											1.0000	8.00	8.00	8.00
Harvest labor	bu			1.00	Jul							100.0000	5.00	500.00	500.00
harvest container	each											8.0000	3.00	24.00	24.00
Packing labor	hour											6.0000	7.50	45.00	45.00
Bushel hampers	each											27.0000	2.16	58.32	58.32
Pickup truck	1/2 ton		1.000	3.00	Jul			12.47	10.09	3.000	22.50				45.06
Disk 2R	6 ft	43	0.570	1.00	Jul	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						51.81	23.91	18.57	18.47	17.531	131.48			841.46	1085.70
INTEREST ON OPERATING CAPITAL															16.70
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1102.40

Table 14.B Summary of estimated costs per acre, Peas (Southern), nonvining, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	49.56	1.0000	49.56	_____
HERBICIDES	acre	30.58	1.0000	30.58	_____
HIRED LABOR	acre	75.00	1.0000	75.00	_____
INSECTICIDES	acre	21.50	1.0000	21.50	_____
PACK & HARVEST ITEMS	acre	82.32	1.0000	82.32	_____
SEED	acre	37.50	1.0000	37.50	_____
HARVEST LABOR	acre	545.00	1.0000	545.00	_____
OPERATOR LABOR	hour	7.50	17.5310	131.48	_____
DIESEL FUEL	gal	0.85	6.1560	5.23	_____
GASOLINE	gal	1.10	24.9880	27.49	_____
REPAIR & MAINTENANCE	acre	37.66	1.0000	37.66	_____
INTEREST ON OP. CAP.	acre	16.70	1.0000	16.70	_____
TOTAL DIRECT EXPENSES				1060.02	_____
TOTAL FIXED EXPENSES				42.38	_____
TOTAL SPECIFIED EXPENSES				1102.40	_____

Table 14.C Effects of yields and prices on net returns per acre above total direct expenses, Peas (Southern), nonvining, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Bushels)	Price Per Bushel				
	13.00	14.00	15.00	16.00	17.00
	Net Returns Per Acre				
70.00	-27.02	42.98	112.98	182.98	252.98
85.00	106.48	191.48	276.48	361.48	446.48
100.00	239.98	339.98	439.98	539.98	639.98
115.00	373.48	488.48	603.48	718.48	833.48
130.00	506.98	636.98	766.98	896.98	1026.98

Table 15.A. Estimated resource use and costs per acre for field operations, Peppers (Bell), irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT		TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE		COST
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Sep							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Sep	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	1.00	Oct	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Hipper-fert 1R	3 ft	23	1.550	1.00	Oct	5.71	2.56	0.91	1.29	1.705	12.79				23.26
Hipper 1R	13-13-13											900.0000	0.12	108.00	108.00
Row conditioner 1R	3 ft	23	1.530	1.00	Oct	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Plastic + fumigation	6 ft	23	0.410	1.00	Oct	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Plastic	5 ft	23	1.500	1.00	Oct	5.52	2.48	1.58	3.29	4.650	34.88				47.74
Methyl bromide	roll											5.0000	60.00	300.00	300.00
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57	150.0000	1.20	180.00	180.00
Gramoxone	lb											2.0000	3.89	7.78	7.78
Surfactant	pt											1.0000	1.34	1.34	1.34
Trailer utility	10 ft	23	1.000	1.00	Mar	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Pepper plants	100											80.0000	5.75	460.00	460.00
Planting labor	hour											33.0000	7.50	247.50	247.50
Furrow irrigation	acin			1.00	Mar			3.44	55.50	1.000	7.50	1.0000			66.44
Other labor	hour			1.00	Mar							5.0000	7.50	37.50	37.50
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Orthene	lb											0.6700	11.80	7.91	7.91
Tribasic Copper	lb											1.5000	2.55	3.83	3.83
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				23.84
Ammonium Nitrate	33%											60.0000	0.13	7.80	7.80
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.2500	4.40	5.50	5.50
Tribasic Copper	lb											1.5000	2.55	3.83	3.83
Furrow irrigation	acin			1.00	Apr			3.44		1.000	7.50	1.0000			10.94
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.2500	4.40	5.50	5.50
Tribasic Copper	lb											1.5000	2.55	3.83	3.83
Cult-post 1R	3 ft	23	1.830	1.00	May	6.74	3.03	0.72	1.03	2.013	15.10				26.62
Gramoxone	pt											1.5000	3.89	5.84	5.84
Surfactant	pt											0.3000	1.34	0.40	0.40
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Tribasic Copper	lb											1.5000	2.55	3.83	3.83
Cult-fert 1R	3 ft	23	1.610	1.00	May	5.93	2.66	0.57	0.81	1.771	13.28				23.84
Ammonium Nitrate	33%											60.0000	0.13	7.80	7.80
Furrow irrigation	acin			1.00	May			3.44		1.000	7.50	1.0000			10.94
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.2500	4.40	5.50	5.50
Tribasic Copper	lb											1.5000	2.55	3.83	3.83
Other labor	hour			1.00	Jun							5.0000	7.50	37.50	37.50
Cultivator 1R	3 ft	23	1.530	1.00	Jun	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Trailer utility	10 ft	23	1.000	1.00	Jul	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Harvest labor	bu											600.0000	0.70	420.00	420.00
harvest container	each											8.0000	3.00	24.00	24.00
Other labor	hour											8.0000	7.50	60.00	60.00
Packing labor	hour											45.0000	7.50	337.50	337.50
Packing boxes	each											600.0000	1.10	660.00	660.00
Small wet pack line	acre			1.00	Jul			2.47	12.52			1.0000			14.99
Pickup truck	1/2 ton		1.000	4.70	Jul			19.53	15.80	4.700	35.25				70.59
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Coulter	1 row	23	1.500	1.00	Jul	5.52	2.48	0.19	0.28	1.650	12.38				20.85
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jul			4.16	3.36	1.000	7.50				15.02
Disk 2R	6 ft	43	0.570	2.00	Jul	5.79	2.92	0.75	1.07	1.254	9.40				19.94
TOTALS						74.67	34.18	46.43	103.81	33.062	247.97			3075.31	3582.35
INTEREST ON OPERATING CAPITAL															111.03
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3693.38



Table 16.A Estimated resource use and costs per acre for field operations, Pepper (Bell), irrigated, fresh wholesale market, four-row equipment, plastic mulch, average yield, Louisiana, 1997.

OPERATING/OPERATING INPUT	SIZE/UNIT	TRACTOR SIZE	TRACTOR COST		MTH	EQUIP COST		ALLOC LABOR		OPERATING INPUT		AMOUNT	PRICE	COST	TOTAL COST					
			PER ACRE	TIMES OVER		DIRECT	FIXED	DIRECT	FIXED	HOURS	COST									
															dollars		dollars		dollars	
Lime (spread)	cwt	3 ft		1.00	Sep							6.6000	1.60	10.56	10.56					
Disk 4R	13.3 ft	68	0.150	1.00	Sep										4.03					
Disk 4R	13.3 ft	68	0.150	1.00	Oct	1.13	0.63	0.43	0.61	0.165	1.24				4.03					
Fertilizer buggy	30 ft	93	0.060	1.00	Oct	0.27	0.37	0.43	0.00	0.066	0.50				4.03					
Hipper 4R	13.3 ft	68	0.160	2.00	Oct	2.40	1.33	0.49	0.70	0.352	2.64	900.0000	0.12	108.00	108.00					
Row conditioner 1R	6 ft	23	0.410	1.00	Oct	1.51	0.68	0.08	0.12	0.451	3.38				7.57					
Plastic + fumigation	5 ft	23	1.500	1.00	Oct	5.52	2.48	1.58	0.29	4.650	34.88				7.57					
Methyl bromide	lb											200.0000	60.00	300.00	300.00					
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57	2.0000	3.89	7.78	7.78					
Gramoxone	pt											1.0000	1.34	1.34	1.34					
Surfactant	pt														1.34					
Hole puncher	4 row	68	0.330	1.00	Mar			0.20	0.41						1.61					
Trailer utility	10 ft	23	1.000	1.00	Mar	3.68	1.65	0.40	1.43	1.100	8.25				15.41					
Pepper plants	100											80.0000	5.75	460.00	460.00					
Contract planting	2 1000											8.0000	12.50	100.00	100.00					
Furrow irrigation	acin			1.00	Mar					55.50					55.50					
Other labor	hour			1.00	Mar						9.6000	7.50	37.50	37.50						
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12					
Orthene	lb											0.6700	11.80	7.91	7.91					
Tribasic Copper	lb											1.5000	2.55	3.83	3.83					
Injection wheel	4 row	68	0.330	1.00	Apr			1.95	2.77			125.0000	0.18	22.50	22.50					
CaNO3 regular	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				1.12					
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57	1.2500	4.40	5.50	5.50					
Sevin	lb											1.5000	2.55	3.83	3.83					
Tribasic Copper	lb											1.0000			1.00					
Furrow irrigation	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57	1.2500	4.40	5.50	5.50					
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57	1.5000	2.55	3.83	3.83					
Sevin	lb											1.0000			1.00					
Tribasic Copper	lb											1.5000	2.55	3.83	3.83					
Cult-post 2R	6 ft	43	0.690	1.00	May	3.50	1.77	0.49	0.69	0.759	5.69	1.5000	3.89	5.84	12.14					
Gramoxone	pt											0.3000	1.34	0.40	0.40					
Surfactant	pt														0.40					
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57	1.5000	2.55	3.83	3.83					
Tribasic Copper	lb											1.0000			1.00					
Malathion	pt											1.0000	2.88	2.88	2.88					
Furrow irrigation	acin			1.00	May			3.44		1.000	7.50	1.0000			10.94					
Furrow irrigation	acin			1.00	May			3.44		1.000	7.50	1.0000			10.94					
Furrow irrigation	acin			1.00	Jun			3.44		1.000	7.50	1.0000			10.94					
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57	1.2500	4.40	5.50	5.50					
Sevin	lb											1.5000	2.55	3.83	3.83					
Tribasic Copper	lb											1.0000			1.00					
Furrow irrigation	acin			1.00	Jun			3.44		1.000	7.50	1.0000			10.94					
Other labor	hour			1.00	Jun						5.0000	7.50	37.50	37.50						
Furrow irrigation	acin			1.00	Jun			3.44		1.000	7.50	1.0000			10.94					
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57	1.0000			1.12					
Malathion	pt											1.0000	2.88	2.88	2.88					
Cultivator 4R	13.3 ft	68	0.140	1.00	Jun	1.05	0.58	0.25	0.35	0.154	1.16	1.0000			1.16					
Furrow irrigation	acin			1.00	Jun			3.44		1.000	7.50	1.0000			10.94					
Furrow irrigation	acin			1.00	Jun			3.44		1.000	7.50	1.0000			10.94					
Furrow irrigation	acin			1.00	Jun			3.44		1.000	7.50	1.0000			10.94					
Furrow irrigation	acin			1.00	Jun			3.44		1.000	7.50	1.0000			10.94					
Furrow irrigation	acin			1.00	Jun			3.44		1.000	7.50	1.0000			10.94					
Trailer utility	10 ft	23	1.000	1.00	Jul	3.68	1.65	0.40	1.43	1.100	8.25				15.41					
Harvest labor	bu											600.0000	0.70	420.00	420.00					
Harvest container	each											15.0000	3.00	45.00	45.00					
Other labor	hour											8.0000	7.50	60.00	60.00					
Vegetable bin	each											4.0000	40.00	160.00	160.00					
Large wet pack line	acre			1.00	Jul				2.95	15.65					18.60					
Packing labor	hour											30.0000	7.50	225.00	225.00					
Packing boxes	each											600.0000	1.10	660.00	660.00					
Fork lift			1.000	1.00	Jul			3.08	4.58	1.000	7.50				15.16					
Pickup truck	1/2 ton		1.000	6.20	Jul			25.77	20.85	6.200	46.50				93.12					
Shredder 2R	6.7 ft	43	0.390	1.00	Jul	1.98	0.58	0.31	0.81	0.428	3.22				7.37					
Coultter	4 row	68	0.140	1.00	Jul	1.05	0.58	0.07	0.11	0.154	1.16				1.16					
Other labor	hour											12.0000	7.50	90.00	90.00					
Pickup truck	1/2 ton		1.000	1.00	Jul			4.16	3.36	1.000	7.50				15.02					
Other labor	hour											1.0000	7.50	7.50	7.50					
Disk 4R	13.3 ft	68	0.150	1.00	Jul	1.13	0.63	0.43	0.61	0.165	1.24				4.03					
Cover crop	acre											1.0000	57.08	57.08	57.08					
TOTALS								32.92	16.18	83.12	115.84	30.373	227.80		3109.79	3585.65				
INTEREST ON OPERATING CAPITAL																107.38				
UNALLOCATED LABOR																0.00				
TOTAL SPECIFIED COST																3693.04				

Table 16.B Summary of estimated costs per acre, Pepper (Bell), irrigated, fresh wholesale market, four-row equipment, plastic mulch, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	141.06	1.0000	141.06	_____
FUNGICIDES	acre	19.13	1.0000	19.13	_____
HERBICIDES	acre	15.36	1.0000	15.36	_____
HIRED LABOR	acre	337.00	1.0000	337.00	_____
INSECTICIDES	acre	30.17	1.0000	30.17	_____
PACK & HARVEST ITEMS	acre	865.00	1.0000	865.00	_____
SEED	acre	57.08	1.0000	57.08	_____
PLASTIC	acre	300.00	1.0000	300.00	_____
FUMIGANT	acre	240.00	1.0000	240.00	_____
PLANTS	acre	460.00	1.0000	460.00	_____
HARVEST LABOR	acre	645.00	1.0000	645.00	_____
OPERATOR LABOR	hour	7.50	19.3730	145.30	_____
IRRIGATION LABOR	hour	7.50	11.0000	82.50	_____
DIESEL FUEL	gal	0.85	7.3260	6.23	_____
ELECTRICITY	kWh	0.09	71.0000	6.39	_____
GASOLINE	gal	1.10	27.8840	30.67	_____
REPAIR & MAINTENANCE	acre	72.75	1.0000	72.75	_____
INTEREST ON OP. CAP.	acre	107.38	1.0000	107.38	_____
TOTAL DIRECT EXPENSES				3561.01	_____
TOTAL FIXED EXPENSES				132.02	_____
TOTAL SPECIFIED EXPENSES				3693.04	_____

Table 16.C Effects of yields and prices on net returns per acre above total direct expenses, Pepper (Bell) irrigated, fresh wholesale market, four-row equipment, plastic mulch, average yield, Louisiana, 1997.

Yield (bushels)	Price Per Bushel				
	3.25	4.75	6.25	7.75	9.25
	Net Returns Per Acre				
300.00	-2046.01	-1596.01	-1146.01	-696.01	-246.01
450.00	-1828.51	-1153.51	-478.51	196.49	871.49
600.00	-1611.01	-711.01	188.99	1088.99	1988.99
750.00	-1393.51	-268.51	856.49	1981.49	3106.49
900.00	-1176.01	173.99	1523.99	2873.99	4223.99



Table 17.A Estimated resource use and costs per acre for field operations, Potato (Irish), fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT		TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	
						-----dollars-----				dollars		-----dollars-----		
Disk 2R	6 ft	43	0.570	3.00	Jan	8.68	4.38	1.13	1.61	1.881	14.11			29.90
Hipper-fert 1R 13-13-13	3 lb	23	1.550	1.00	Jan	5.71	2.56	0.91	1.29	1.705	12.79			23.26
Hipper 1R	3 lb	23	1.530	1.00	Feb	5.63	2.53	0.50	0.72	1.683	12.62	800.0000	0.12	96.00
Row conditioner 1R	6 ft	23	0.410	1.00	Feb	1.51	0.68	0.08	0.12	0.451	3.38			22.01
Trailer utility	10 ft	23	1.000	1.00	Feb	3.68	1.65	0.40	1.43	1.100	8.25			5.77
Planting labor	hour											14.0000	7.50	105.00
Irish potato seed	cwt											11.0000	15.00	165.00
Boom sprayer	12 ft	23	0.190	1.00	Feb	0.70	0.31	0.26	0.28	0.209	1.57			3.12
Dual	pt											2.0000	7.85	15.70
Sencor 4L	pt											1.0000	17.73	17.73
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57			3.12
Pounce	pt											0.5000	21.00	10.50
Cult-fert 1R	3 ft	23	1.610	1.00	Mar	5.93	2.66	0.57	0.81	1.771	13.28			23.24
Ammonium Nitrate	33% lb											100.0000	0.13	13.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57			3.12
Bravo	pt											0.7500	6.38	4.79
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62			21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57			3.12
Pounce	pt											0.5000	21.00	10.50
Dithane	lb											0.7500	2.95	2.21
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62			21.76
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.72	1.22	0.28	0.74	0.814	6.11			11.08
Potato digger, chain	1 row	23	1.500	1.00	Jun	5.52	2.48	2.77	3.94	1.650	12.38			27.09
Trailer utility	10 ft	23	1.000	1.00	Jun	3.68	1.65	0.40	1.43	1.100	8.25			15.41
Harvest labor	hour											28.0000	7.50	210.00
Harvest crate	each											30.0000	1.90	57.00
Packing labor	hour											22.0000	7.50	165.00
Packing sacks	each											300.0000	0.50	150.00
Pickup truck	1/2 ton													105.13
Disk 2R	6 ft	43	0.570	2.00	Jun	5.79	2.92	29.09	23.54	7.000	52.50			19.94
TOTALS						62.91	29.06	38.75	38.96	24.611	184.58			1022.43
INTEREST ON OPERATING CAPITAL														1376.69
UNALLOCATED LABOR														29.97
TOTAL SPECIFIED COST														0.00
														1406.66

Table 17.B Summary of estimated costs per acre, Potato (Irish), fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	109.00	1.0000	109.00	_____
FUNGICIDES	acre	7.00	1.0000	7.00	_____
HERBICIDES	acre	33.43	1.0000	33.43	_____
HIRED LABOR	acre	105.00	1.0000	105.00	_____
INSECTICIDES	acre	21.00	1.0000	21.00	_____
PACK & HARVEST ITEMS	acre	207.00	1.0000	207.00	_____
SEED	acre	165.00	1.0000	165.00	_____
HARVEST LABOR	acre	375.00	1.0000	375.00	_____
OPERATOR LABOR	hour	7.50	24.6110	184.58	_____
DIESEL FUEL	gal	0.85	7.6950	6.54	_____
GASOLINE	gal	1.10	38.5560	42.41	_____
REPAIR & MAINTENANCE	acre	52.71	1.0000	52.71	_____
INTEREST ON OP. CAP.	acre	29.97	1.0000	29.97	_____
TOTAL DIRECT EXPENSES				1338.64	_____
TOTAL FIXED EXPENSES				68.02	_____
TOTAL SPECIFIED EXPENSES				1406.66	_____

Table 17.C Effects of yields and prices on net returns per acre above total direct expenses, Potato (Irish), fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Cwt)	13.00	14.00	15.00	16.00	17.00
	Net Returns Per Acre				
100.00	91.36	191.36	291.36	391.36	491.36
125.00	351.36	476.36	601.36	726.36	851.36
150.00	611.36	761.36	911.36	1061.36	1211.36
175.00	871.36	1046.36	1221.36	1396.36	1571.36
200.00	1131.36	1331.36	1531.36	1731.36	1931.36

Table 18.A Estimated resource use and costs per acre for field operations, Potato (Sweet), fresh and process blend, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						dollars				dollars		dollars			
Disk 2R	6 ft	43	0.570	1.00	Mar	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Apr	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Hipper 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Mocap	1 lb	23	0.500	1.00	Apr	1.84	0.83	0.10	0.17	0.550	4.13	30.0000	1.15	34.50	34.50
Fertilizer app 8-24-24	1 lb	23	1.530	1.00	May	5.63	2.53	0.50	0.72	1.683	12.62	500.0000	0.13	65.00	65.00
Hipper 1R	3 ft	23	0.050	1.00	May	0.18	0.08	0.09	0.13	0.055	0.41				0.90
Ditcher	1.5 ft	23	1.530	1.00	May	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Hipper 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Trailer utility	10 ft	23	1.000	1.00	May	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Planting labor	hour											10.0000	7.50	75.00	75.00
Sweet potato slips	acre											1.0000	118.96	118.96	118.96
Cut slip labor	hour											5.0000	7.50	37.50	37.50
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Command 4EC	qt											0.5000	19.68	9.84	9.84
Water trailer	10 ft	43	1.000	1.00	May	5.08	2.56	0.63	2.57	1.100	8.25				19.09
Other labor	hour											2.0000	7.50	15.00	15.00
Boom sprayer	12 ft	23	0.190	2.00	Jun	1.40	0.63	0.52	0.56	0.418	3.14	2.6000	4.75	12.35	15.00
Imodan	1 lb	23	1.530	1.00	Jun	5.63	2.53	0.40	0.57	1.683	12.62				6.25
Cultivator 1R	3 ft	23	0.190	2.00	Jun	1.40	0.63	0.52	0.56	0.418	3.14				21.76
Boom sprayer	12 ft	23	0.190	2.00	Jun	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Pennacp M	1 pt	23	0.050	1.00	Jun	0.18	0.08	0.09	0.13	0.055	0.41	4.0000	2.77	11.08	11.08
Ditcher	1.5 ft	23	0.190	1.00	Jul	0.70	0.31	0.26	0.28	0.209	1.57				0.90
Boom sprayer	12 ft	23	0.190	1.00	Jul	1.40	0.63	0.52	0.56	0.418	3.14	2.0000	2.77	5.54	3.12
Pennacp M	1 pt	23	1.530	1.00	Jul	5.63	2.53	0.40	0.57	1.683	12.62				5.54
Cultivator 1R	3 ft	23	1.530	1.00	Jul	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Cultivator 1R	3 ft	23	1.530	1.00	Jul	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	3.00	Jul	2.10	0.94	0.78	0.84	0.627	4.70				9.37
Imodan	1 lb	23	0.050	1.00	Jul	0.18	0.08	0.09	0.13	0.055	0.41	3.9000	4.75	18.53	18.53
Ditcher	1.5 ft	23	0.190	2.00	Aug	1.40	0.63	0.52	0.56	0.418	3.14				0.90
Boom sprayer	12 ft	23	0.190	2.00	Aug	1.40	0.63	0.52	0.56	0.418	3.14	2.6000	4.75	12.35	6.25
Imodan	1 lb	23	1.000	2.00	Sep	7.36	3.31	0.80	2.86	2.200	16.50				30.82
Trailer utility	10 ft	23	0.740	1.00	Sep	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Shredder 1R	5 ft	23	1.500	1.00	Sep	5.52	2.48	0.19	0.28	1.650	12.38				20.85
Coulter	1 row	23	1.500	1.00	Sep	5.52	2.48	2.77	3.94	1.650	12.38				27.09
Potato digger, chain	1 row	23	1.500	1.00	Sep	5.52	2.48	2.77	3.94	1.650	12.38				27.09
Harvest labor	hour											50.0000	7.50	375.00	375.00
Harvest labor	hour											75.0000	1.90	142.50	142.50
Harvest crate	each														49.42
Truck	2 ton											8.0000	7.50	60.00	60.00
Other labor	hour														60.00
TOTALS						82.45	37.79	27.82	39.73	25.507	191.30			993.15	1372.24
INTEREST ON OPERATING CAPITAL															30.48
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1402.72

Table 18.B Summary of estimated costs per acre, Potato (Sweet), fresh and process blend, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	65.00	1.0000	65.00	_____
HERBICIDES	acre	9.84	1.0000	9.84	_____
HIRED LABOR	acre	187.50	1.0000	187.50	_____
INSECTICIDES	acre	94.35	1.0000	94.35	_____
PACK & HARVEST ITEMS	acre	142.50	1.0000	142.50	_____
SEED	acre	118.96	1.0000	118.96	_____
HARVEST LABOR	acre	375.00	1.0000	375.00	_____
OPERATOR LABOR	hour	7.50	25.5070	191.30	_____
DIESEL FUEL	gal	0.85	7.3170	6.22	_____
GASOLINE	gal	1.10	37.2560	40.98	_____
REPAIR & MAINTENANCE	acre	63.07	1.0000	63.07	_____
INTEREST ON OP. CAP.	acre	30.48	1.0000	30.48	_____
TOTAL DIRECT EXPENSES				1325.20	_____
TOTAL FIXED EXPENSES				77.53	_____
TOTAL SPECIFIED EXPENSES				1402.72	_____

Table 18.C Effects of yields and prices on net returns per acre above total direct expenses, Potato (Sweet), fresh and process blend, one-row equipment, average yield, Louisiana, 1997.

Yield (Cwt)	5.00	6.00	Price Per Cwt	7.00	8.00	9.00
			Net Returns Per Acre			
125.00	-580.20	-455.20		-330.20	-205.20	-80.20
150.00	-515.20	-365.20		-215.20	-65.20	84.80
175.00	-450.20	-275.20		-100.20	74.80	249.80
200.00	-385.20	-185.20		14.80	214.80	414.80
225.00	-320.20	-95.20		129.80	354.80	579.80

Table 19.A Estimated resource use and costs per acre for field operations, Potato (Sweet), fresh and process blend, four-row field equipment, one-row riding harvester, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT		TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	
						dollars				dollars		dollars		
Disk 4R	13.3 ft	68	0.150	1.00	Apr	1.13	0.63	0.43	0.61	0.165	1.24			4.03
Disk 4R	13.3 ft	68	0.150	2.00	Apr	2.25	1.25	0.86	1.22	0.330	2.48			8.06
Fert-buggy	30 ft	68	0.060	1.00	Apr	0.45	0.25	0.18	0.26	0.066	0.50			1.63
Hipper 4R	13.3 ft	68	0.160	1.00	Apr	1.20	0.67	0.25	0.35	0.176	1.32	500.0000	0.13	65.00
Mocap	1b													65.00
Hipper 4R	13.3 ft	68	0.160	2.00	May	2.40	1.33	0.49	0.70	0.352	2.64	30.0000	1.15	34.50
Trailer utility	10 ft	23	1.000	1.00	May	3.68	1.65	0.40	1.43	1.100	8.25			34.50
Sweet potato slips	acre											1.0000	118.96	118.96
Cut slip labor	hour											5.0000	7.50	37.50
Planting labor	hour											10.0000	7.50	75.00
Water Trailer	10 ft	43	1.000	1.00	May	5.08	2.56	0.63	2.57	1.100	8.25			18.09
Other labor	hour											2.0000	7.50	15.00
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57			3.12
Command 4EC	12 ft	23	0.190	2.00	Jun	1.40	0.63	0.52	0.56	0.418	3.14	0.5000	19.68	9.84
Ditcher	1.5 ft	23	0.050	1.00	May	0.18	0.08	0.09	0.13	0.055	0.41			0.90
Boom sprayer	12 ft	23	0.190	2.00	Jun	1.40	0.63	0.52	0.56	0.418	3.14	2.6000	4.75	12.35
Imodan	1b													6.25
Cultivator 4R	13.3 ft	68	0.140	1.00	Jun	1.05	0.58	0.25	0.35	0.154	1.16			12.35
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.18	0.08	0.09	0.13	0.055	0.41			0.90
Boom sprayer	12 ft	23	0.190	2.00	Jun	1.40	0.63	0.52	0.56	0.418	3.14			6.25
PennCap M	1b											4.0000	2.77	11.08
Cultivator 4R	13.3 ft	68	0.140	1.00	Jul	1.05	0.58	0.25	0.35	0.154	1.16			11.08
Boom sprayer	12 ft	23	0.190	3.00	Jul	2.10	0.94	0.78	0.84	0.627	4.70	3.9000	4.75	18.53
Imodan	1b													3.39
Cultivator 4R	13.3 ft	68	0.140	1.00	Jul	1.05	0.58	0.25	0.35	0.154	1.16			18.53
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.18	0.08	0.09	0.13	0.055	0.41			0.90
Boom sprayer	12 ft	23	0.190	1.00	Jul	0.70	0.31	0.26	0.28	0.209	1.57			3.12
PennCap M	1b											2.0000	2.77	5.54
Boom sprayer	12 ft	23	0.190	2.00	Aug	1.40	0.63	0.52	0.56	0.418	3.14	2.6000	4.75	12.35
Imodan	1b													6.25
Coulter	4 row	68	0.140	1.00	Sep	1.05	0.58	0.07	0.11	0.154	1.16			12.35
Shredder 2R	6.7 ft	43	0.390	1.00	Sep	1.98	1.00	0.31	0.81	0.429	3.22			7.97
Trailer utility	10 ft	23	1.000	1.00	Sep	3.68	1.65	0.40	1.43	1.100	8.25	1.0000	7.50	7.50
Other labor	hour													15.41
Truck	2 ton													7.50
Other labor	hour											7.0000	7.50	52.50
Riding Harvester, 1R	1 row	68	2.670	1.00	Sep	20.03	11.13	7.83	11.14	2.937	22.03			49.42
Potato bins	each													52.50
Harvest labor	hour											3.0000	38.00	114.00
Truck	2 ton											28.0000	7.50	210.00
Fork lift	hour													210.00
Packing Line	acre											1.0000		24.71
Packing boxes	each													15.16
Other labor	hour													93.40
TOTALS														264.00
INTEREST ON OPERATING CAPITAL												240.0000	1.10	264.00
UNALLOCATED LABOR												1.5000	7.50	11.25
TOTAL SPECIFIED COST														11.25
						54.33	28.17	47.82	67.02	25.335	190.01			1074.90
														1462.25
														2.49
														0.00
														1489.74

Table 19.B Summary of estimated costs per acre, Potato (Sweet), fresh and process blend, four-row field equipment, one-row riding harvester, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	65.00	1.0000	65.00	_____
HERBICIDES	acre	9.84	1.0000	9.84	_____
HIRED LABOR	acre	198.75	1.0000	198.75	_____
INSECTICIDES	acre	94.35	1.0000	94.35	_____
PACK & HARVEST ITEMS	acre	378.00	1.0000	378.00	_____
SEED	acre	118.96	1.0000	118.96	_____
HARVEST LABOR	acre	210.00	1.0000	210.00	_____
OPERATOR LABOR	hour	7.50	14.8350	111.26	_____
HAND LABOR	hour	7.50	10.5000	78.75	_____
DIESEL FUEL	gal	0.85	21.4770	18.26	_____
ELECTRICITY	KWh	0.09	7.7000	0.69	_____
GASOLINE	gal	1.10	19.3840	21.32	_____
REPAIR & MAINTENANCE	acre	61.88	1.0000	61.88	_____
INTEREST ON OP. CAP.	acre	27.49	1.0000	27.49	_____
TOTAL DIRECT EXPENSES				1394.55	_____
TOTAL FIXED EXPENSES				95.19	_____
TOTAL SPECIFIED EXPENSES				1489.74	_____

Table 19.C Effects of yields and prices on net returns per acre above total direct expenses, Potato (Sweet), fresh and process blend, four-row equipment, one-row riding harvester, average yield, Louisiana, 1997.

Yield (Cwt)	Price Per Cwt				
	6.00	7.00	8.00	9.00	10.00
	Net Returns Per Acre				
125.00	-467.05	-342.05	-217.05	-92.05	32.95
150.00	-405.80	-255.80	-105.80	44.20	194.20
175.00	-344.55	-169.55	5.45	180.45	355.45
200.00	-283.30	-83.30	116.70	316.70	516.70
225.00	-222.05	2.95	227.95	452.95	677.95

Table 20.A Estimated resource use and costs per acre for field operations, Potato (Sweet), fresh and process blend, six-row field equipment, two-row riding harvester, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT		TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	
						dollars				dollars		dollars		
Disk + pre 6R	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.66	0.94	0.110	0.83			4.83
Disk + pre 6R	20 ft	143	0.100	2.00	Apr	2.76	2.05	1.32	1.88	0.220	1.65			9.66
Fert-buggy	30 ft	68	0.060	1.00	Apr	0.45	0.25	0.18	0.26	0.066	0.50			1.63
Hipper 6R	20 ft	143	0.090	1.00	Apr	1.24	0.92	0.23	0.32	0.099	0.74	500.0000	0.13	65.00
Mocap	20 ft	143	0.090	2.00	May	2.49	1.84	0.45	0.64	0.198	1.49	30.0000	1.15	34.50
Trailer utility	10 ft	23	1.000	1.00	May	3.68	1.65	0.40	1.43	1.100	8.25			15.41
Sweet potato slips	acre											1.0000	118.96	118.96
Cut slip labor	hour											5.0000	7.50	37.50
Transplanter 4R	12 ft	68	0.600	1.00	May	4.50	2.50	0.76	2.50	0.660	4.95	10.0000	7.50	75.00
Planting labor	hour											3.0000	1.90	5.70
Harvest crate	each													5.70
Boom sprayer	20 ft	93	0.120	1.00	May	1.10	0.74	0.22	0.24	0.132	0.99			3.29
Command 4EC	1.5 ft	23	0.050	1.00	May	0.18	0.08	0.09	0.13	0.055	0.41	0.5000	19.68	9.84
Ditcher	20 ft	93	0.120	2.00	Jun	2.20	1.49	0.44	0.47	0.264	1.98			6.58
Boom sprayer	20 ft	93	0.120	2.00	Jun	2.20	1.49	0.44	0.47	0.264	1.98	2.6000	4.75	12.35
Imodan	20 ft	143	0.100	1.00	Jun	1.38	1.02	0.26	0.38	0.110	0.83			3.87
Cultivator 6R	1.5 ft	23	0.050	1.00	Jun	0.18	0.08	0.09	0.13	0.055	0.41			0.90
Ditcher	20 ft	93	0.120	2.00	Jun	2.20	1.49	0.44	0.47	0.264	1.98			6.58
Boom sprayer	20 ft	93	0.120	2.00	Jun	2.20	1.49	0.44	0.47	0.264	1.98	4.0000	2.77	11.08
Penncap M	13.3 ft	68	0.140	1.00	Jul	1.05	0.58	0.25	0.35	0.154	1.16			3.39
Cultivator 4R	20 ft	93	0.120	3.00	Jul	3.30	2.23	0.66	0.71	0.396	2.97			6.86
Boom sprayer	20 ft	93	0.120	3.00	Jul	3.30	2.23	0.66	0.71	0.396	2.97	3.9000	4.75	18.53
Imodan	20 ft	143	0.100	1.00	Jul	1.38	1.02	0.26	0.38	0.110	0.83			3.87
Cultivator 6R	1.5 ft	23	0.050	1.00	Jul	0.18	0.08	0.09	0.13	0.055	0.41			0.90
Ditcher	20 ft	93	0.120	1.00	Jul	1.10	0.74	0.22	0.24	0.132	0.99			3.29
Boom sprayer	20 ft	93	0.120	1.00	Jul	1.10	0.74	0.22	0.24	0.132	0.99	2.0000	2.77	5.54
Penncap M	20 ft	93	0.120	2.00	Aug	2.20	1.49	0.44	0.47	0.264	1.98			6.58
Boom sprayer	20 ft	93	0.120	2.00	Aug	2.20	1.49	0.44	0.47	0.264	1.98	2.6000	4.75	12.35
Imodan	4 row	0	0.140	1.00	Sep			0.07	0.11					0.18
Coulter	6.7 ft	43	0.390	1.00	Sep	1.98	1.00	0.31	0.81	0.429	3.22			7.32
Shredder 2R	10 ft	23	1.000	1.00	Sep	3.68	1.65	0.40	1.43	1.100	8.25			15.41
Trailer utility	hour											1.0000	7.50	7.50
Other labor	2 ton							15.64	18.78	2.000	15.00			49.42
Truck	hour											7.0000	7.50	52.50
Other labor	2 row	0	2.000	1.00	Sep			5.48	8.89					14.36
Riding harvester, 2R	hour											24.0000	7.50	180.00
Harvest labor	hour											3.0000	38.00	114.00
Potato bins	each													114.00
Truck	2 ton		1.000	1.00	Sep			7.82	9.39	1.000	7.50			24.71
Fork lift	1.00	1.00	1.000	1.00	Sep			3.08	4.58	1.000	7.50			15.16
Packing Line	acre		1.000	1.00	Sep			5.54	9.11	10.500	78.75	1.0000		93.40
Packing boxes	each											240.0000	1.10	264.00
TOTALS						38.62	23.95	45.81	65.16	20.473	153.55			1024.35
INTEREST ON OPERATING CAPITAL														1351.43
UNALLOCATED LABOR														26.08
TOTAL SPECIFIED COST														1377.51

Table 20.B Summary of estimated costs per acre, Potato (Sweet), fresh and process blend, six-row field equipment, two-row riding harvester, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	65.00	1.0000	65.00	_____
HERBICIDES	acre	9.84	1.0000	9.84	_____
HIRED LABOR	acre	172.50	1.0000	172.50	_____
INSECTICIDES	acre	94.35	1.0000	94.35	_____
PACK & HARVEST ITEMS	acre	383.70	1.0000	383.70	_____
SEED	acre	118.96	1.0000	118.96	_____
HARVEST LABOR	acre	180.00	1.0000	180.00	_____
OPERATOR LABOR	hour	7.50	9.9730	74.80	_____
HAND LABOR	hour	7.50	10.5000	78.75	_____
DIESEL FUEL	gal	0.85	17.7780	15.11	_____
ELECTRICITY	kWh	0.09	7.7000	0.69	_____
GASOLINE	gal	1.10	16.0400	17.64	_____
REPAIR & MAINTENANCE	acre	50.99	1.0000	50.99	_____
INTEREST ON OP. CAP.	acre	26.08	1.0000	26.08	_____
TOTAL DIRECT EXPENSES				1288.41	_____
TOTAL FIXED EXPENSES				89.11	_____
TOTAL SPECIFIED EXPENSES				1377.51	_____

Table 20.C Effects of yields and prices on net returns per acre above total direct expenses, Potato (Sweet), fresh and process blend, six-row equipment, two-row riding harvester, average yield, Louisiana, 1997.

Yield (Cwt)	6.00	7.00	8.00	9.00	10.00
	-----Price Per Cwt-----				
	-----Net Returns Per Acre-----				
125.00	-383.41	-258.41	-133.41	-8.41	116.59
150.00	-310.91	-160.91	-10.91	139.09	289.09
175.00	-238.41	-63.41	111.59	286.59	461.59
200.00	-165.91	34.09	234.09	434.09	634.09
225.00	-93.41	131.59	356.59	581.59	806.59



Table 21.A Estimated resource use and costs per acre for field operations, Shallots, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	3.00	Aug	8.68	4.38	1.13	1.61	1.881	14.11				29.90
Hipper-fert 1R	3 ft	23	1.550	1.00	Aug	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											400.0000	0.13	52.00	52.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	11.26	5.06	1.01	1.44	3.366	25.25				44.01
Trailer utility	10 ft	23	1.000	1.00	Aug	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Planting labor	hour											20.0000	7.50	150.00	150.00
Shallots sets	lb											300.0000	1.00	300.00	300.00
Boom sprayer	12 ft	23	0.190	1.00	Aug	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Dacthal	lb											10.6000	7.40	78.44	78.44
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											0.6000	2.88	1.73	1.73
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Cult-fert 1R	3 ft	23	1.610	1.00	Oct	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate	33% lb											100.0000	0.13	13.00	13.00
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											0.6000	2.88	1.73	1.73
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Oct	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Cultivator 1R	3 ft	23	1.530	1.00	Nov	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Nov	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											0.6000	2.88	1.73	1.73
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	1.00	Dec	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											0.6000	2.88	1.73	1.73
Buffer	pt											1.0000	2.00	2.00	2.00
Lifter blade	1 row	43	1.500	1.00	Jan	7.62	3.84	0.18	0.38	1.650	12.38				24.39
Harvest labor	hour				Jan							25.0000	7.50	187.50	187.50
harvest container	each				Jan							4.0000	3.00	12.00	12.00
Packing labor	hour				Jan							140.0000	7.50	1050.00	1050.00
Rubber bands	lb				Jan							2.0000	5.00	10.00	10.00
Packing crates	each				Jan							400.0000	1.08	432.00	432.00
Ice	cwt				Jan							40.0000	2.35	94.00	94.00
Pickup truck	1/2 ton		1.000	6.00	Jan			24.94	20.18	6.000	45.00				90.11
Middle buster 1R	3 ft	23	1.530	1.00	Jan	5.63	2.92	0.22	0.31	1.683	12.62				21.31
Disk 2R	6 ft	43	0.570	2.00	Jan	5.79	2.92	0.75	1.07	1.254	9.40				19.94
TOTALS						80.32	37.30	33.03	32.20	28.187	211.40			2393.85	2788.10
INTEREST ON OPERATING CAPITAL															54.19
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2842.29

Table 21.B Summary of estimated costs per acre, Shallots, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	65.00	1.0000	65.00	_____
HERBICIDES	acre	78.44	1.0000	78.44	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	14.91	1.0000	14.91	_____
PACK & HARVEST ITEMS	acre	548.00	1.0000	548.00	_____
SEED	acre	300.00	1.0000	300.00	_____
HARVEST LABOR	acre	1237.50	1.0000	1237.50	_____
OPERATOR LABOR	hour	7.50	28.1870	211.40	_____
DIESEL FUEL	gal	0.85	11.7450	9.98	_____
GASOLINE	gal	1.10	40.3120	44.34	_____
REPAIR & MAINTENANCE	acre	59.02	1.0000	59.02	_____
INTEREST ON OP. CAP.	acre	54.19	1.0000	54.19	_____
TOTAL DIRECT EXPENSES				2772.79	_____
TOTAL FIXED EXPENSES				69.50	_____
TOTAL SPECIFIED EXPENSES				2842.29	_____

Table 21.C Effects of yields and prices on net returns per acre above total direct expenses, Shallots, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Doz Bunches)	1.60	1.80	2.00	2.20	2.40
	-----Price Per Bunch-----				
	-----Net Returns Per Acre-----				
1000.00	-334.04	-134.04	65.96	265.96	465.96
1500.00	46.59	346.59	646.59	946.59	1246.59
2000.00	427.21	827.21	1227.21	1627.21	2027.21
2500.00	807.84	1307.84	1807.84	2307.84	2807.84
3000.00	1188.46	1788.46	2388.46	2988.46	3588.46

Table 22.A Estimated resource use and costs per acre for field operations, Squash (Yellow Summer), hybrid, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	2.00	Feb	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Disk 2R	6 ft	43	0.570	1.00	Mar	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Mar	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
B-24-24	lb											500.0000	0.13	65.00	65.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Row conditioner 1R	6 ft	23	0.410	1.00	Mar	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Mar	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Yellow squash seed	lb											4.0000	40.00	160.00	160.00
Other labor	hour			1.00	Apr							15.0000	7.50	112.50	112.50
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				25.24
Ammonium Nitrate	33% lb											100.0000	0.13	13.00	13.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											0.5000	8.00	4.00	4.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											0.5000	8.00	4.00	4.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Post	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											0.5000	8.00	4.00	4.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Bravo	pt											1.5000	6.38	9.57	9.57
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Benlate	lb											0.5000	15.80	7.90	7.90
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Benlate	lb											0.5000	15.80	7.90	7.90
Bravo	pt											2.5000	6.38	15.95	15.95
harvest container	each			1.00	Jun							8.0000	3.00	24.00	24.00
Harvest labor	hour			1.00	Jun							110.0000	7.50	825.00	825.00
Packing labor	hour			1.00	Jun							12.0000	7.50	90.00	90.00
Packing boxes	each			1.00	Jun							375.0000	1.19	446.25	446.25
Small wet pack line	acre			1.00	Jun										12.52
Pickup truck	1/2 ton			1.00	Jun			41.56	33.63	10.000	75.00				150.19
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Disk 2R	6 ft	43	0.570	1.00	Jun	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						61.24	28.47	49.41	56.99	26.874	201.55			1821.67	2219.34
INTEREST ON OPERATING CAPITAL															29.98
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2249.32

Table 22.B Summary of estimated costs per acre, Squash (Yellow Summer), hybrid, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	88.56	1.0000	88.56	_____
FUNGICIDES	acre	41.32	1.0000	41.32	_____
HERBICIDES	acre	14.12	1.0000	14.12	_____
HIRED LABOR	acre	112.50	1.0000	112.50	_____
INSECTICIDES	acre	19.92	1.0000	19.92	_____
PACK & HARVEST ITEMS	acre	470.25	1.0000	470.25	_____
SEED	acre	160.00	1.0000	160.00	_____
HARVEST LABOR	acre	915.00	1.0000	915.00	_____
OPERATOR LABOR	hour	7.50	26.8740	201.55	_____
DIESEL FUEL	gal	0.85	9.2340	7.85	_____
GASOLINE	gal	1.10	44.0720	48.48	_____
REPAIR & MAINTENANCE	acre	54.33	1.0000	54.33	_____
INTEREST ON OP. CAP.	acre	29.98	1.0000	29.98	_____
TOTAL DIRECT EXPENSES				2163.86	_____
TOTAL FIXED EXPENSES				85.46	_____
TOTAL SPECIFIED EXPENSES				2249.32	_____

Table 22.C Effects of yields and prices on net returns per acre above total direct expenses, Squash (Yellow Summer), hybrid, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Boxes)	5.50	6.50	Price Per Box 7.50	8.50	9.50
	Net Returns Per Acre				
275.00	100.23	375.23	650.23	925.23	1200.23
325.00	151.96	476.96	801.96	1126.96	1451.96
375.00	203.69	578.69	953.69	1328.69	1703.69
425.00	255.42	680.42	1105.42	1530.42	1955.42
475.00	307.15	782.15	1257.15	1732.15	2207.15



Table 23.A (continued)

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						dollars		dollars		dollars		dollars			
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Gramoxone	pt											2.0000	3.89	7.78	7.78
Surfactant	pt											1.0000	1.34	1.34	1.34
Coultter	10 ft	23	1.500	1.00	Jun	5.52	2.48	0.19	0.28	1.650	8.25				20.84
Trailer utility	1 ton		1.000					6.05	6.89	1.100	8.25				15.41
Truck	hour														21.19
Other labor	hour														112.50
TOTALS						54.61	27.14	280.89	134.08	81.590	611.92	15.0000	7.50	112.50	112.50
INTEREST ON OPERATING CAPITAL														6063.91	7172.55
UNALLOCATED LABOR															249.72
TOTAL SPECIFIED COST															7422.27

Table 23.B Summary of estimated costs per acre, Strawberries, irrigated, fresh market, plastic mulch, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	150.67	1.0000	150.67	
FUNGICIDES	acre	307.06	1.0000	307.06	
HERBICIDES	acre	29.33	1.0000	29.33	
HYBRID LABOR	acre	1107.33	1.0000	1107.33	
INSECTICIDES	acre	48.53	1.0000	48.53	
PACK & HARVEST ITEMS	acre	1200.00	1.0000	1200.00	
SEED	acre	57.08	1.0000	57.08	
PLASTIC	acre	300.00	1.0000	300.00	
FUMIGANT	acre	240.00	1.0000	240.00	
PLANTS	acre	1050.00	1.0000	1050.00	
HARVEST LABOR	acre	1575.00	1.0000	1575.00	
OPERATOR LABOR	hour	7.30	24.5900	184.42	
IRRIGATION LABOR	hour	7.30	57.0000	427.50	
DIESEL FUEL	gal	6.85	6.9810	55.93	
ELECTRICITY	Kwh	0.09	1083.0000	97.47	
GASOLINE	gal	1.10	37.7080	41.48	
REPAIR & MAINTENANCE	acre	190.61	1.0000	190.61	
INTEREST ON OP. CAP.	acre	249.72	1.0000	249.72	
TOTAL DIRECT EXPENSES				7261.93	
TOTAL FIXED EXPENSES				161.22	
TOTAL SPECIFIED EXPENSES				7422.27	

Table 23.C Effects of yields and prices on net returns per acre above total direct expenses, Strawberries, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Flat)	5.50	6.50	Price Per Flat	7.50	8.50	9.50
			Net Returns Per Acre			
1000.00	-1311.05	-311.05	688.95	1688.95	2688.95	3688.95
1100.00	-986.05	-111.05	1213.95	2313.95	3313.95	4313.95
1200.00	-661.05	538.95	1738.95	2938.95	3938.95	4938.95
1300.00	-336.05	1363.95	2263.95	3563.95	4563.95	5563.95
1400.00	-11.05	1388.95	2788.95	4188.95	5188.95	6188.95

Table 24.A Estimated resource use and costs per acre for field operations, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	2.00	Feb	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Hipper 1R	3 ft	23	1.530	1.00	Feb	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											600.0000	0.13	78.00	78.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Row conditioner 1R	6 ft	23	0.410	1.00	Mar	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Plastic layer	5 ft	23	1.500	1.00	Mar	5.52	2.48	1.26	2.63	4.650	34.88				46.77
Plastic	roll											5.0000	60.00	300.00	300.00
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	2.76	1.24	0.19	0.31	0.825	6.19				10.69
Trailer utility	10 ft	23	1.000	1.00	Mar	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Planting labor	hour											40.0000	7.50	300.00	300.00
Tomato plants	100											40.0000	5.00	200.00	200.00
Furrow irrigation	acin			1.00	Mar			13.76	55.50	4.000	30.00				99.26
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62	4.0000			21.76
Trailer small	8 ft	23	1.000	1.00	Apr	3.68	1.65	0.24	0.86	1.100	8.25				14.68
Other labor	hour											36.0000	7.50	270.00	270.00
Twine	roll											2.0000	25.00	50.00	50.00
Stake replacement	100											5.0000	15.00	75.00	75.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											1.0000	8.00	8.00	8.00
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Gramoxone	pt											1.5000	3.89	5.84	5.84
Surfactant	pt											0.3000	1.34	0.40	0.40
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											60.0000	0.13	7.80	7.80
Furrow irrigation	acin			1.00	Apr			6.88		2.000	15.00	2.0000			21.88
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											1.0000	6.38	6.38	6.38
Thiodan	lb											1.0000	8.00	8.00	8.00
Buffer	pt											1.0000	2.00	2.00	2.00
Furrow irrigation	acin			1.00	Apr			6.88		2.000	15.00	2.0000			21.88
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											1.0000	8.00	8.00	8.00
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											1.0000	6.38	6.38	6.38
Thiodan	lb											1.0000	8.00	8.00	8.00
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											1.0000	6.38	6.38	6.38
Thiodan	lb											1.0000	8.00	8.00	8.00
Buffer	pt											1.0000	2.00	2.00	2.00
Cult-fert 1R	3 ft	23	1.610	1.00	May	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Furrow irrigation	acin			1.00	May			6.88		2.000	15.00	2.0000			21.88
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											1.0000	6.38	6.38	6.38
Thiodan	lb											1.0000	8.00	8.00	8.00
Buffer	pt											1.0000	2.00	2.00	2.00
Other labor	hour			1.00	May							23.0000	7.50	172.50	172.50
Twine	roll											2.0000	25.00	50.00	50.00
Boom sprayer	12 ft	23	0.190	2.00	May	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Thiodan	lb											2.0000	8.00	16.00	16.00
Bravo	pt											2.0000	6.38	12.76	12.76
Buffer	pt											2.0000	2.00	4.00	4.00
Cult-fert 1R	3 ft	23	1.610	1.00	Jun	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											1.0000	8.00	8.00	8.00
Buffer	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	9.30	Jun			38.65	31.27	9.300	69.75				139.67
Trailer small	8 ft	23	1.000	1.00	Jun	3.68	1.65	0.24	0.86	1.100	8.25				14.68
Harvest labor	hour											200.0000	7.50	1500.00	1500.00
Harvest container	each											8.0000	3.00	24.00	24.00
Other labor	hour											3.0000	7.50	22.50	22.50
Packing labor	hour											120.0000	7.50	900.00	900.00
Lug boxes	each											900.0000	1.10	990.00	990.00
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Coulter	1 row	23	1.500	1.00	Jun	5.52	2.48	0.19	0.28	1.650	12.38				20.85
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jun			4.16	3.36	1.000	7.50				15.02
Middle buster 1R	3 ft	23	1.530	1.00	Jun	5.63	2.53	0.22	0.31	1.683	12.62				21.31
Disk 2R	6 ft	43	0.570	1.00	Jun	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						96.40	43.78	88.48	108.38	51.394	385.46			5223.38	5945.87
INTEREST ON OPERATING CAPITAL															88.07
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															6033.94

Table 24.B Summary of estimated costs per acre, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	122.36	1.0000	122.36	_____
FUNGICIDES	acre	38.28	1.0000	38.28	_____
HERBICIDES	acre	6.24	1.0000	6.24	_____
HIRED LABOR	acre	877.50	1.0000	877.50	_____
INSECTICIDES	acre	90.00	1.0000	90.00	_____
PACK & HARVEST ITEMS	acre	1014.00	1.0000	1014.00	_____
STAKES & TWINE	acre	175.00	1.0000	175.00	_____
PLASTIC	acre	300.00	1.0000	300.00	_____
PLANTS	acre	200.00	1.0000	200.00	_____
HARVEST LABOR	acre	2400.00	1.0000	2400.00	_____
OPERATOR LABOR	hour	7.50	41.3940	310.46	_____
IRRIGATION LABOR	hour	7.50	10.0000	75.00	_____
DIESEL FUEL	gal	0.85	4.6170	3.92	_____
ELECTRICITY	kWh	0.09	60.0000	5.40	_____
GASOLINE	gal	1.10	63.8780	70.27	_____
REPAIR & MAINTENANCE	acre	105.29	1.0000	105.29	_____
INTEREST ON OP. CAP.	acre	88.07	1.0000	88.07	_____
				-----	
TOTAL DIRECT EXPENSES				5881.78	_____
TOTAL FIXED EXPENSES				152.16	_____
				-----	
TOTAL SPECIFIED EXPENSES				6033.94	_____

Table 24.C Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Boxes)	-----Price Per Box-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
500.00	-861.78	-361.78	138.22	638.22	1138.22
700.00	-221.78	478.22	1178.22	1878.22	2578.22
900.00	418.22	1318.22	2218.22	3118.22	4018.22
1100.00	1058.22	2158.22	3258.22	4358.22	5458.22
1300.00	1698.22	2998.22	4298.22	5598.22	6898.22



Table 25.A Estimated resource use and costs per acre for field operations, Tomatoes, drip irrigated, fresh market, one-row standard trellis, plastic mulch,60" skip row, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	2.00	Jan	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Hipper 1R	3 ft	23	1.530	1.00	Feb	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Hipper-fert 1R	3 ft	23	1.550	1.00	Feb	5.71	2.56	0.91	1.29	1.705	12.79				23.26
13-13-13	lb											700.0000	0.12	84.00	84.00
Row conditioner 1R	6 ft	23	0.410	1.00	Feb	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Plastic layer	5 ft	23	1.500	1.00	Feb	5.52	2.48	1.26	2.63	4.650	34.88				46.77
Plastic	roll											3.0000	60.00	180.00	180.00
Drip t-tape	roll											1.0000	125.00	125.00	125.00
Lay flat hose	roll											1.0000	105.00	105.00	105.00
Other labor	hour											4.0000	7.50	30.00	30.00
Veg trans model 900	1 row	23	3.000	1.00	Mar	11.04	4.96	2.52	6.57	9.300	69.75				94.85
Tomato plants	100											25.0000	5.00	125.00	125.00
Planting labor	hour											2.0000	7.50	15.00	15.00
Water trailer	10 ft	43	1.000	1.00	Mar	5.08	2.56	0.63	2.57	1.100	8.25				19.09
Trailer utility	10 ft	23	1.000	1.00	Mar	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Drip irrigation	acin			1.00	Mar			1.45	26.54	0.200	1.50	1.0000			29.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sencor 4L	pt											1.0000	17.73	17.73	17.73
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	7.50	112.50	112.50
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Manzate	lb											2.0000	3.00	6.00	6.00
Tribasic Copper	lb											3.0000	2.55	7.65	7.65
Buffer	pt											1.0000	2.00	2.00	2.00
Drip irrigation	acin			1.00	Apr			1.45		0.200	1.50	1.0000			2.95
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	7.50	75.00	75.00
Boom sprayer	12 ft	23	0.190	2.00	Apr	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Bravo	pt											8.0000	6.38	51.04	51.04
Tribasic Copper	lb											6.0000	2.55	15.30	15.30
Lannate	pt											6.0000	5.80	34.80	34.80
Buffer	pt											2.0000	2.00	4.00	4.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.5000	13.88	6.94	6.94
Bravo	pt											2.0000	6.38	12.76	12.76
Buffer	pt											1.0000	2.00	2.00	2.00
Drip irrigation	acin			1.00	Apr			1.45		0.200	1.50	1.0000			2.95
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Gramoxone	pt											2.5000	3.89	9.73	9.73
Surfactant	pt											0.5000	1.34	0.67	0.67
Boom sprayer	12 ft	23	0.190	2.00	Apr	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Manzate	lb											8.0000	3.00	24.00	24.00
Tribasic Copper	lb											6.0000	2.55	15.30	15.30
Ambush	pt											1.0000	13.88	13.88	13.88
Buffer	pt											2.0000	2.00	4.00	4.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Drip irrigation	acin			1.00	Apr			1.45		0.200	1.50	1.0000			2.95
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											4.0000	6.38	25.52	25.52
Tribasic Copper	lb											3.0000	2.55	7.65	7.65
Lannate	pt											3.0000	5.80	17.40	17.40
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	May	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Drip irrigation	acin			1.00	May			1.45		0.200	1.50	1.0000			2.95
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Boom sprayer	12 ft	23	0.190	3.00	May	2.10	0.94	0.78	0.84	0.627	4.70				9.37
Manzate	lb											6.0000	3.00	18.00	18.00
Tribasic Copper	lb											9.0000	2.55	22.95	22.95
Sevin	lb											3.7500	4.40	16.50	16.50
Buffer	pt											3.0000	2.00	6.00	6.00
Drip irrigation	acin			1.00	May			2.90		0.400	3.00	2.0000			5.90
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CaNO3, regular	lb											50.0000	0.18	9.00	9.00

(continued)

Table 25.A (continued)

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						dollars				dollars		dollars			
Drip irrigation	acin			1.00	Jun			2.90		0.400	3.00	2.0000			5.90
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CaNO <sub>3</sub> , regular	lb											50.0000	0.18	9.00	9.00
Trailer utility	10 ft	23	1.000	1.00	Jun	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Harvest labor	hour											140.0000	7.50	1050.00	1050.00
Small wet pack line	each											1.0000			14.99
Packing labor	hour			1.00	Jun			2.47	12.52			75.0000	7.50	562.50	562.50
Other labor	hour											8.0000	7.50	60.00	60.00
Lug boxes	each											1400.0000	1.10	1540.00	1540.00
Trailer utility	10 ft	23	1.000	1.00	Jul	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Other labor	hour											8.0000	7.50	60.00	60.00
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Coulter	1 row	23	1.500	1.00	Jul	5.52	2.48	0.19	0.28	1.650	12.38				20.85
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	½ ton		1.000	1.00	Jul			4.16	3.36	1.000	7.50				15.02
Disk 2R	6 ft	43	0.570	2.00	Jul	5.79	2.92	0.75	1.07	1.254	9.40				19.94
<b>TOTALS</b>						<b>88.47</b>	<b>40.66</b>	<b>33.50</b>	<b>72.85</b>	<b>36.869</b>	<b>276.52</b>			<b>5162.13</b>	<b>5674.12</b>
<b>INTEREST ON OPERATING CAPITAL</b>															<b>135.33</b>
<b>UNALLOCATED LABOR</b>															<b>0.00</b>
<b>TOTAL SPECIFIED COST</b>															<b>5809.46</b>

Table 25.B Summary of estimated costs per acre, Tomatoes, drip irrigated, fresh market, one-row standard trellis, plastic mulch, 60" skip row, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
<b>DIRECT EXPENSES</b>		dollars	dollars		
FERTILIZER	acre	157.56	1.0000	157.56	_____
FUNGICIDES	acre	206.17	1.0000	206.17	_____
HERBICIDES	acre	28.13	1.0000	28.13	_____
HIRED LABOR	acre	615.00	1.0000	615.00	_____
INSECTICIDES	acre	109.52	1.0000	109.52	_____
PACK & HARVEST ITEMS	acre	1564.00	1.0000	1564.00	_____
STAKES & TWINE	acre	305.00	1.0000	305.00	_____
PLASTIC	acre	410.00	1.0000	410.00	_____
PLANTS	acre	125.00	1.0000	125.00	_____
CUSTOM	acre	29.25	1.0000	29.25	_____
HARVEST LABOR	acre	1612.50	1.0000	1612.50	_____
OPERATOR LABOR	hour	7.50	29.0690	218.02	_____
HAND LABOR	hour	7.50	6.0000	45.00	_____
IRRIGATION LABOR	hour	7.50	1.8000	13.50	_____
DIESEL FUEL	gal	0.85	8.8560	7.53	_____
ELECTRICITY	kWh	0.09	5.2500	0.47	_____
GASOLINE	gal	1.10	33.7160	37.09	_____
REPAIR & MAINTENANCE	acre	76.88	1.0000	76.88	_____
INTEREST ON OP. CAP.	acre	135.33	1.0000	135.33	_____
<b>TOTAL DIRECT EXPENSES</b>				<b>5695.95</b>	_____
<b>TOTAL FIXED EXPENSES</b>				<b>113.51</b>	_____
<b>TOTAL SPECIFIED EXPENSES</b>				<b>5809.46</b>	_____

Table 25.C Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, drip irrigated, fresh market, standard trellis, plastic mulch, 60" skip row, Louisiana, 1997.

Yield (Boxes)	Price Per 20 Lb. Box				
	5.75	6.75	7.75	8.75	9.75
	-----Net Returns Per Acre-----				
1200.00	1664.05	2864.05	4064.05	5264.05	6464.05
1300.00	2009.05	3309.05	4609.05	5909.05	7209.05
1400.00	2354.05	3754.05	5154.05	6554.05	7954.05
1500.00	2699.05	4199.05	5699.05	7199.05	8699.05
1600.00	3044.05	4644.05	6244.05	7844.05	9444.05

Table 26.A Estimated resource use and costs per acre for field operations, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	2.00	Feb	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Middle buster 1R	3 ft	23	1.530	1.00	Feb	5.63	2.53	0.22	0.31	1.683	12.62				21.31
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
10-20-20	lb											500.0000	0.10	50.00	50.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Planter 1R	3 ft	23	1.500	1.00	Mar	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Watermelon seed	lb											1.0000	12.50	12.50	12.50
Other labor	hour											2.0000	7.50	15.00	15.00
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Curbit	pt											3.0000	4.54	13.62	13.62
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Other labor	hour			1.00	Apr							10.0000	7.50	75.00	75.00
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											75.0000	0.13	9.75	9.75
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											0.5000	8.00	4.00	4.00
Bravo	pt											1.5000	6.38	9.57	9.57
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											0.5000	8.00	4.00	4.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Poast	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Bravo	pt											1.5000	6.38	9.57	9.57
Other labor	hour			1.00	Jun							10.0000	7.50	75.00	75.00
Trailer utility	10 ft	23	1.000	5.00	Jul	18.41	8.27	2.00	7.14	5.500	41.25				77.06
Harvest labor	hour			1.00	Jul							40.0000	7.50	300.00	300.00
Pickup truck	½ ton		1.000	5.00	Jul			20.78	16.81	5.000	37.50				75.09
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Disk 2R	6 ft	43	0.570	1.00	Jul	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						78.62	35.79	29.26	33.12	27.781	208.36			605.33	990.48
INTEREST ON OPERATING CAPITAL															20.27
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1010.75

Table 26.B Summary of estimated costs per acre, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	70.31	1.0000	70.31	_____
FUNGICIDES	acre	19.14	1.0000	19.14	_____
HERBICIDES	acre	27.74	1.0000	27.74	_____
HIRED LABOR	acre	165.00	1.0000	165.00	_____
INSECTICIDES	acre	10.64	1.0000	10.64	_____
SEED	acre	12.50	1.0000	12.50	_____
HARVEST LABOR	acre	300.00	1.0000	300.00	_____
OPERATOR LABOR	hour	7.50	27.7810	208.36	_____
DIESEL FUEL	gal	0.85	4.6170	3.92	_____
GASOLINE	gal	1.10	42.9000	47.19	_____
REPAIR & MAINTENANCE	acre	56.77	1.0000	56.77	_____
INTEREST ON OP. CAP.	acre	20.27	1.0000	20.27	_____
				-----	
TOTAL DIRECT EXPENSES				941.83	_____
TOTAL FIXED EXPENSES				68.91	_____
				-----	
TOTAL SPECIFIED EXPENSES				1010.75	_____

Table 26.C Effects of yields and prices on net returns per acre above total direct expenses, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 1997.

Yield (Cwt)	-----Price Per Cwt-----				
	4.00	4.50	5.00	5.50	6.00
	-----Net Returns Per Acre-----				
160.00	-241.83	-161.83	-81.83	-1.83	78.17
180.00	-191.83	-101.83	-11.83	78.17	168.17
200.00	-141.83	-41.83	58.17	158.17	258.17
220.00	-91.83	18.17	128.17	238.17	348.17
240.00	-41.83	78.17	198.17	318.17	438.17

Table 27.A Estimated resource use and costs per acre for field operations, Beans (Butter), shelled fresh market, one-row equipment average yield, mechanical harvest, shelled beans, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Jan	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Mar	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Disk-pre-1-2R	6 ft	23	0.590	1.00	Apr	2.17	0.98	0.49	0.70	0.649	4.87				9.21
Treflan	pt											1.2500	3.75	4.69	4.69
Dual	pt											1.5000	7.85	11.78	11.78
Hipper-fert 1R	3 ft	23	1.550	1.00	Apr	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											400.0000	0.13	52.00	52.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Row conditioner 1R	6 ft	23	0.410	1.00	Apr	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Apr	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Butter bean seed	lb											60.0000	1.25	75.00	75.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Basagran	pt											1.0000	8.29	8.29	8.29
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Orthene	lb											0.5000	11.80	5.90	5.90
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											1.5000	6.38	9.57	9.57
Orthene	lb											0.5000	11.80	5.90	5.90
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Poast	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Orthene	lb											0.5000	11.80	5.90	5.90
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.0000	4.40	4.40	4.40
Benlate	lb											1.0000	15.80	15.80	15.80
Boom sprayer	12 ft	23	0.190	1.00	Ju1	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.0000	4.40	4.40	4.40
Benlate	lb											1.0000	15.80	15.80	15.80
Bean harvester 1R	3 ft	68	1.000	1.00	Ju1	7.50	4.17	8.03	12.49	1.100	8.25				40.44
Harvest sacks	each											30.0000	0.55	16.50	16.50
Other labor	hour											1.0000	7.50	7.50	7.50
Trailer utility	10 ft	23	1.000	1.00	Ju1	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Bean/pea sheller	acre							4.75	7.55	6.500	48.75				61.05
Other labor	hour											2.0000	7.50	15.00	15.00
Plastic bag, sealing	each											50.0000	0.10	5.00	5.00
Pickup truck	½ ton		1.000	5.00	Ju1			20.78	16.81	5.000	37.50				75.09
Disk 2R	6 ft	43	0.570	2.00	Ju1	5.79	2.92	0.75	1.07	1.254	9.40				19.94
TOTALS						62.35	29.61	40.81	47.47	27.802	208.52			288.10	676.85
INTEREST ON OPERATING CAPITAL															31.60
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															708.46

Table 27.B Summary of estimated costs per acre, Beans (Butter), shelled fresh market, one-row equipment average yield, mechanical harvest, shelled beans, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	62.56	1.0000	62.56	_____
FUNGICIDES	acre	41.17	1.0000	41.17	_____
HERBICIDES	acre	38.87	1.0000	38.87	_____
HIRED LABOR	acre	22.50	1.0000	22.50	_____
INSECTICIDES	acre	26.50	1.0000	26.50	_____
PACK & HARVEST ITEMS	acre	21.50	1.0000	21.50	_____
SEED	acre	75.00	1.0000	75.00	_____
OPERATOR LABOR	hour	7.50	21.3020	159.77	_____
HAND LABOR	hour	7.50	6.5000	48.75	_____
DIESEL FUEL	gal	0.85	11.8950	10.11	_____
ELECTRICITY	kWh	0.09	12.7500	1.15	_____
GASOLINE	gal	1.10	30.0520	33.06	_____
REPAIR & MAINTENANCE	acre	58.85	1.0000	58.85	_____
INTEREST ON OP. CAP.	acre	31.60	1.0000	31.60	_____
				-----	
TOTAL DIRECT EXPENSES				631.39	_____
TOTAL FIXED EXPENSES				77.07	_____
				-----	
TOTAL SPECIFIED EXPENSES				708.46	_____

Table 27.C Effects of yields and prices on net returns per acre above total direct expenses, Beans (Butter), shelled fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Bushels)	-----Price Per Bushel-----				
	17.00	18.50	20.00	21.50	23.00
	-----Net Returns Per Acre-----				
20.00	-279.09	-249.09	-219.09	-189.09	-159.09
35.00	-30.24	22.26	74.76	127.26	179.76
50.00	218.61	293.61	368.61	443.61	518.61
65.00	467.46	564.96	662.46	759.96	857.46
80.00	716.31	836.31	956.31	1076.31	1196.31

Table 28.A Estimated resource use and costs per acre for field operations, Beans (Snap), fresh market, one-row equipment, average yield, mechanical harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Feb	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Mar	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Treflan	pt											1.2500	3.75	4.69	4.69
Dual	pt											1.5000	7.85	11.78	11.78
Disk 2R	6 ft	43	0.570	1.00	Mar	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											400.0000	0.13	52.00	52.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	11.26	5.06	1.01	1.44	3.366	25.25				44.01
Row conditioner 1R	6 ft	23	0.410	1.00	Mar	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Mar	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Snap bean seeds	lbs											60.0000	1.60	96.00	96.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Orthene	lbs											0.5000	11.80	5.90	5.90
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Orthene	lbs											0.5000	11.80	5.90	5.90
Bravo	pt											1.5000	6.38	9.57	9.57
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Basagran	pt											1.0000	8.29	8.29	8.29
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Poast	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Diazinon 4E	pt											0.5000	5.49	2.75	2.75
Benlate	lb											1.0000	15.80	15.80	15.80
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lbs											1.0000	4.40	4.40	4.40
Benlate	lb											1.0000	15.80	15.80	15.80
Bean harvester 1R	3 ft	68	1.000	1.00	Jun	7.50	4.17	8.03	12.49	1.100	8.25				40.44
Vegetable bin	each											3.0000	40.00	120.00	120.00
Trailer utility	10 ft	23	1.000	1.00	Jun	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Dry packing line	acre			1.00	Jun			1.50	8.76			1.0000			10.26
Packing labor	hour											15.0000	7.50	112.50	112.50
Bushel hampers	each			1.00	Jun							125.0000	2.16	270.00	270.00
Pickup truck	1/2 ton		1.000	5.00	Jun			20.78	16.81	5.000	37.50				75.09
Fork lift			1.000	1.00	Jun			3.08	4.58	1.000	7.50				15.16
Disk 2R	6 ft	43	0.570	1.00	Jun	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						60.18	28.63	40.25	52.70	21.653	162.40			760.05	1104.21
INTEREST ON OPERATING CAPITAL															17.35
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1121.56

Table 28.B Summary of estimated costs per acre, Beans (Snap), fresh market, one-row equipment, average yield, mechanical harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	62.56	1.0000	62.56	_____
FUNGICIDES	acre	41.17	1.0000	41.17	_____
HERBICIDES	acre	38.87	1.0000	38.87	_____
INSECTICIDES	acre	18.95	1.0000	18.95	_____
PACK & HARVEST ITEMS	acre	390.00	1.0000	390.00	_____
SEED	acre	96.00	1.0000	96.00	_____
HARVEST LABOR	acre	112.50	1.0000	112.50	_____
OPERATOR LABOR	hour	7.50	21.6530	162.40	_____
DIESEL FUEL	gal	0.85	11.8950	10.11	_____
ELECTRICITY	kWh	0.09	1.1500	0.10	_____
GASOLINE	gal	1.10	30.6080	33.67	_____
REPAIR & MAINTENANCE	acre	56.55	1.0000	56.55	_____
INTEREST ON OP. CAP.	acre	17.35	1.0000	17.35	_____
				-----	
TOTAL DIRECT EXPENSES				1040.23	_____
TOTAL FIXED EXPENSES				81.33	_____
				-----	
TOTAL SPECIFIED EXPENSES				1121.56	_____

Table 28.C Effects of yields and prices on net returns per acre above total direct expenses, Beans (Snap), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Bushels)	-----Price Per Bushel-----				
	9.00	10.50	12.00	13.50	15.00
	-----Net Returns Per Acre-----				
95.00	-129.37	13.13	155.63	298.13	440.63
110.00	-22.30	142.70	307.70	472.70	637.70
125.00	84.77	272.27	459.77	647.27	834.77
140.00	191.84	401.84	611.84	821.84	1031.84
155.00	298.91	531.41	763.91	996.41	1228.91



Table 29.A Estimated resource use and costs per acre for field operations, Cabbage, hybrid, direct seeded, double drilled, irrigated, fresh market, six-row equipment, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk 6R	20 ft	143	0.100	2.00	Jul	2.76	2.05	1.10	1.57	0.220	1.65					9.13
Disk + pre 6R	20 ft	143	0.100	1.00	Aug	1.38	1.02	0.66	0.94	0.110	0.83					4.83
Treflan	pt											1.0000	3.75	3.75		3.75
Fertilizer buggy 7-21-21	30 ft lb	93	0.060	1.00	Aug	0.27	0.37		0.00	0.066	0.50	700.0000	0.12	84.00		1.14
Hipper 6R	20 ft	143	0.090	2.00	Aug	2.49	1.84	0.45	0.64	0.198	1.49					6.91
Precision seeder Cabbage seed	4 unit lb	68	0.600	1.00	Aug	4.50	2.50	1.91	2.82	0.660	4.95					16.68
Irrig. Sys. 2 pipe	acin			1.00	Aug			3.58	27.70	0.740	5.55	0.7500	270.00	202.50		202.50
Other labor	hour			1.00	Aug							4.0000	7.50	30.00		36.83
Fertilizer app (R) Ammonium Nitrate 33%	20 ft lb	93	0.090	1.00	Sep	0.41	0.56		0.00	0.099	0.74	150.0000	0.13	19.50		30.00
Cultivator 6R	20 ft	143	0.100	1.00	Sep	1.38	1.02	0.26	0.38	0.110	0.83					1.71
Irrig. Sys. 2 pipe	acin			1.00	Sep			3.58	0.740	0.740	5.55	2.0000				19.50
Boom sprayer	20 ft	93	0.120	1.00	Sep	1.10	0.74	0.22	0.24	0.132	0.99					3.87
Poast	pt											1.0000	12.56	12.56		3.29
Crop oil	pt											2.0000	0.78	1.56		12.56
Fertilizer app (R) Ammonium Nitrate 33%	20 ft lb	93	0.090	1.00	Sep	0.41	0.56		0.00	0.099	0.74	150.0000	0.13	19.50		1.56
Cultivator 6R	20 ft	143	0.100	1.00	Sep	1.38	1.02	0.26	0.38	0.110	0.83					1.71
Irrig. Sys. 2 pipe	acin			1.00	Sep			3.58	0.740	0.740	5.55	2.0000				19.50
Boom sprayer	20 ft	93	0.120	1.00	Sep	1.10	0.74	0.22	0.24	0.132	0.99					3.87
Ambush	pt											0.2500	13.88	3.47		3.29
Dipel	pt											1.0000	3.00	3.00		3.47
Pennicap M	pt											1.0000	2.77	2.77		3.00
Buffer	pt											1.0000	2.00	2.00		2.77
Boom sprayer	20 ft	93	0.120	1.00	Oct	1.10	0.74	0.22	0.24	0.132	0.99					2.00
Ambush	pt											0.2500	13.88	3.47		3.29
Dipel	pt											1.0000	3.00	3.00		3.47
Pennicap M	pt											1.0000	2.77	2.77		3.00
Buffer	pt											1.0000	2.00	2.00		2.77
Fertilizer app (R) Ammonium Nitrate 33%	20 ft lb	93	0.090	1.00	Oct	0.41	0.56		0.00	0.099	0.74	150.0000	0.13	19.50		2.00
Cultivator 6R	20 ft	143	0.100	1.00	Oct	1.38	1.02	0.26	0.38	0.110	0.83					1.71
Irrig. Sys. 2 pipe	acin			1.00	Oct			3.58	0.740	0.740	5.55	2.0000				19.50
Boom sprayer	20 ft	93	0.120	2.00	Oct	2.20	1.49	0.44	0.47	0.264	1.98					3.87
Ambush	pt											0.5000	13.88	6.94		6.58
Dipel	pt											2.0000	3.00	6.00		6.94
Pennicap M	pt											2.0000	2.77	5.54		6.00
Bravo	pt											1.5000	6.38	9.57		5.54
Buffer	pt											2.0000	2.00	4.00		9.57
Irrig. Sys. 2 pipe	acin			1.00	Oct			3.58		0.740	5.55	2.0000				4.00
Boom sprayer	20 ft	93	0.120	1.00	Nov	1.10	0.74	0.22	0.24	0.132	0.99					9.13
Ambush	pt											0.2500	13.88	3.47		3.29
Dipel	pt											1.0000	3.00	3.00		3.47
Pennicap M	pt											1.0000	2.77	2.77		3.00
Bravo	pt											0.7500	6.38	4.79		2.77
Buffer	pt											1.0000	2.00	2.00		4.79
Irrig. Sys. 2 pipe	acin			1.00	Nov			3.58		0.740	5.55	2.0000				2.00
Boom sprayer	20 ft	93	0.120	1.00	Nov	1.10	0.74	0.22	0.24	0.132	0.99					9.13
Ambush	pt											0.2500	13.88	3.47		3.29
Dipel	pt											1.0000	3.00	3.00		3.47
Pennicap M	pt											1.0000	2.77	2.77		3.00
Bravo	pt											0.7500	6.38	4.79		2.77
Buffer	pt											1.0000	2.00	2.00		4.79
Trailer utility	10 ft	23	1.000	1.00	Nov	3.68	1.65	0.40	1.43	1.100	8.25					2.00
Harvest labor	hour											12.0000	7.50	90.00		15.41
Packing sacks	each											700.0000	0.50	350.00		90.00
Packing labor	hour											5.0000	7.50	37.50		350.00
Trailer utility	10 ft	23	1.000	2.00	Dec	7.36	3.31	0.80	2.86	2.200	16.50					37.50
Harvest labor	hour			1.00	Dec							36.0000	7.50	270.00		30.82
Packing labor	hour											15.0000	7.50	112.50		270.00
Disk 6R	20 ft	143	0.100	1.00	Dec	1.38	1.02	0.55	0.78	0.110	0.83					112.50
TOTALS						36.90	23.72	29.67	41.51	10.655	79.91			1331.90	1543.61	
INTEREST ON OPERATING CAPITAL																32.47
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																1576.07

Table 29.B Summary of estimated costs per acre, Cabbage, hybrid, direct seeded, double drilled, irrigated, fresh market, six-row equipment, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	142.50	1.0000	142.50	_____
FUNGICIDES	acre	14.36	1.0000	14.36	_____
HERBICIDES	acre	17.87	1.0000	17.87	_____
HIRED LABOR	acre	30.00	1.0000	30.00	_____
INSECTICIDES	acre	64.67	1.0000	64.67	_____
PACK & HARVEST ITEMS	acre	350.00	1.0000	350.00	_____
SEED	acre	202.50	1.0000	202.50	_____
HARVEST LABOR	acre	510.00	1.0000	510.00	_____
OPERATOR LABOR	hour	7.50	6.2150	46.61	_____
IRRIGATION LABOR	hour	7.50	4.4400	33.30	_____
DIESEL FUEL	gal	0.85	31.1040	26.44	_____
GASOLINE	gal	1.10	4.8000	5.28	_____
REPAIR & MAINTENANCE	acre	34.85	1.0000	34.85	_____
INTEREST ON OP. CAP.	acre	32.47	1.0000	32.47	_____
				-----	
TOTAL DIRECT EXPENSES				1510.84	_____
TOTAL FIXED EXPENSES				65.23	_____
				-----	
TOTAL SPECIFIED EXPENSES				1576.07	_____

Table 29.C Effects of yields and prices on net returns per acre above total direct expenses, Cabbage, hybrid, direct seeded, fresh market, double drilled, irrigated, six-row equipment, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Sacks)	-----Price Per Sack-----				
	1.75	2.50	3.25	4.00	4.75
	-----Net Returns Per Acre-----				
500.00	-280.84	94.16	469.16	844.16	1219.16
600.00	-283.34	166.66	616.66	1066.66	1516.66
700.00	-285.84	239.16	764.16	1289.16	1814.16
800.00	-288.34	311.66	911.66	1511.66	2111.66
900.00	-290.84	384.16	1059.16	1734.16	2409.16

Table 30.A Estimated resource use and costs per acre for field operations, Cucumber (trellis), hybrid, skip (1x1), fresh market, one-row equipment, irrigated, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	3.00	Feb	8.68	4.38	1.13	1.61	1.881	14.11				29.90
Hipper-fert 1R	3 ft	23	1.550	1.00	Feb	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											600.0000	0.13	78.00	78.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Planter 1R	3 ft	23	1.500	1.00	Mar	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Cucumber seed	lb											1.0000	50.00	50.00	50.00
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Curbit	pt											3.5000	4.54	15.89	15.89
Irrig. Sys. 2 pipe	acin			1.00	Mar			3.58	27.70	0.740	5.55	2.0000			36.83
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50	19.50
Boom sprayer	12 ft	23	0.190	2.00	Apr	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Thiodan	lb											1.0000	8.00	8.00	8.00
Buffer	pt											2.0000	2.00	4.00	4.00
Benlate	lb											1.0000	15.80	15.80	15.80
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Stake replacement	100											10.0000	15.00	150.00	150.00
Poly twine	roll											3.0000	6.00	18.00	18.00
Other labor	hour											30.0000	7.50	225.00	225.00
Plant tie machine	hour			1.00	Apr				1.00			10.0000			1.00
Tape	roll											3.0000	0.80	2.40	2.40
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											0.5000	8.00	4.00	4.00
Bravo	pt											1.5000	6.38	9.57	9.57
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Poly twine	roll			1.00	Apr							3.0000	6.00	18.00	18.00
Other labor	hour											10.0000	7.50	75.00	75.00
Plant tie machine	hour			1.00	Apr				1.40			14.0000			1.40
Other labor	hour											14.0000	7.50	105.00	105.00
Tape	roll											5.0000	0.80	4.00	4.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											0.5000	8.00	4.00	4.00
Bravo	pt											1.5000	6.38	9.57	9.57
Benlate	lb											0.5000	15.80	7.90	7.90
Buffer	pt											1.0000	2.00	2.00	2.00
Poly twine	roll			1.00	Apr							3.0000	6.00	18.00	18.00
Other labor	hour											10.0000	7.50	75.00	75.00
Plant tie machine	hour			1.00	Apr				1.00			10.0000			1.00
Other labor	hour											10.0000	7.50	75.00	75.00
Tape	roll											3.0000	0.80	2.40	2.40
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Poast	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Poly twine	roll			1.00	May							10.0000	6.00	60.00	60.00
Other labor	hour											3.0000	7.50	22.50	22.50
Plant tie machine	hour			1.00	May				0.60			6.0000			0.60
Other labor	hour											6.0000	7.50	45.00	45.00
Tape	roll											2.0000	0.80	1.60	1.60
Irrig. Sys. 2 pipe	acin			1.00	May			3.58		0.740	5.55	2.0000			9.13
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Bravo	pt											1.5000	6.38	9.57	9.57
Benlate	lb											0.5000	15.80	7.90	7.90
Buffer	pt											1.0000	2.00	2.00	2.00
Irrig. Sys. 2 pipe	acin			1.00	May			3.58		0.740	5.55	2.0000			9.13
Boom sprayer	12 ft	23	0.190	2.00	Jun	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Sevin	lb											1.2000	4.40	5.28	5.28
Bravo	pt											3.0000	6.38	19.14	19.14
Benlate	lb											1.0000	15.80	15.80	15.80
Buffer	pt											2.0000	2.00	4.00	4.00
Irrig. Sys. 2 pipe	acin			1.00	Jun			3.58		0.740	5.55	2.0000			9.13
Trailer utility	10 ft	23	1.000	1.00	Jun	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Harvest labor	hour											55.0000	7.50	412.50	412.50
Packing labor	hour											10.0000	7.50	75.00	75.00
Packing boxes	each											190.0000	1.10	209.00	209.00
harvest container	each											8.0000	3.00	24.00	24.00
Small wet pack line	acre			1.00	Jun			2.47	12.52			1.0000			14.99
Boom sprayer	12 ft	23	0.190	1.00	Jul	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Bravo	pt											1.5000	6.38	9.57	9.57
Benlate	lb											0.5000	15.80	7.90	7.90
Irrig. Sys. 2 pipe	acin			1.00	Jul			3.58		0.740	5.55	2.0000			9.13
Trailer utility	10 ft	23	1.000	1.00	Jul	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Harvest labor	hour											55.0000	7.50	412.50	412.50
Packing labor	hour											10.0000	7.50	75.00	75.00
Packing boxes	each											190.0000	1.10	209.00	209.00
Trailer utility	10 ft	23	1.000	1.00	Jul	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Other labor	hour											15.0000	7.50	112.50	112.50
Disk 2R	6 ft	43	0.570	2.00	Jul	5.79	2.92	0.75	1.07	1.254	9.40				19.94
TOTALS						64.61	29.82	29.18	59.37	21.817	163.63			2767.75	3114.35
INTEREST ON OPERATING CAPITAL															67.24
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3181.60

Table 30.B Summary of estimated costs per acre, Cucumber (trellis), hybrid, skip row (1x1), fresh market, one-row equipment, irrigated, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	108.06	1.0000	108.06	_____
FUNGICIDES	acre	112.72	1.0000	112.72	_____
HERBICIDES	acre	30.01	1.0000	30.01	_____
HIRED LABOR	acre	735.00	1.0000	735.00	_____
INSECTICIDES	acre	40.56	1.0000	40.56	_____
PACK & HARVEST ITEMS	acre	442.00	1.0000	442.00	_____
SEED	acre	50.00	1.0000	50.00	_____
STAKES & TWINE	acre	264.00	1.0000	264.00	_____
CUSTOM	acre	10.40	1.0000	10.40	_____
HARVEST LABOR	acre	975.00	1.0000	975.00	_____
OPERATOR LABOR	hour	7.50	18.1170	135.88	_____
IRRIGATION LABOR	hour	7.50	3.7000	27.75	_____
DIESEL FUEL	gal	0.85	21.7950	18.53	_____
ELECTRICITY	kWh	0.09	5.2500	0.47	_____
GASOLINE	gal	1.10	21.7920	23.97	_____
REPAIR & MAINTENANCE	acre	50.82	1.0000	50.82	_____
INTEREST ON OP. CAP.	acre	67.24	1.0000	67.24	_____
				-----	
TOTAL DIRECT EXPENSES				3092.41	_____
TOTAL FIXED EXPENSES				89.19	_____
				-----	
TOTAL SPECIFIED EXPENSES				3181.60	_____

Table 30.C Effects of yields and prices on net returns per acre above total direct expenses, Cucumber, trellis, hybrid, skip row, fresh market, one-row equipment, irrigated, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Bushels)	-----Price Per Bushel-----				
	3.75	5.25	6.75	8.25	9.75
	-----Net Returns Per Acre-----				
280.00	-1675.83	-1255.83	-835.83	-415.83	4.17
330.00	-1671.62	-1176.62	-681.62	-186.62	308.38
380.00	-1667.41	-1097.41	-527.41	42.59	612.59
430.00	-1663.20	-1018.20	-373.20	271.80	916.80
480.00	-1658.99	-938.99	-218.99	501.01	1221.01

Table 31.A Estimated resource use and costs per acre for field operations, Eggplant, bare soil, trellis, one-row equipment, 60 inch skip rows, 2500 plants/acre, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Jan	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Feb	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
Hipper-fert 1R	13-13-13 lb											700.0000	0.12	84.00	84.00
Disk + pre 6R	20 ft	143	0.100	1.00	Mar	1.38	1.02	0.66	0.94	0.110	0.83				4.83
Devrinol	lb											3.0000	8.00	24.00	24.00
Row conditioner 1R	6 ft	23	0.410	1.00	Mar	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	2.76	1.24	0.19	0.31	0.825	6.19				10.69
Trailer utility	10 ft	23	1.000	1.00	Mar	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Eggplant plants	100											25.0000	4.00	100.00	100.00
Planting labor	hour											30.0000	7.50	225.00	225.00
Water trailer	10 ft	43	1.000	1.00	Mar	5.08	2.56	0.63	2.57	1.100	8.25				19.09
Cultivator 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	7.50	112.50	112.50
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Bravo	pt											1.5000	6.38	9.57	9.57
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50	19.50
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	7.50	75.00	75.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.8000	13.88	11.10	11.10
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Poast	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.8000	13.88	11.10	11.10
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Cult-fert 1R	3 ft	23	1.610	1.00	May	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											75.0000	0.13	9.75	9.75
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.8000	13.88	11.10	11.10
Buffer	pt											1.0000	2.00	2.00	2.00
Cult-fert 1R	3 ft	23	1.610	1.00	Jun	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											75.0000	0.13	9.75	9.75
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.8000	13.88	11.10	11.10
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	1.00	Jul	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	2.00	Jul	7.36	3.31	0.80	2.86	2.200	16.50				30.82
Harvest labor	hour			1.00	Jul							50.0000	7.50	375.00	375.00
harvest container	each			1.00	Jul							4.0000	3.00	12.00	12.00
Packing labor	hour			1.00	Jul							20.0000	7.50	150.00	150.00
Other labor	hour			1.00	Jul							2.5000	7.50	18.75	18.75
Packing boxes	each			1.00	Jul							200.0000	1.10	220.00	220.00
Trailer utility	10 ft	23	1.000	1.00	Aug	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Other labor	hour											8.0000	7.50	60.00	60.00
Pickup truck	1/2 ton		1.000	1.00	Aug			4.16	3.36	1.000	7.50				15.02
Shredder 1R	5 ft	23	0.740	1.00	Aug	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Disk 2R	6 ft	43	0.570	2.00	Aug	5.79	2.92	0.75	1.07	1.254	9.40				19.94
TOTALS						100.37	46.56	16.96	28.82	29.083	218.12			1931.44	2342.26
INTEREST ON OPERATING CAPITAL															74.22
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2416.48

Table 31.B Summary of estimated costs per acre, Eggplant, bare soil, trellis, one-row equipment, 60 inch skip rows, 2500 plants/acre, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	133.56	1.0000	133.56	_____
FUNGICIDES	acre	9.57	1.0000	9.57	_____
HERBICIDES	acre	38.12	1.0000	38.12	_____
HIRED LABOR	acre	566.25	1.0000	566.25	_____
INSECTICIDES	acre	71.94	1.0000	71.94	_____
PACK & HARVEST ITEMS	acre	232.00	1.0000	232.00	_____
STAKES & TWINE	acre	255.00	1.0000	255.00	_____
PLANTS	acre	100.00	1.0000	100.00	_____
HARVEST LABOR	acre	525.00	1.0000	525.00	_____
OPERATOR LABOR	hour	7.50	29.0830	218.12	_____
DIESEL FUEL	gal	0.85	11.2050	9.52	_____
GASOLINE	gal	1.10	37.0280	40.73	_____
REPAIR & MAINTENANCE	acre	67.07	1.0000	67.07	_____
INTEREST ON OP. CAP.	acre	74.22	1.0000	74.22	_____
				-----	
TOTAL DIRECT EXPENSES				2341.10	_____
TOTAL FIXED EXPENSES				75.38	_____
				-----	
TOTAL SPECIFIED EXPENSES				2416.48	_____

Table 31.C Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, bare soil, trellis, one-row equipment, 60" skip rows, fresh market, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Boxes)	-----Price Per Box-----				
	5.75	6.75	7.75	8.75	9.75
	-----Net Returns Per Acre-----				
340.00	-162.60	177.40	517.40	857.40	1197.40
370.00	-101.85	268.15	638.15	1008.15	1378.15
400.00	-41.10	358.90	758.90	1158.90	1558.90
430.00	19.65	449.65	879.65	1309.65	1739.65
460.00	80.40	540.40	1000.40	1460.40	1920.40

Table 32.A Estimated resource use and costs per acre for field operations, Eggplant, plastic mulch, trellis, one-row equipment, 60 inch skip row, drip irrigation, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	1.00	Jan	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Lime (spread)	cwt											6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	2.00	Feb	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
13-13-13	lb											700.0000	0.12	84.00	84.00
Row conditioner 1R	6 ft	23	0.410	1.00	Mar	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Plastic layer	5 ft	23	1.500	1.00	Mar	5.52	2.48	1.26	2.63	4.650	34.88				46.77
Plastic	roll											3.0000	60.00	180.00	180.00
Drip t-tape	roll											1.0000	125.00	125.00	125.00
Lay flat hose	roll											1.0000	105.00	105.00	105.00
Other labor	hour											4.0000	7.50	30.00	30.00
Veg trans model 900	1 row	23	3.000	1.00	Mar	11.04	4.96	2.52	6.57	9.300	69.75				94.85
Eggplant plants	100											25.0000	4.00	100.00	100.00
Planting labor	hour											2.0000	7.50	15.00	15.00
Water trailer	10 ft	43	1.000	1.00	Mar	5.08	2.56	0.63	2.57	1.100	8.25				19.09
Trailer utility	10 ft	23	1.000	1.00	Mar	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Drip irrigation	acin			1.00	Mar			1.45	26.54	0.200	1.50	1.0000			29.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	7.50	112.50	112.50
Drip irrigation	acin			1.00	Apr			1.45		0.200	1.50	1.0000			2.95
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Bravo	pt											1.5000	6.38	9.57	9.57
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	7.50	75.00	75.00
Drip irrigation	acin			1.00	Apr			1.45		0.200	1.50	1.0000			2.95
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Gramoxone	pt											2.5000	3.89	9.73	9.73
Surfactant	pt											0.5000	1.34	0.67	0.67
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.8000	13.88	11.10	11.10
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ambush	pt											0.8000	13.88	11.10	11.10
Buffer	pt											1.0000	2.00	2.00	2.00
Drip irrigation	acin			1.00	May			2.90		0.400	3.00	2.0000			5.90
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Gramoxone	pt											2.5000	3.89	9.73	9.73
Surfactant	pt											0.5000	1.34	0.67	0.67
Drip irrigation	acin			1.00	May			1.45		0.200	1.50	1.0000			2.95
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Jun	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Drip irrigation	acin			1.00	Jun			2.90		0.400	3.00	2.0000			5.90
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Boom sprayer	12 ft	23	0.190	2.00	Jun	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Ambush	pt											1.6000	13.88	22.21	22.21
Buffer	pt											2.0000	2.00	4.00	4.00
Drip irrigation	acin			1.00	Jun			1.45		0.200	1.50	1.0000			2.95
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CaNO3, regular	lb											50.0000	0.18	9.00	9.00
Boom sprayer	12 ft	23	0.190	1.00	Jul	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											1.0000	2.88	2.88	2.88
Buffer	pt											1.0000	2.00	2.00	2.00
Drip irrigation	acin			1.00	Jul			2.90		0.400	3.00	2.0000			5.90
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50

(continued)

Table 32.A (continued)

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						dollars				dollars		dollars				
Boom sprayer	12 ft	23	0.190	1.00	Jul	0.70	0.31	0.26	0.28	0.209	1.57					3.12
Ambush	pt											0.8000	13.88	11.10		11.10
Buffer	pt											1.0000	2.00	2.00		2.00
Trailer utility	10 ft	23	1.000	2.00	Aug	7.36	3.31	0.80	2.86	2.200	16.50					30.82
Harvest labor	hour			1.00	Aug							60.0000	7.50	450.00		450.00
harvest container	each			1.00	Aug							4.0000	3.00	12.00		12.00
Packing labor	hour			1.00	Aug							30.0000	7.50	225.00		225.00
Other labor	hour			1.00	Aug							2.5000	7.50	18.75		18.75
Packing boxes	each			1.00	Aug							300.0000	1.10	330.00		330.00
Shredder 1R	5 ft	23	0.740	1.00	Aug	2.72	1.22	0.28	0.74	0.814	6.11					11.08
Trailer utility	10 ft	23	1.000	1.00	Aug	3.68	1.65	0.40	1.43	1.100	8.25					15.41
Other labor	hour											8.0000	7.50	60.00		60.00
Coulter	1 row	23	1.500	1.00	Sep	5.52	2.48	0.19	0.28	1.650	12.38					20.85
Other labor	hour											15.0000	7.50	112.50		112.50
Pickup truck	1/2 ton		1.000	1.00	Sep			4.16	3.36	1.000	7.50					15.02
Disk 2R	6 ft	43	0.570	2.00	Sep	5.79	2.92	0.75	1.07	1.254	9.40					19.94
TOTALS						94.35	43.46	34.44	62.02	38.787	290.90					2714.46
INTEREST ON OPERATING CAPITAL																114.82
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																3354.44

Table 32.B Summary of estimated costs per acre, Eggplant, plastic mulch, trellis, one-row equipment, 60 inch skip rows, drip irrigation, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	157.56	1.0000	157.56	_____
FUNGICIDES	acre	9.57	1.0000	9.57	_____
HERBICIDES	acre	20.79	1.0000	20.79	_____
HIRED LABOR	acre	573.75	1.0000	573.75	_____
INSECTICIDES	acre	85.04	1.0000	85.04	_____
PACK & HARVEST ITEMS	acre	342.00	1.0000	342.00	_____
STAKES & TWINE	acre	305.00	1.0000	305.00	_____
PLASTIC	acre	410.00	1.0000	410.00	_____
PLANTS	acre	100.00	1.0000	100.00	_____
CUSTOM	acre	35.75	1.0000	35.75	_____
HARVEST LABOR	acre	675.00	1.0000	675.00	_____
OPERATOR LABOR	hour	7.50	30.5870	229.40	_____
HAND LABOR	hour	7.50	6.0000	45.00	_____
IRRIGATION LABOR	hour	7.50	2.2000	16.50	_____
DIESEL FUEL	gal	0.85	10.3950	8.84	_____
GASOLINE	gal	1.10	35.0120	38.51	_____
REPAIR & MAINTENANCE	acre	81.44	1.0000	81.44	_____
INTEREST ON OP. CAP.	acre	114.82	1.0000	114.82	_____
TOTAL DIRECT EXPENSES				3248.97	_____
TOTAL FIXED EXPENSES				105.47	_____
TOTAL SPECIFIED EXPENSES				3354.44	_____

Table 32.C Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, plastic mulch, standard trellis, one-row equipment, 60" skip rows, fresh market, drip irrigation, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Bushels)	Price Per Bushel				
	5.75	6.75	7.75	8.75	9.75
Net Returns Per Acre					
540.00	57.03	597.03	1137.03	1677.03	2217.03
570.00	129.03	699.03	1269.03	1839.03	2409.03
600.00	201.03	801.03	1401.03	2001.03	2601.03
630.00	273.03	903.03	1533.03	2163.03	2793.03
660.00	345.03	1005.03	1665.03	2325.03	2985.03



Table 33.A Estimated resource use and costs per acre for field operations, Greens (Mustard), process market, irrigated, six-row equipment, mechanical harvest, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 6R	20 ft	143	0.100	2.00	Aug	2.76	2.05	1.10	1.57	0.220	1.65				9.13
Disk + pre 6R	20 ft	143	0.100	1.00	Aug	1.38	1.02	0.66	0.94	0.110	0.83				4.83
Treflan	pt											1.2500	3.75	4.69	4.69
Hipper 6R	20 ft	143	0.090	2.00	Aug	2.49	1.84	0.45	0.64	0.198	1.49				6.91
Precision seeder	4 unit	68	0.600	1.00	Sep	4.50	2.50	1.91	2.82	0.660	4.95				16.68
Mustard seed	lb											1.5000	5.00	7.50	7.50
Irrig. Sys. 2 pipe	acin			1.00	Sep			3.58	27.70	0.740	5.55	2.0000			36.83
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.18	0.08	0.09	0.13	0.055	0.41				0.90
Boom sprayer	20 ft	93	0.120	1.00	Sep	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Thiodan	lb											1.0000	8.00	8.00	8.00
Fertilizer app (R)	20 ft	93	0.090	1.00	Sep	0.41	0.56		0.00	0.099	0.74				1.71
Ammonium Nitrate	33% lb											150.0000	0.13	19.50	19.50
Cultivator 6R	20 ft	143	0.100	1.00	Sep	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Irrig. Sys. 2 pipe	acin			1.00	Sep			3.58	0.38	0.740	5.55	2.0000			9.13
Boom sprayer	20 ft	93	0.120	1.00	Oct	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Malathion	pt											1.0000	2.88	2.88	2.88
Dipel	pt											1.0000	3.00	3.00	3.00
Cultivator 6R	20 ft	143	0.100	1.00	Oct	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Ditcher	1.5 ft	23	0.050	1.00	Oct	0.18	0.08	0.09	0.13	0.055	0.41				0.90
Boom sprayer	20 ft	93	0.120	1.00	Oct	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Phosdrin 4EC	pt											0.5000	11.19	5.60	5.60
Dipel	pt											1.0000	3.00	3.00	3.00
Irrig. Sys. 2 pipe	acin			1.00	Oct			3.58		0.740	5.55	2.0000			9.13
Boom sprayer	20 ft	93	0.120	1.00	Oct	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Phosdrin 4EC	pt											0.5000	11.19	5.60	5.60
Dipel	pt											1.0000	3.00	3.00	3.00
Greens harvester	80 inch	93	1.000	1.00	Nov	9.16	6.19	4.40	6.26	1.100	8.25				34.26
Veg. wagon	12 ft	93	1.000	1.00	Nov	9.16	6.19	2.20	3.57	1.100	8.25				29.37
Fertilizer app (R)	20 ft	93	0.090	1.00	Nov	0.41	0.56		0.00	0.099	0.74				1.71
Ammonium Nitrate	33% lb											100.0000	0.13	13.00	13.00
Cultivator 6R	20 ft	143	0.100	1.00	Nov	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Boom sprayer	20 ft	93	0.120	1.00	Nov	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Malathion	pt											1.0000	2.88	2.88	2.88
Dipel	pt											1.0000	3.00	3.00	3.00
Irrig. Sys. 2 pipe	acin			1.00	Nov			3.58		0.740	5.55	2.0000			9.13
Boom sprayer	20 ft	93	0.120	1.00	Nov	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Phosdrin 4EC	pt											0.5000	11.19	5.60	5.60
Dipel	pt											1.0000	3.00	3.00	3.00
Greens harvester	80 inch	93	1.000	1.00	Dec	9.16	6.19	4.40	6.26	1.100	8.25				34.26
Veg. wagon	12 ft	93	1.000	1.00	Dec	9.16	6.19	2.20	3.57	1.100	8.25				29.37
Disk 6R	20 ft	143	0.100	1.00	Dec	1.38	1.02	0.55	0.78	0.110	0.83				4.56
TOTALS						61.08	42.01	34.48	56.91	10.088	75.66			90.23	360.37
INTEREST ON OPERATING CAPITAL															5.97
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															366.34

Table 33.B Summary of estimated costs per acre, Greens (Mustard), process market, irrigated, six-row equipment, mechanical harvest, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	32.50	1.0000	32.50	_____
HERBICIDES	acre	4.69	1.0000	4.69	_____
INSECTICIDES	acre	45.54	1.0000	45.54	_____
SEED	acre	7.50	1.0000	7.50	_____
OPERATOR LABOR	hour	7.50	7.1280	53.46	_____
IRRIGATION LABOR	hour	7.50	2.9600	22.20	_____
DIESEL FUEL	gal	0.85	46.4160	39.45	_____
GASOLINE	gal	1.10	0.1600	0.18	_____
REPAIR & MAINTENANCE	acre	55.93	1.0000	55.93	_____
INTEREST ON OP. CAP.	acre	5.97	1.0000	5.97	_____
				-----	
TOTAL DIRECT EXPENSES				267.41	_____
TOTAL FIXED EXPENSES				98.92	_____
				-----	
TOTAL SPECIFIED EXPENSES				366.34	_____

Table 33.C Effects of yields and prices on net returns per acre above total direct expenses, Greens (Mustard), process market, irrigated, six-row equipment, mechanical harvest, two cuttings, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Tons)	-----Price Per Ton-----				
	80.00	90.00	100.00	110.00	120.00
	-----Net Returns Per Acre-----				
3.00	-15.21	14.79	44.79	74.79	104.79
4.00	58.69	98.69	138.69	178.69	218.69
5.00	132.59	182.59	232.59	282.59	332.59
6.00	206.49	266.49	326.49	386.49	446.49
7.00	280.39	350.39	420.39	490.39	560.39

Table 34.A Estimated resource use and costs per acre for field operations, Peas (Southern), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR	OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE		COST
						-----dollars-----				dollars	-----dollars-----				
Lime (spread)	cwt			1.00	Feb							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	2.00	Feb	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Disk 2R	6 ft	43	0.570	1.00	Mar	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											300.0000	0.13	39.00	39.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Row conditioner 1R	6 ft	23	0.410	1.00	Mar	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Apr	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Southern pea seed	lb											45.0000	1.25	56.25	56.25
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Dual	pt											1.5000	7.85	11.78	11.78
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											1.0000	8.00	8.00	8.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Pursuit	oz											2.0000	4.98	9.96	9.96
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											1.2500	4.40	5.50	5.50
Cultivator 1R	3 ft	23	1.530	1.00	Jun	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											1.0000	8.00	8.00	8.00
Bean harvester 1R	3 ft	68	1.000	1.00	Jul	7.50	4.17	8.03	12.49	1.100	8.25				40.44
Packing sacks	each											25.0000	0.50	12.50	12.50
Trailer utility	10 ft	23	1.000	1.00	Jul	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Bean/pea sheller	acre			1.00	Jul			4.75	7.55	6.500	48.75	1.0000			61.05
Packing labor	hour											2.0000	7.50	15.00	15.00
Plastic bag, sealing	each											75.0000	0.10	7.50	7.50
Pickup truck	½ ton		1.000	3.00	Jul			12.47	10.09	3.000	22.50				45.06
Disk 2R	6 ft	43	0.570	1.00	Jul	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						55.89	26.54	31.11	38.94	24.108	180.81			184.05	517.34
INTEREST ON OPERATING CAPITAL															24.09
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															541.42

Table 34.B Summary of estimated costs per acre, Peas (Southern), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	49.56	1.0000	49.56	_____
HERBICIDES	acre	21.74	1.0000	21.74	_____
INSECTICIDES	acre	21.50	1.0000	21.50	_____
PACK & HARVEST ITEMS	acre	20.00	1.0000	20.00	_____
SEED	acre	56.25	1.0000	56.25	_____
HARVEST LABOR	acre	15.00	1.0000	15.00	_____
OPERATOR LABOR	hour	7.50	17.6080	132.06	_____
HAND LABOR	hour	7.50	6.5000	48.75	_____
DIESEL FUEL	gal	0.85	10.3560	8.80	_____
ELECTRICITY	kWh	0.09	12.7500	1.15	_____
GASOLINE	gal	1.10	23.5000	25.85	_____
REPAIR & MAINTENANCE	acre	51.20	1.0000	51.20	_____
INTEREST ON OP. CAP.	acre	24.09	1.0000	24.09	_____
				-----	
TOTAL DIRECT EXPENSES				475.94	_____
TOTAL FIXED EXPENSES				65.48	_____
				-----	
TOTAL SPECIFIED EXPENSES				541.42	_____

Table 34.C Effects of yields and prices on net returns per acre above total direct expenses, Peas (Southern), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Bushels)	-----Price Per Bushel-----				
	13.00	14.00	15.00	16.00	17.00
	-----Net Returns Per Acre-----				
45.00	157.36	202.36	247.36	292.36	337.36
60.00	328.21	388.21	448.21	508.21	568.21
75.00	499.06	574.06	649.06	724.06	799.06
90.00	669.91	759.91	849.91	939.91	1029.91
105.00	840.76	945.76	1050.76	1155.76	1260.76

Table 35.A Estimated resource use and costs per acre for field operations, Irish Potatoes for spring chipping market, six-row equipment, machine harvest, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 6R	20 ft	143	0.100	2.00	Nov	2.76	2.05	1.10	1.57	0.220	1.65				9.13
Chisel plow	20 ft	143	0.090	1.00	Nov	1.24	0.92	0.24	0.34	0.099	0.74				3.48
Disk 6R	20 ft	143	0.100	1.00	Nov	1.38	1.02	0.55	0.78	0.110	0.83				4.56
Hipper 6R	20 ft	143	0.090	1.00	Nov	1.24	0.92	0.23	0.32	0.099	0.74				3.45
Ditcher	1.5 ft	23	0.050	1.00	Nov	0.18	0.08	0.09	0.13	0.055	0.41				0.90
Fertilizer app (R) 13-13-13	20 ft cwt	93	0.090	1.00	Jan	0.41	0.56		0.00	0.099	0.74				1.71
Potato seed cutter	cwt			1.00	Feb			0.91	1.92	3.060	22.95	12.0000	12.00	144.00	144.00
Trailer utility	10 ft	23	1.000	1.00	Feb	3.68	1.65	0.40	1.43	1.100	8.25	18.0000			25.78
Potato bins	each											1.0000	38.00	38.00	38.00
Fork lift			1.000	1.00	Feb			3.08	4.58	1.000	7.50				15.16
Conditioner	20 ft	143	0.090	1.00	Feb	1.24	0.92	0.43	0.54	0.099	0.74				3.88
Potato planter	4 row	68	0.400	1.00	Feb	3.00	1.67	1.89	2.94	0.440	3.30				12.80
Chipping potato seed	cwt											18.0000	15.00	270.00	270.00
Other labor	hour											0.5000	7.50	3.75	3.75
Boom sprayer	20 ft	93	0.120	1.00	Feb	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Dual	pt											1.5000	7.85	11.78	11.78
Sencor 4L	pt											1.0000	17.73	17.73	17.73
Ditcher	1.5 ft	23	0.050	1.00	Feb	0.18	0.08	0.09	0.13	0.055	0.41				0.90
Cultivator 6R	20 ft	143	0.100	1.00	Feb	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Ditcher	1.5 ft	23	0.050	1.00	Feb	0.18	0.08	0.09	0.13	0.055	0.41				0.90
Fertilizer app (R)	20 ft	93	0.090	1.00	Feb	0.41	0.56		0.00	0.099	0.74				1.71
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50	19.50
Cultivator 6R	20 ft	143	0.100	1.00	Mar	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Ditcher	1.5 ft	23	0.050	1.00	Mar	0.18	0.08	0.09	0.13	0.055	0.41				0.90
Boom sprayer	20 ft	93	0.120	1.00	Mar	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Dual	pt											1.0000	7.85	7.85	7.85
Boom sprayer	20 ft	93	0.120	1.00	Apr	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Ambush	pt											0.2500	13.88	3.47	3.47
Bravo	pt											0.7500	6.38	4.79	4.79
Boom sprayer	20 ft	93	0.120	1.00	Apr	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Ambush	pt											0.2500	13.88	3.47	3.47
Dithane	lb											2.0000	2.95	5.90	5.90
Boom sprayer	20 ft	93	0.120	1.00	May	1.10	0.74	0.22	0.24	0.132	0.99				3.29
Bravo	pt											1.5000	6.38	9.57	9.57
Shredder 2R	6.7 ft	43	0.390	1.00	May	1.98	1.00	0.31	0.81	0.429	3.22				7.32
Potato digger, chain 2 row	43		0.660	1.00	May	3.35	1.69	2.03	2.89	0.726	5.45				15.41
Other labor	hour											1.1000	7.50	8.25	8.25
Trailer	40 ft	68	1.000	3.00	May	22.51	12.51	4.40	7.14	3.300	24.75				71.31
Bulk loader	acre			1.00	May			1.35	3.84	0.500	3.75	1.0000			8.94
Disk 6R	20 ft	143	0.100	1.00	Jun	1.38	1.02	0.55	0.78	0.110	0.83				4.56
TOTALS						53.60	32.59	19.46	32.35	12.590	94.43			548.05	780.47
INTEREST ON OPERATING CAPITAL															22.77
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															803.23

Table 35.B Summary of estimated costs per acre, Irish Potatoes for chipping (spring), process market, six-row equipment, machine harvest, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	163.50	1.0000	163.50	_____
FUNGICIDES	acre	20.26	1.0000	20.26	_____
HERBICIDES	acre	37.36	1.0000	37.36	_____
HIRED LABOR	acre	12.00	1.0000	12.00	_____
INSECTICIDES	acre	6.94	1.0000	6.94	_____
PACK & HARVEST ITEMS	acre	38.00	1.0000	38.00	_____
SEED	acre	270.00	1.0000	270.00	_____
OPERATOR LABOR	hour	7.50	12.5900	94.43	_____
DIESEL FUEL	gal	0.85	28.4020	24.14	_____
ELECTRICITY	kWh	0.09	8.1000	0.73	_____
GASOLINE	gal	1.10	3.4200	3.76	_____
REPAIR & MAINTENANCE	acre	44.42	1.0000	44.42	_____
INTEREST ON OP. CAP.	acre	22.77	1.0000	22.77	_____
				-----	
TOTAL DIRECT EXPENSES				738.30	_____
TOTAL FIXED EXPENSES				64.93	_____
				-----	
TOTAL SPECIFIED EXPENSES				803.23	_____

Table 35.C Effects of yields and prices on net returns per acre above total direct expenses, Irish Potatoes for chipping (spring), process market, six-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Cwt)	-----Price Per Cwt-----				
	4.00	4.75	5.50	6.25	7.00
	-----Net Returns Per Acre-----				
90.00	-272.90	-205.40	-137.90	-70.40	-2.90
120.00	-155.60	-65.60	24.40	114.40	204.40
150.00	-38.30	74.20	186.70	299.20	411.70
180.00	79.00	214.00	349.00	484.00	619.00
210.00	196.30	353.80	511.30	668.80	826.30

Table 36.A Estimated resource use and costs per acre for field operations, Pumpkins, irrigated, fresh market, one-row equipment, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jun							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Jun	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	1.00	Jul	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk-pre-1-2R	6 ft	23	0.590	1.00	Jul	2.17	0.98	0.49	0.70	0.649	4.87				9.21
Command 4EC	qt											1.0000	19.68	19.68	19.68
Hipper-fert 1R	3 ft	23	1.550	1.00	Jul	5.71	2.56	0.91	1.29	1.705	12.79				23.26
8-24-24	lb											500.0000	0.13	65.00	65.00
Hipper 1R	3 ft	23	1.530	1.00	Jul	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Row conditioner 1R	6 ft	23	0.410	1.00	Jul	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Planter 1R	3 ft	23	1.500	1.00	Jul	5.52	2.48	0.35	0.56	1.650	12.38				21.29
Pumpkin seed	lb											2.5000	30.00	75.00	75.00
Furrow irrigation	acin			1.00	Jul			6.88	55.50	2.000	15.00	2.0000			77.38
Ditcher	1.5 ft	23	0.050	0.50	Jul	0.09	0.04	0.05	0.07	0.028	0.21				0.45
Cultivator 1R	3 ft	23	1.530	1.00	Aug	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Aug	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Thiodan	lb											0.5000	8.00	4.00	4.00
Cult-fert 1R	3 ft	23	1.610	1.00	Aug	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Furrow irrigation	acin			1.00	Aug			6.88		2.000	15.00	2.0000			21.88
Cultivator 1R	3 ft	23	1.530	1.00	Aug	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.18	0.08	0.09	0.13	0.055	0.41				0.90
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Ridomil + Bravo	lb											2.0000	15.50	31.00	31.00
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Poast	pt											1.0000	12.56	12.56	12.56
Crop oil	pt											2.0000	0.78	1.56	1.56
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Furrow irrigation	acin			1.00	Sep			6.88		2.000	15.00	2.0000			21.88
Boom sprayer	12 ft	23	0.190	1.00	Sep	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Ridomil + Bravo	lb											2.0000	15.50	31.00	31.00
Furrow irrigation	acin			1.00	Oct			6.88		2.000	15.00	2.0000			21.88
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sevin	lb											0.6000	4.40	2.64	2.64
Boom sprayer	12 ft	23	0.190	1.00	Oct	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Benlate	lb											0.5000	15.80	7.90	7.90
Ridomil + Bravo	lb											2.0000	15.50	31.00	31.00
Harvest labor	hour			1.00	Oct							30.0000	7.50	225.00	225.00
Trailer utility	10 ft	23	1.000	2.00	Oct	7.36	3.31	0.80	2.86	2.200	16.50				30.82
Pickup truck	½ ton		1.000	10.00	Oct			41.56	33.63	10.000	75.00				150.19
Shredder 2R	6.7 ft	43	0.390	1.00	Oct	1.98	1.00	0.31	0.81	0.429	3.22				7.32
Disk 2R	6 ft	43	0.570	1.00	Oct	2.89	1.46	0.38	0.54	0.627	4.70				9.97
TOTALS						66.56	30.48	77.41	102.49	37.014	277.60			535.18	1089.72
INTEREST ON OPERATING CAPITAL															17.81
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1107.53

Table 36.B Summary of estimated costs per acre, Pumpkins, irrigated, fresh market, one-row equipment, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	88.56	1.0000	88.56	_____
FUNGICIDES	acre	100.90	1.0000	100.90	_____
HERBICIDES	acre	33.80	1.0000	33.80	_____
INSECTICIDES	acre	11.92	1.0000	11.92	_____
SEED	acre	75.00	1.0000	75.00	_____
HARVEST LABOR	acre	225.00	1.0000	225.00	_____
OPERATOR LABOR	hour	7.50	29.0135	217.60	_____
IRRIGATION LABOR	hour	7.50	8.0000	60.00	_____
DIESEL FUEL	gal	0.85	5.6700	4.82	_____
ELECTRICITY	kWh	0.09	48.0000	4.32	_____
GASOLINE	gal	1.10	49.2960	54.23	_____
REPAIR & MAINTENANCE	acre	80.60	1.0000	80.60	_____
INTEREST ON OP. CAP.	acre	17.81	1.0000	17.81	_____
				-----	
TOTAL DIRECT EXPENSES				974.56	_____
TOTAL FIXED EXPENSES				132.97	_____
				-----	
TOTAL SPECIFIED EXPENSES				1107.53	_____

Table 36.C Effects of yields and prices on net returns per acre above total direct expenses, Pumpkins, irrigated, fresh, one-row equipment, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Cwt)	-----Price Per Cwt-----				
	5.00	6.00	7.00	8.00	9.00
	-----Net Returns Per Acre-----				
140.00	-207.06	-67.06	72.94	212.94	352.94
170.00	-90.81	79.19	249.19	419.19	589.19
200.00	25.44	225.44	425.44	625.44	825.44
230.00	141.69	371.69	601.69	831.69	1061.69
260.00	257.94	517.94	777.94	1037.94	1297.94



Table 37.A Estimated resource use and costs per acre for field operations, Strawberries, irrigated, fresh market, plastic mulch, row covers, 4-row equipment, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 6R	20 ft	143	0.100	1.00	May	1.38	1.02	0.55	0.78	0.110	0.83				4.56
Lime (spread)	cwt			1.00	May							6.6700	1.60	10.67	10.67
Disk 6R	20 ft	143	0.100	2.00	May	2.76	2.05	1.10	1.57	0.220	1.65				9.13
Hipper 4R	13.3 ft	68	0.160	1.00	Jun	1.20	0.67	0.25	0.35	0.176	1.32				3.78
Fert-dist-PTO	20 ft	23	0.110	1.00	Jun	0.40	0.18	0.05	0.06	0.121	0.91				1.60
Southern pea seed	lb											40.0000	1.25	50.00	50.00
Spike harrow	18 ft	68	0.080	1.00	Jun	0.60	0.33	0.05	0.08	0.088	0.66				1.72
Shredder 2R	6.7 ft	43	0.390	1.00	Aug	1.98	1.00	0.31	0.81	0.429	3.22				7.32
Middle buster	4R	93	0.300	1.00	Aug	2.75	1.86	0.46	0.66	0.330	2.48				8.20
Fertilizer app (R)	20 ft	93	0.090	1.00	Sep	0.41	0.56		0.00	0.099	0.74				1.71
Nitrogen	lb											75.0000	0.24	18.00	18.00
Phosphorus	lb											170.0000	0.19	32.30	32.30
Potash	lb											160.0000	0.12	19.20	19.20
Hipper 4R	13.3 ft	68	0.160	1.00	Sep	1.20	0.67	0.25	0.35	0.176	1.32				3.78
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.18	0.08	0.09	0.13	0.055	0.41				0.90
Row shaper	4R	68	0.300	1.00	Sep	2.25	1.25	0.33	0.47	0.330	2.48				6.78
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.18	0.08	0.09	0.13	0.055	0.41				0.90
Plastic + fumigation	5 ft	23	1.500	1.00	Sep	5.52	2.48	1.58	3.29	4.650	34.88				47.74
Pickup truck	1/2 ton		1.000					4.16	3.36	1.000	7.50				15.02
Plastic	roll											5.0000	60.00	300.00	300.00
Methyl bromide	lb											200.0000	1.20	240.00	240.00
Other labor	hour											3.0000	7.50	22.50	22.50
Trailer utility	10 ft	23	1.000	1.00	Sep	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Other labor	hour											12.0000	7.50	90.00	90.00
Hole puncher	4 row	68	0.330	1.00	Sep			0.20	0.41						0.61
Trailer utility	10 ft	23	1.000	1.00	Oct	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Pickup truck	1/2 ton		1.000					4.16	3.36	1.000	7.50				15.02
Strawberry plants	1000											15.0000	70.00	1050.00	1050.00
Contract planting,	1 1000											15.0000	18.75	281.25	281.25
Sprinkler irrigation	acin			4.00	Oct			80.80	74.65	20.000	150.00	20.0000			305.45
Boom sprayer	12 ft	23	0.190	1.00	Nov	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Princep	lb											0.7000	2.81	1.97	1.97
Gramoxone	pt											2.0000	3.89	7.78	7.78
Surfactant	pt											1.0000	1.34	1.34	1.34
Trailer small	8 ft	23	1.000	1.00	Dec	3.68	1.65	0.24	0.86	1.100	8.25				14.68
Pickup truck	1/2 ton		1.000					4.16	3.36	1.000	7.50				15.02
Row covers Pro 50	roll											3.0000	567.00	1701.00	1701.00
Other labor	hour											12.0000	7.50	90.00	90.00
Rice bags	100											1.0000	20.00	20.00	20.00
Boom sprayer	12 ft	23	0.190	4.00	Dec	2.80	1.26	1.05	1.12	0.836	6.27				12.49
Tribasic Copper	lb											6.0000	2.55	15.30	15.30
Sprinkler irrigation	acin			2.00	Dec			8.08		2.000	15.00	2.0000			23.08
Injection wheel	4 row	68	0.330	1.00	Jan			1.95	2.77						4.71
CaNO3, regular	lb											200.0000	0.18	36.00	36.00
Sprinkler irrigation	acin			4.00	Jan			16.16		4.000	30.00	4.0000			46.16
Boom sprayer	12 ft	23	0.190	8.00	Jan	5.60	2.51	2.09	2.25	1.672	12.54				24.98
Benlate	lb											4.0000	15.80	63.20	63.20
Captan WP	lb											16.0000	3.25	52.00	52.00
Sprinkler irrigation	acin			8.00	Feb			64.64		16.000	120.00	16.0000			184.64
Boom sprayer	12 ft	23	0.190	2.00	Feb	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Captan WP	lb											4.0000	3.25	13.00	13.00
Rovral	pt											3.0000	19.19	57.57	57.57
Sprinkler irrigation	acin			4.00	Mar			32.32		8.000	60.00	8.0000			92.32
Boom sprayer	12 ft	23	0.190	2.00	Mar	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Benlate	lb											1.0000	15.80	15.80	15.80
Captan WP	lb											4.0000	3.25	13.00	13.00
Kelthane	qt											2.0000	12.13	24.26	24.26
Truck	1 ton		1.000	1.00	Mar			6.05	6.89	1.100	8.25				21.19
Harvest labor	flat											600.0000	1.25	750.00	750.00
Flats	each											600.0000	1.00	600.00	600.00
Boom sprayer	12 ft	23	0.190	2.00	Apr	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Rovral	pt											3.0000	19.19	57.57	57.57
Captan WP	lb											4.0000	3.25	13.00	13.00
Kelthane	qt											2.0000	12.13	24.26	24.26
Truck	1 ton		1.000	1.00	Apr			6.05	6.89	1.100	8.25				21.19
Harvest labor	flat											600.0000	1.25	750.00	750.00
Flats	each											600.0000	1.00	600.00	600.00
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Gramoxone	pt											2.0000	3.89	7.78	7.78
Surfactant	pt											1.0000	1.34	1.34	1.34
Coultter	1 row	23	1.500	1.00	Jun	5.52	2.48	0.19	0.28	1.650	12.38				20.85
Trailer utility	10 ft	23	1.000	1.00	Jun	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Truck	1 ton		1.000					6.05	6.89	1.100	8.25				21.19
Other labor	hour											15.0000	7.50	112.50	112.50
TOTALS						55.06	27.61	246.72	128.29	73.369	550.27			7142.59	8150.54
INTEREST ON OPERATING CAPITAL															299.47
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															8450.01

Table 37.B Summary of estimated costs per acre, Strawberries, irrigated, fresh market, plastic mulch, row covers, 4-row equipment, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	116.17	1.0000	116.17	_____
FUNGICIDES	acre	300.44	1.0000	300.44	_____
HERBICIDES	acre	20.21	1.0000	20.21	_____
HIRED LABOR	acre	596.25	1.0000	596.25	_____
INSECTICIDES	acre	48.52	1.0000	48.52	_____
PACK & HARVEST ITEMS	acre	1200.00	1.0000	1200.00	_____
SEED	acre	50.00	1.0000	50.00	_____
PLASTIC	acre	300.00	1.0000	300.00	_____
FUMIGANT	acre	240.00	1.0000	240.00	_____
PLANTS	acre	1050.00	1.0000	1050.00	_____
HARVEST LABOR	acre	1500.00	1.0000	1500.00	_____
ROW COVERS	acre	1721.00	1.0000	1721.00	_____
OPERATOR LABOR	hour	7.50	23.3690	175.27	_____
IRRIGATION LABOR	hour	7.50	50.0000	375.00	_____
DIESEL FUEL	gal	0.85	8.0430	6.84	_____
ELECTRICITY	kWh	0.09	950.0000	85.50	_____
GASOLINE	gal	1.10	34.1160	37.53	_____
REPAIR & MAINTENANCE	acre	171.92	1.0000	171.92	_____
INTEREST ON OP. CAP.	acre	299.47	1.0000	299.47	_____
				-----	
TOTAL DIRECT EXPENSES				8294.11	_____
TOTAL FIXED EXPENSES				155.90	_____
				-----	
TOTAL SPECIFIED EXPENSES				8450.01	_____

Table 37.C Effects of yields and prices on net returns per acre above total direct expenses, Strawberries, irrigated, fresh market, 4-row equipment, row covers, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Flat)	-----Price Per Flat-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
1000.00	-844.11	155.89	1155.89	2155.89	3155.89
1100.00	-369.11	730.89	1830.89	2930.89	4030.89
1200.00	105.89	1305.89	2505.89	3705.89	4905.89
1300.00	580.89	1880.89	3180.89	4480.89	5780.89
1400.00	1055.89	2455.89	3855.89	5255.89	6655.89

Table 38.A Estimated resource use and costs per acre for field operations, Tomatoes, fresh market, bare soil, trellis, one row equipment, 60" rows, 2500 plants/acre, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Jan	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Feb	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Hipper 1R	3 ft	23	1.530	1.00	Feb	5.63	2.53	0.50	0.72	1.683	12.62				22.01
Hipper-fert 1R	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
13-13-13	lb											700.0000	0.12	84.00	84.00
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sencor 4L	pt											1.0000	17.73	17.73	17.73
Treflan	pt											1.0000	3.75	3.75	3.75
Row conditioner 1R	6 ft	23	0.410	1.00	Mar	1.51	0.68	0.08	0.12	0.451	3.38				5.77
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	2.76	1.24	0.19	0.31	0.825	6.19				10.69
Trailer utility	10 ft	23	1.000	1.00	Mar	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Tomato plants	100											25.0000	5.00	125.00	125.00
Planting labor	hour											30.0000	7.50	225.00	225.00
Water trailer	10 ft	43	1.000	1.00	Mar	5.08	2.56	0.63	2.57	1.100	8.25				19.09
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Sencor 4L	pt											1.0000	17.73	17.73	17.73
Trailer utility	10 ft	23	1.000	1.00	Mar	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	7.50	112.50	112.50
Boom sprayer	12 ft	23	0.190	1.00	Mar	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											2.0000	6.38	12.76	12.76
Tribasic Copper	lb											3.0000	2.55	7.65	7.65
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Manzate	lb											2.0000	3.00	6.00	6.00
Tribasic Copper	lb											3.0000	2.55	7.65	7.65
Lannate	pt											3.0000	5.80	17.40	17.40
Buffer	pt											1.0000	2.00	2.00	2.00
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50	19.50
Trailer utility	10 ft	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Boom sprayer	12 ft	23	0.190	2.00	Apr	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Bravo	pt											4.0000	6.38	25.52	25.52
Tribasic Copper	lb											6.0000	2.55	15.30	15.30
Buffer	pt											2.0000	2.00	4.00	4.00
Ambush	pt											1.0000	13.88	13.88	13.88
Trailer utility	10 ft	23	1.000	1.00	May	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	7.50	75.00	75.00
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Manzate	lb											2.0000	3.00	6.00	6.00
Tribasic Copper	lb											3.0000	2.55	7.65	7.65
Lannate	pt											3.0000	5.80	17.40	17.40
Buffer	pt											1.0000	2.00	2.00	2.00
Cult-fert 1R	3 ft	23	1.610	1.00	May	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50	19.50
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											2.0000	6.38	12.76	12.76
Tribasic Copper	lb											3.0000	2.55	7.65	7.65
Sevin	lb											1.2500	4.40	5.50	5.50
Buffer	pt											1.0000	2.00	2.00	2.00
Boom sprayer	12 ft	23	0.190	2.00	May	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Ridomil + Bravo	lb											4.0000	15.50	62.00	62.00
Tribasic Copper	lb											6.0000	2.55	15.30	15.30
Sevin	lb											2.5000	4.40	11.00	11.00
Buffer	pt											2.0000	2.00	4.00	4.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	2.00	Jun	1.40	0.63	0.52	0.56	0.418	3.14				6.25
Manzate	lb											4.0000	3.00	12.00	12.00
Tribasic Copper	lb											6.0000	2.55	15.30	15.30
Sevin	lb											2.5000	4.40	11.00	11.00
Buffer	pt											2.0000	2.00	4.00	4.00
Trailer utility	10 ft	23	1.000	2.00	Jun	7.36	3.31	0.80	2.86	2.200	16.50				30.82
Harvest labor	hour			1.00	Jun							40.0000	7.50	300.00	300.00
harvest container	each			1.00	Jun							4.0000	3.00	12.00	12.00
Other labor	hour			1.00	Jun							2.5000	7.50	18.75	18.75
Small wet pack line	acre			1.00	Jun			2.47	12.52			1.0000			14.99
Packing labor	hour											40.0000	7.50	300.00	300.00
Lug boxes	each											700.0000	1.10	770.00	770.00
Pickup truck	½ ton		1.000	1.00	Jun			4.16	3.36	1.000	7.50				15.02
Trailer utility	10 ft	23	1.000	1.00	Jul	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Other labor	hour											8.0000	7.50	60.00	60.00
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.72	1.22	0.28	0.74	0.814	6.11				11.08
Disk 2R	6 ft	43	0.570	2.00	Jul	5.79	2.92	0.75	1.07	1.254	9.40				19.94
TOTALS						93.21	42.94	18.98	41.29	27.246	204.35			2935.74	3336.50
INTEREST ON OPERATING CAPITAL															86.69
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3423.19

Table 38.B Summary of estimated costs per acre, Tomatoes, fresh market, bare soil, trellis, one row equipment, 60" rows, 2500 plants/acre, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	133.56	1.0000	133.56	_____
FUNGICIDES	acre	213.54	1.0000	213.54	_____
HERBICIDES	acre	39.21	1.0000	39.21	_____
HIRED LABOR	acre	641.25	1.0000	641.25	_____
INSECTICIDES	acre	96.18	1.0000	96.18	_____
PACK & HARVEST ITEMS	acre	782.00	1.0000	782.00	_____
STAKES & TWINE	acre	305.00	1.0000	305.00	_____
PLANTS	acre	125.00	1.0000	125.00	_____
HARVEST LABOR	acre	600.00	1.0000	600.00	_____
OPERATOR LABOR	hour	7.50	27.2460	204.35	_____
DIESEL FUEL	gal	0.85	10.3950	8.84	_____
ELECTRICITY	kWh	0.09	5.2500	0.47	_____
GASOLINE	gal	1.10	34.5160	37.97	_____
REPAIR & MAINTENANCE	acre	64.91	1.0000	64.91	_____
INTEREST ON OP. CAP.	acre	86.69	1.0000	86.69	_____
				-----	
TOTAL DIRECT EXPENSES				3338.96	_____
TOTAL FIXED EXPENSES				84.23	_____
				-----	
TOTAL SPECIFIED EXPENSES				3423.19	_____

Table 38.C Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, fresh market, one-row equipment, bare soil, trellis, 60" skip row, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Boxes)	-----Price Per 20 Lb. Box-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
500.00	651.03	1151.03	1651.03	2151.03	2651.03
600.00	1106.03	1706.03	2306.03	2906.03	3506.03
700.00	1561.03	2261.03	2961.03	3661.03	4361.03
800.00	2016.03	2816.03	3616.03	4416.03	5216.03
900.00	2471.03	3371.03	4271.03	5171.03	6071.03

Table 39.A Estimated resource use and costs per greenhouse for production operations, Greenhouse Tomatoes, fall fresh market, 760 plants in grow bags, drip irrigated and fertilized, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Greenhouse	each			1.00	Aug			66.85	1337.00			1.0000			1403.85
Greenhouse prep.	hour											2.0000	7.50	15.00	15.00
Grow bags	each											190.0000	1.69	321.10	321.10
Tomato plants	each			1.00	Aug							760.0000	0.35	266.00	266.00
Planting labor	hour											6.0000	7.50	45.00	45.00
Fan, greenhouse	hour			15.00	Aug			25.92	191.50			180.0000			217.42
Clip, tie and prune	hour			1.00	Aug							6.0000	7.50	45.00	45.00
Plant clips	box											0.3400	60.00	20.40	20.40
Plastic twine	box											1.0000	18.00	18.00	18.00
Backpack sprayer	each			2.00	Aug				24.00	2.000	15.00	2.0000			39.00
Benlate	lb											0.0500	15.80	0.79	0.79
Bravo	pt											0.2000	6.38	1.28	1.28
Ambush	pt											0.1000	13.88	1.39	1.39
Kelthane	qt											0.0500	12.13	0.61	0.61
Thiodan	lb											0.0250	8.00	0.20	0.20
Pollinator	hour			15.00	Sep			4.50	20.00	15.000	112.50	15.0000			137.00
Backpack sprayer	each			4.00	Sep					4.000	30.00	4.0000			30.00
Benlate	lb											0.1000	15.80	1.58	1.58
Bravo	pt											0.4000	6.38	2.55	2.55
Ambush	pt											0.2000	13.88	2.78	2.78
Kelthane	qt											0.1000	12.13	1.21	1.21
Thiodan	lb											0.0500	8.00	0.40	0.40
Fan, greenhouse	hour			30.00	Sep			51.84				360.0000			51.84
Clip, tie and prune	hour			4.00	Sep							24.0000	7.50	180.00	180.00
Plant clips	box											0.3320	60.00	19.92	19.92
Bee pollination	hive			1.00	Oct							1.0000	250.00	250.00	250.00
Leaf pruning	hour			1.00	Oct							6.0000	7.50	45.00	45.00
Cluster prune	hour			2.00	Oct							8.0000	7.50	60.00	60.00
Backpack sprayer	each			4.00	Oct					4.000	30.00	4.0000			30.00
Benlate	lb											0.1000	15.80	1.58	1.58
Bravo	pt											0.4000	6.38	2.55	2.55
Ambush	pt											0.2000	13.88	2.78	2.78
Kelthane	qt											0.1000	12.13	1.21	1.21
Thiodan	lb											0.0500	8.00	0.40	0.40
Fan, greenhouse	hour			30.00	Oct			34.56				240.0000			34.56
Clip, tie and prune	hour			4.00	Oct							24.0000	7.50	180.00	180.00
Harvest labor	hour			2.00	Oct							10.0000	7.50	75.00	75.00
Lug boxes	each											30.0000	1.20	36.00	36.00
Monitor	hour			150.00	Oct							150.0000	7.50	1125.00	1125.00
Drip irrigate/inject	each			1.00	Oct			13.76	289.00			1.0000			302.76
2-13-29	lb											300.0000	0.80	240.00	240.00
CAN03, water sol.	lb											300.0000	0.35	105.00	105.00
Leaf pruning	hour			1.00	Nov							6.0000	7.50	45.00	45.00
Cluster prune	hour			2.00	Nov							8.0000	7.50	60.00	60.00
Backpack sprayer	each			4.00	Nov					4.000	30.00	4.0000			30.00
Benlate	lb											0.1000	15.80	1.58	1.58
Bravo	pt											0.4000	6.38	2.55	2.55
Ambush	pt											0.2000	13.88	2.78	2.78
Kelthane	qt											0.1000	12.13	1.21	1.21
Thiodan	lb											0.0500	8.00	0.40	0.40
Fan, greenhouse	hour			30.00	Nov			34.56				240.0000			34.56
Clip, tie and prune	hour			4.00	Nov							24.0000	7.50	180.00	180.00
Plant clips	box											0.3280	60.00	19.68	19.68
Harvest labor	hour			8.00	Nov							48.0000	7.50	360.00	360.00
Lug boxes	each											104.0000	1.20	124.80	124.80
Pollinator	hour			15.00	Dec			4.50		15.000	112.50	15.0000			117.00
Leaf pruning	hour			1.00	Dec							6.0000	7.50	45.00	45.00
Cluster prune	hour			2.00	Dec							8.0000	7.50	60.00	60.00
Backpack sprayer	each			4.00	Dec					4.000	30.00	4.0000			30.00
Benlate	lb											0.1000	15.80	1.58	1.58
Bravo	pt											0.4000	6.38	2.55	2.55
Ambush	pt											0.2000	13.88	2.78	2.78
Kelthane	qt											0.1000	12.13	1.21	1.21
Thiodan	lb											0.0500	8.00	0.40	0.40
Fan, greenhouse	hour			30.00	Dec			17.28				120.0000			17.28
Clip, tie and prune	hour			4.00	Dec							24.0000	7.50	180.00	180.00
Harvest labor	hour			8.00	Dec							64.0000	7.50	480.00	480.00
Lug boxes	each											104.0000	1.20	124.80	124.80
Heater, greenhouse	hour			30.00	Dec			138.00	126.00			150.0000			264.00
Backpack sprayer	each			2.00	Jan					2.000	15.00	2.0000			15.00
Benlate	lb											0.0500	15.80	0.79	0.79
Bravo	pt											0.2000	6.38	1.28	1.28
Ambush	pt											0.1000	13.88	1.39	1.39
Kelthane	qt											0.0500	12.13	0.61	0.61
Thiodan	lb											0.0250	8.00	0.20	0.20
Fan, greenhouse	hour			15.00	Jan			8.64				60.0000			8.64
Harvest labor	hour			2.00	Jan							10.0000	7.50	75.00	75.00
Lug boxes	each											30.0000	1.20	36.00	36.00
Heater, greenhouse	hour			15.00	Jan			138.00				150.0000			138.00
Greenhouse prep.	hour			1.00	Jan							9.0000	7.50	67.50	67.50
TOTALS							0.00	0.00	538.41	1987.50	50.000	375.00			7847.71
INTEREST ON OPERATING CAPITAL															162.57
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															8010.29

Table 39.B Summary of estimated costs per greenhouse, Greenhouse Tomatoes, fall fresh market, 760 plants in grow bags, drip irrigated and fertilized, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	345.00	1.0000	345.00	_____
FUNGICIDES	acre	20.66	1.0000	20.66	_____
HIRED LABOR	acre	2332.50	1.0000	2332.50	_____
INSECTICIDES	acre	21.95	1.0000	21.95	_____
PACK & HARVEST ITEMS	acre	321.60	1.0000	321.60	_____
PLANTS	acre	587.10	1.0000	587.10	_____
CUSTOM	acre	250.00	1.0000	250.00	_____
HARVEST LABOR	acre	990.00	1.0000	990.00	_____
OTHER	acre	78.00	1.0000	78.00	_____
OPERATOR LABOR	hour	7.50	50.0000	375.00	_____
DIESEL FUEL	gal	0.85	300.0000	255.00	_____
ELECTRICITY	kWh	0.09	1716.0000	154.44	_____
REPAIR & MAINTENANCE	acre	128.97	1.0000	128.97	_____
INTEREST ON OP. CAP.	acre	162.57	1.0000	162.57	_____
				-----	
TOTAL DIRECT EXPENSES				6022.79	_____
TOTAL FIXED EXPENSES				1987.50	_____
				-----	
TOTAL SPECIFIED EXPENSES				8010.29	_____

For greenhouse tomatoes, the table presenting net returns for a range of yields and prices has been combined for the fall and spring crops, and appears in the budget for the spring crop, on page 83.

Table 40.A Estimated resource use and costs per greenhouse for production operations, Greenhouse Tomatoes, spring fresh market, 760 plants in grow bags, drip irrigated and fertilized, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Greenhouse prep.	hour			1.00	Jan							10.0000	7.50	75.00	75.00	
Tomato plants	each			1.00	Jan							760.0000	0.35	266.00	266.00	
Planting labor	hour											6.0000	7.50	45.00	45.00	
Heater, greenhouse	hour			15.00	Jan			138.00	126.00			150.0000			264.00	
Fan, greenhouse	hour			15.00	Jan			8.64	191.50			60.0000			200.14	
Clip, tie and prune	hour			1.00	Jan							6.0000		45.00	45.00	
Plant clips	box											0.3300	60.00	19.80	19.80	
Plastic twine	box											1.0000	18.00	18.00	18.00	
Backpack sprayer	each			2.00	Jan				24.00	2.000	15.00	2.0000			39.00	
Benlate	lb											0.0500	15.80	0.79	0.79	
Bravo	pt											0.2000	6.38	1.28	1.28	
Ambush	pt											0.1000	13.88	1.39	1.39	
Kelthane	qt											0.0500	12.13	0.61	0.61	
Thiodan	lb											0.0250	8.00	0.20	0.20	
Pollinator	hour			14.00	Feb			4.20	20.00	14.000	105.00	14.0000			129.20	
Clip, tie and prune	hour			4.00	Feb							24.0000	7.50	180.00	180.00	
Backpack sprayer	each			4.00	Feb					4.000	30.00	4.0000			30.00	
Benlate	lb											0.1000	15.80	1.58	1.58	
Bravo	pt											0.4000	6.38	2.55	2.55	
Ambush	pt											0.2000	13.88	2.78	2.78	
Kelthane	qt											0.1000	12.13	1.21	1.21	
Thiodan	lb											0.0500	8.00	0.40	0.40	
Fan, greenhouse	hour			30.00	Feb			17.28				120.0000			17.28	
Heater, greenhouse	hour			30.00	Feb			276.00				300.0000			276.00	
Bee pollination	hive			1.00	Mar							1.0000	250.00	250.00	250.00	
Leaf pruning	hour			1.00	Mar							6.0000	7.50	45.00	45.00	
Cluster prune	hour			2.00	Mar							8.0000	7.50	60.00	60.00	
Backpack sprayer	each			4.00	Mar					4.000	30.00	4.0000			30.00	
Benlate	lb											0.1000	15.80	1.58	1.58	
Bravo	pt											0.4000	6.38	2.55	2.55	
Ambush	pt											0.2000	13.88	2.78	2.78	
Kelthane	qt											0.1000	12.13	1.21	1.21	
Thiodan	lb											0.0500	8.00	0.40	0.40	
Fan, greenhouse	hour			30.00	Mar			34.56				240.0000			34.56	
Heater, greenhouse	hour			30.00	Mar			184.92				201.0000			184.92	
Clip, tie and prune	hour			6.00	Mar							24.0000	7.50	180.00	180.00	
Plant clips	box											0.3300	60.00	19.80	19.80	
Harvest labor	hour			2.00	Mar							10.0000	7.50	75.00	75.00	
Lug boxes	each											48.0000	1.20	57.60	57.60	
Leaf pruning	hour			1.00	Apr							6.0000	7.50	45.00	45.00	
Cluster prune	hour			2.00	Apr							8.0000	7.50	60.00	60.00	
Drip irrigate/inject	each			1.00	Apr			13.76	289.00			1.0000			302.76	
2-13-29	lb											500.0000	0.80	400.00	400.00	
CAN03, water sol.	lb											500.0000	0.35	175.00	175.00	
Monitor	hour			165.00	Apr							165.0000	7.50	1237.50	1237.50	
Backpack sprayer	each			4.00	Apr					4.000	30.00	4.0000			30.00	
Benlate	lb											0.1000	15.80	1.58	1.58	
Bravo	pt											0.4000	6.38	2.55	2.55	
Ambush	pt											0.2000	13.88	2.78	2.78	
Kelthane	qt											0.1000	12.13	1.21	1.21	
Thiodan	lb											0.0500	8.00	0.40	0.40	
Fan, greenhouse	hour			30.00	Apr			34.56				240.0000			34.56	
Heater, greenhouse	hour			30.00	Apr			48.30				52.5000			48.30	
Clip, tie and prune	hour			4.00	Apr							24.0000	7.50	180.00	180.00	
Harvest labor	hour			8.00	Apr							40.0000	7.50	300.00	300.00	
Lug boxes	each											192.0000	1.20	230.40	230.40	
Pollinator	hour			15.00	May			4.50		15.000	112.50	15.0000			117.00	
Leaf pruning	hour			1.00	May							6.0000	7.50	45.00	45.00	
Cluster prune	hour			1.00	May							8.0000	7.50	60.00	60.00	
Backpack sprayer	each			4.00	May					4.000	30.00	4.0000			30.00	
Benlate	lb											0.1000	15.80	1.58	1.58	
Bravo	pt											0.4000	6.38	2.55	2.55	
Ambush	pt											0.2000	13.88	2.78	2.78	
Kelthane	qt											0.1000	12.13	1.21	1.21	
Thiodan	lb											0.0500	8.00	0.40	0.40	
Fan, greenhouse	hour			30.00	May			34.56				240.0000			34.56	
Clip, tie and prune	hour			4.00	May							24.0000	7.50	180.00	180.00	
Plant clips	box											0.3300	60.00	19.80	19.80	
Harvest labor	hour			8.00	May							40.0000	7.50	300.00	300.00	
Lug boxes	each											192.0000	1.20	230.40	230.40	
Backpack sprayer	each			4.00	Jun					4.000	30.00	4.0000			30.00	
Benlate	lb											0.0500	15.80	0.79	0.79	
Bravo	pt											0.2000	6.38	1.28	1.28	
Ambush	pt											0.1000	13.88	1.39	1.39	
Kelthane	qt											0.0500	12.13	0.61	0.61	
Thiodan	lb											0.0252	8.00	0.20	0.20	
Fan, greenhouse	hour			30.00	Jun			34.56				240.0000			34.56	
Clip, tie and prune	hour			4.00	Jun							24.0000	7.50	180.00	180.00	
Harvest labor	hour			6.00	Jun							30.0000	7.50	225.00	225.00	
Lug boxes	each											138.0000	1.20	165.60	165.60	
TOTALS								0.00	0.00	833.84	650.50	51.000	382.50		5412.51	7279.35
INTEREST ON OPERATING CAPITAL																235.86
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																7515.20

Table 40.B Summary of estimated costs per greenhouse, Greenhouse Tomatoes, spring fresh market, 760 plants in grow bags, drip irrigated and fertilized, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	575.00	1.0000	575.00	_____
FUNGICIDES	acre	20.66	1.0000	20.66	_____
HIRED LABOR	acre	2617.50	1.0000	2617.50	_____
INSECTICIDES	acre	21.95	1.0000	21.95	_____
PACK & HARVEST ITEMS	acre	684.00	1.0000	684.00	_____
PLANTS	acre	266.00	1.0000	266.00	_____
CUSTOM	acre	250.00	1.0000	250.00	_____
HARVEST LABOR	acre	900.00	1.0000	900.00	_____
OTHER	acre	77.40	1.0000	77.40	_____
OPERATOR LABOR	hour	7.50	51.0000	382.50	_____
DIESEL FUEL	gal	0.85	703.5000	597.98	_____
ELECTRICITY	kWh	0.09	1632.0000	146.88	_____
REPAIR & MAINTENANCE	acre	88.98	1.0000	88.98	_____
INTEREST ON OP. CAP.	acre	235.86	1.0000	235.86	_____
				-----	
TOTAL DIRECT EXPENSES				6864.70	_____
TOTAL FIXED EXPENSES				650.50	_____
				-----	
TOTAL SPECIFIED EXPENSES				7515.20	_____

Table 40.C Effects of yields and prices on net returns per greenhouse above total direct expenses, Greenhouse Tomatoes, combined fall and spring fresh market crops, 760 plants in grow bags, drip irrigated and fertilized, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Boxes)	-----Price Per 20 Lb. Box-----				
	18.00	19.00	20.00	21.00	22.00
	-----Net Returns Per Acre-----				
600.00	-1597.49	-997.49	-397.49	202.51	802.51
700.00	-42.49	657.51	1357.51	2057.51	2757.51
800.00	1512.51	2312.51	3112.51	3912.51	4712.51
900.00	3067.51	3967.51	4867.51	5767.51	6667.51
1000.00	4622.51	5622.51	6622.51	7622.51	8622.51



Table 41.A Estimated resource use and costs per acre for field operations, Watermelons (early), hybrid, transplants, plastic mulch, one-row equipment, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Oct							6.6000	1.60	10.56	10.56
Disk 2R	6 ft	43	0.570	1.00	Oct	2.89	1.46	0.38	0.54	0.627	4.70				9.97
Disk 2R	6 ft	43	0.570	2.00	Mar	5.79	2.92	0.75	1.07	1.254	9.40				19.94
Hipper-fert 1R 8-24-24	3 ft	23	1.550	1.00	Mar	5.71	2.56	0.91	1.29	1.705	12.79				23.26
Plastic layer	5 ft	23	1.500	1.00	Mar	5.52	2.48	1.26	2.63	4.650	34.88	400.0000	0.13	52.00	52.00
Plastic	roll											2.7000	60.00	162.00	162.00
Mulch plug mix trans Watermelon plants	1 row 100	23	1.000	1.00	Apr	3.68	1.65	1.08	2.82	3.100	23.25				32.48
Trailer utility Other labor	10 ft hour	23	1.000	1.00	Apr	3.68	1.65	0.40	1.43	1.100	8.25	9.0000	15.00	135.00	135.00
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57	1.0000	7.50	7.50	7.50
Sevin	lb											1.0000	4.40	4.40	4.40
Bravo	pt											1.5000	6.38	9.57	9.57
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Benlate	lb											0.5000	15.80	7.90	7.90
Cult-fert 1R	3 ft	23	1.610	1.00	Apr	5.93	2.66	0.57	0.81	1.771	13.28				23.24
Nitrogen	lb											30.0000	0.24	7.20	7.20
Potash	lb											90.0000	0.12	10.80	10.80
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Malathion	pt											2.0000	2.88	5.76	5.76
Bravo	pt											2.5000	6.38	15.95	15.95
Cultivator 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.40	0.57	1.683	12.62				21.76
Boom sprayer	12 ft	23	0.190	1.00	May	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Benlate	lb											0.5000	15.80	7.90	7.90
Other labor	hour			1.00	May							2.0000	7.50	15.00	15.00
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											3.0000	6.38	19.14	19.14
Sevin	lb											1.0000	4.40	4.40	4.40
Trailer utility	10 ft	23	1.000	1.00	Jun	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Harvest labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	½ ton		1.000	1.00	Jun				4.16	3.36	1.000	7.50			15.02
Boom sprayer	12 ft	23	0.190	1.00	Jun	0.70	0.31	0.26	0.28	0.209	1.57				3.12
Bravo	pt											3.0000	6.38	19.14	19.14
Trailer utility	10 ft	23	1.000	1.00	Jun	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Harvest labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	½ ton		1.000	1.00	Jun				4.16	3.36	1.000	7.50			15.02
Trailer utility	10 ft	23	1.000	1.00	Jul	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Harvest labor	hour											10.0000	7.50	75.00	75.00
Pickup truck	½ ton		1.000	1.00	Jul				4.16	3.36	1.000	7.50			15.02
Coulter	1 row	23	1.500	1.00	Aug	5.52	2.48	0.19	0.28	1.650	12.38				20.85
Other labor	hour											17.0000	7.50	127.50	127.50
Trailer utility	10 ft	23	1.000	1.00	Aug	3.68	1.65	0.40	1.43	1.100	8.25				15.41
Pickup truck	½ ton		1.000	1.00	Aug				4.16	3.36	1.000	7.50			15.02
Disk 4R	13.3 ft	68	0.150	1.00	Aug	1.13	0.63	0.43	0.61	0.165	1.24				4.03
TOTALS						75.66	34.58	26.97	34.04	30.725	230.44			921.72	1323.41
INTEREST ON OPERATING CAPITAL															41.34
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1364.76

Table 41.B Summary of estimated costs per acre, Watermelons (early), hybrid, transplants, plastic mulch, one-row equipment, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	80.56	1.0000	80.56	_____
FUNGICIDES	acre	79.60	1.0000	79.60	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	14.56	1.0000	14.56	_____
PLASTIC	acre	162.00	1.0000	162.00	_____
PLANTS	acre	135.00	1.0000	135.00	_____
HARVEST LABOR	acre	300.00	1.0000	300.00	_____
OPERATOR LABOR	hour	7.50	30.7250	230.44	_____
DIESEL FUEL	gal	0.85	5.2470	4.46	_____
GASOLINE	gal	1.10	38.6240	42.49	_____
REPAIR & MAINTENANCE	acre	55.68	1.0000	55.68	_____
INTEREST ON OP. CAP.	acre	41.34	1.0000	41.34	_____
				-----	
TOTAL DIRECT EXPENSES				1296.13	_____
TOTAL FIXED EXPENSES				68.63	_____
				-----	
TOTAL SPECIFIED EXPENSES				1364.76	_____

Table 41.C Effects of yields and prices on net returns per acre above total direct expenses, Watermelons (early), fresh market, one-row equipment, hybrid, transplant, plastic mulch, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

Yield (Cwt)	-----Price Per Cwt-----				
	5.00	5.50	6.00	6.50	7.00
	-----Net Returns Per Acre-----				
260.00	27.87	157.87	287.87	417.87	547.87
280.00	115.87	255.87	395.87	535.87	675.87
300.00	203.87	353.87	503.87	653.87	803.87
320.00	291.87	451.87	611.87	771.87	931.87
340.00	379.87	549.87	719.87	889.87	1059.87

Appendix Table 1. Powered Equipment: estimated performance rate, useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour and per acre Louisiana, 1997.

ITEM NAME	SIZE	PERF RATE	USEFUL LIFE	ANNUAL USE	PURCHASE PRICE	REPAIR COST	FUEL				
							CONS RATE	-DIRECT COST--	--FIXED COST--		
		hrs/ac	years	hours	dollars	percent	/hour	\$/hr	\$/ac	\$/hr	\$/ac
Double hitch	0		10	1000	0	100	0.00	0.00		0.00	
Pickup truck	1/2 ton		5	800	14,500	45	2.50	4.38		3.90	
Small 4-wheel drive	225		16	625	90,000	96	10.80	17.82		13.17	
Tractor 106-130HP	118		16	625	58,000	104	6.80	11.81		8.49	
Tractor 131-155HP	143		16	625	70,000	99	8.10	13.82		10.24	
Tractor 15-30HP	23		16	625	11,300	170	1.60	3.68		1.65	
Tractor 156-180	168		16	625	81,000	95	9.70	15.94		11.85	
Tractor 31-55HP	43		16	625	17,500	159	2.70	5.08		2.56	
Tractor 56-80HP	68		16	625	28,500	138	4.20	7.50		4.17	
Tractor 80-105HP	93		16	625	42,300	108	5.40	9.16		6.19	
Fork lift		1.00	20	350	20,000	50	1.50	3.08	3.08	4.58	4.58
High cycle spray	60 ft	0.03	12	250	55,000	60	2.90	13.47	0.40	24.24	0.73
Pickup truck	1/2 ton	1.00	5	800	12,500	45	2.50	4.16	4.16	3.36	3.36
Truck	1 ton	1.00	10	400	22,000	50	3.00	6.05	6.05	6.89	6.89
Truck	2 ton	1.00	10	400	30,000	50	3.70	7.82	7.82	9.39	9.39
Truck	5 ton	1.00	10	400	37,000	50	5.00	10.13	0.13	11.58	11.58

Appendix Table 2. Other durable inputs: estimated repair cost, fuel consumption rate, direct cost per unit of measure, and fixed cost per unit of measure or per acre Louisiana, 1997.

ITEM NAME	UNIT	REPAIR COST	FUEL		DIRECT COST	----FIXED COST----	
			CONS RATE			\$/U of M	\$/acre
		\$/U of M	/U of M	\$/U of M	\$/U of M	\$/U of M	\$/acre
Backpack sprayer	each	0.000	0.000	0.000			24.00
Bean/pea sheller	acre	3.600	12.750	4.748			7.55
Bulk loader	acre	0.500	1.000	1.350			3.84
Cool pad, greenhouse	hour	10.000	1.000	10.090			350.00
Drip irrigation	acin	1.450	0.000	1.450			26.54
Drip irrigation	each	10.520	7.200	11.168			289.00
Drip irrigation	each	72.500	0.100	72.509			126.00
Dry packing line	acre	1.400	1.150	1.504			8.76
Fan, greenhouse	hour	0.018	1.400	0.144			191.50
Furrow irrigation	acin	2.900	6.000	3.440			55.50
Greenhouse	each	66.850	0.000	66.850			1337.00
Heater, greenhouse	hour	0.070	1.000	0.920			126.00
Irrig. sys. 1 pivot	acin	0.610	2.140	2.429			33.80
Irrig. Sys. 2 pipe	acin	0.590	1.410	1.789			27.70
Irrig. sys. 3 gun	acin	0.970	2.260	2.891			44.00
Irrig. sys. 7 pivot	acin	0.910	2.110	2.704			47.33
Irrig. sys. 8 pipe	acin	13.000	6.630	13.597			23.04
Large wet pack line	acre	2.500	5.000	2.950			15.65
Packing Line	acre	4.850	7.700	5.543			9.11
Plant tie machine	hour	0.000	0.000	0.000	0.100		
Pollinator	hour	0.300	0.000	0.300			20.00
Potato seed cutter	cwt	0.010	0.450	0.051			1.92
Small wet pack line	acre	2.000	5.250	2.473			12.52
Sprinkler irrigation	acin	2.330	19.000	4.040			74.65

Appendix Table 3. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre, Louisiana, 1997.

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent				
Bean harvester 1R	3 ft	1.00	12	150	17,000	85	8.03	8.03	12.49	12.49
Boom sprayer	12 ft	0.19	8	150	1,500	110	1.38	0.26	1.48	0.28
Boom sprayer	20 ft	0.12	8	150	2,000	110	1.83	0.22	1.97	0.24
Bottom plow	6 ft	0.66	10	200	950	88	0.42	0.28	0.59	0.39
Chisel plow	20 ft	0.09	10	200	6,000	88	2.64	0.24	3.76	0.34
Conditioner	20 ft	0.09	6	200	6,500	88	4.77	0.43	6.02	0.54
Conditioner 4R	13.3 ft	0.15	10	200	4,500	88	1.98	0.30	2.82	0.42
Coulter	1 row	1.50	10	200	300	85	0.13	0.19	0.19	0.28
Coulter	4 row	0.14	10	200	1,200	85	0.51	0.07	0.75	0.11
Cult-fert 1R	3 ft	1.61	10	200	800	88	0.35	0.57	0.50	0.81
Cult-fert 2R	6 ft	0.60	10	200	1,500	88	0.66	0.40	0.94	0.56
Cult-post 1R	3 ft	1.83	10	200	900	88	0.40	0.72	0.56	1.03
Cult-post 2R	6 ft	0.69	10	200	1,600	88	0.70	0.49	1.00	0.69
Cultivate + post	20 ft	0.11	10	200	8,000	88	3.52	0.39	5.01	0.55
Cultivator 1R	3 ft	1.53	10	200	600	88	0.26	0.40	0.38	0.57
Cultivator 2R	6 ft	0.57	10	200	1,250	88	0.55	0.31	0.78	0.45
Cultivator 4R	13.3 ft	0.14	10	200	4,000	88	1.76	0.25	2.50	0.35
Cultivator 6R	20 ft	0.10	10	200	6,000	88	2.64	0.26	3.76	0.38
Cultivator, 6r dbl	20 ft	0.20	10	200	9,000	88	3.96	0.79	5.63	1.13
Disk + pre 6R	20 ft	0.10	10	200	15,000	88	6.60	0.66	9.39	0.94
Disk 2R	6 ft	0.57	10	200	1,500	88	0.66	0.38	0.94	0.54
Disk 4R	13.3 ft	0.15	10	200	6,500	88	2.86	0.43	4.07	0.61
Disk 6R	20 ft	0.10	10	200	12,500	88	5.50	0.55	7.83	0.78
Disk-pre-1-2R	6 ft	0.59	10	200	1,900	88	0.84	0.49	1.19	0.70
Ditcher	1.5 ft	0.05	10	100	2,100	88	1.85	0.09	2.63	0.13
Fert-buggy	30 ft	0.06	10	150	5,148	88	3.02	0.18	4.30	0.26
Fert-dist-PTO	20 ft	0.11	10	150	700	88	0.41	0.05	0.58	0.06
Fertilizer app	1 row	0.50	10	150	400	75	0.20	0.10	0.33	0.17
Fertilizer app (R)	20 ft	0.09	10	200	1	0	0.00	0.00	0.00	0.00
Fertilizer buggy	30 ft	0.06	10	150	1	0	0.00	0.00	0.00	0.00
Field cult + pre	20 ft	0.10	10	200	9,000	88	3.96	0.40	5.63	0.56
Field cultivator	20 ft	0.09	10	200	7,000	88	3.08	0.28	4.38	0.39
Gaspardo vac planter	20 ft	0.25	12	150	25,000	85	11.81	2.95	18.37	4.59
Greens harvester	80 inch	1.00	10	200	10,000	88	4.40	4.40	6.26	6.26
Harvest aide	50 ft	1.00	10	200	9,000	88	3.96	3.96	5.63	5.63
Hipper 1R	3 ft	1.53	10	200	750	88	0.33	0.50	0.47	0.72
Hipper 2R	6 ft	0.57	10	200	1,400	88	0.62	0.35	0.88	0.50
Hipper 4R	13.3 ft	0.16	10	200	3,500	88	1.54	0.25	2.19	0.35
Hipper 6R	20 ft	0.09	10	200	5,700	88	2.51	0.23	3.57	0.32
Hipper-fert 1R	3 ft	1.55	10	150	1,000	88	0.59	0.91	0.83	1.29
Hipper-fert 2R	6 ft	0.58	10	200	1,600	88	0.70	0.41	1.00	0.58
Hole puncher	4 row	0.33	10	100	1,000	60	0.60	0.20	1.25	0.41
Hole puncher	4R	0.33	10	100	1,000	60	0.60	0.20	1.25	0.41
Hole Puncher 1R	3 ft	0.75	12	80	300	80	0.25	0.19	0.41	0.31
Injection wheel	1 row	1.00	10	100	2,200	77	1.69	1.69	2.75	2.75
Injection wheel	4 row	0.33	10	100	6,700	88	5.90	1.95	8.39	2.77
Land level	13 ft	0.19	15	200	7,500	66	1.65	0.31	3.57	0.68
Lifter blade	1 row	1.50	10	100	200	60	0.12	0.18	0.25	0.38
Middle buster	4R	0.30	10	200	3,500	88	1.54	0.46	2.19	0.66
Middle buster 1R	3 ft	1.53	10	200	325	88	0.14	0.22	0.20	0.31
Middle buster 2R	6 ft	0.57	10	200	650	88	0.29	0.16	0.41	0.23
Misc. tools	1 ft	0.00	5	200	112	97	0.11	0.00	0.12	0.00

(Continued)

Appendix Table 3. (Continued)

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent				
Moldboard plow 1R	2 ft	1.79	10	200	500	88	0.22	0.39	0.31	0.56
Mulch plug mix trans	1 row	1.00	10	100	2,250	48	1.08	1.08	2.82	2.82
Nurse tank	1000 gal	0.13	12	150	2,700	22	0.33	0.04	1.98	0.26
Plant + pre	20 ft	0.25	8	200	15,500	77	7.46	1.86	11.45	2.86
Plant + Pre 1R	3 ft	1.53	10	200	900	77	0.35	0.53	0.56	0.86
Planter 1R	3 ft	1.50	10	200	600	77	0.23	0.35	0.38	0.56
Planter 2R	6 ft	0.57	10	200	1,250	77	0.48	0.27	0.78	0.45
Planter 6R	20 ft	0.24	10	200	13,500	77	5.20	1.25	8.45	2.03
Plastic + fumigation	5 ft	1.50	10	200	3,500	60	1.05	1.58	2.19	3.29
Plastic layer	5 ft	1.50	10	200	2,800	60	0.84	1.26	1.75	2.63
Potato digger, chain	1 row	1.50	10	100	2,100	88	1.85	2.77	2.63	3.94
Potato digger, chain	2 row	0.66	10	100	3,500	88	3.08	2.03	4.38	2.89
Potato planter	4 row	0.40	12	150	10,000	85	4.72	1.89	7.35	2.94
Precision seeder	4 unit	0.60	10	200	7,500	85	3.19	1.91	4.70	2.82
Precision seeder 2R	2 unit	1.30	10	200	2,600	85	1.11	1.44	1.63	2.12
Riding Harvester, 1R	1 row	2.67	10	300	10,000	88	2.93	7.83	4.17	11.14
Riding harvester, 2R	2 row	2.00	15	300	14,000	88	2.74	5.48	4.44	8.89
Row conditioner 1R	6 ft	0.41	10	200	460	88	0.20	0.08	0.29	0.12
Row shaper	4R	0.30	10	200	2,500	88	1.10	0.33	1.57	0.47
Shredder	13.3 ft	0.13	10	150	6,500	44	1.91	0.25	5.43	0.71
Shredder 1R	5 ft	0.74	10	150	1,200	48	0.38	0.28	1.00	0.74
Shredder 2R	6.7 ft	0.39	10	150	2,500	48	0.80	0.31	2.09	0.81
Spike harrow	18 ft	0.08	10	200	1,500	88	0.66	0.05	0.94	0.08
Trailer	40 ft	1.00	15	200	5,000	88	1.47	1.47	2.38	2.38
Trailer small	8 ft	1.00	15	200	1,800	40	0.24	0.24	0.86	0.86
Trailer utility	10 ft	1.00	15	200	3,000	40	0.40	0.40	1.43	1.43
Transplanter 4R	12 ft	0.60	10	150	5,000	38	1.27	0.76	4.17	2.50
V-Ripper	7 shank	0.17	15	100	3,500	110	2.57	0.44	3.33	0.57
V-Ripper	9-shank	0.13	15	100	4,800	110	3.52	0.46	4.57	0.59
Veg trans model 900	1 row	3.00	10	100	1,750	48	0.84	2.52	2.19	6.57
Veg Transplanter	1 row	4.00	10	200	1,300	48	0.31	1.25	0.81	3.26
Veg. wagon	12 ft	1.00	15	200	7,500	88	2.20	2.20	3.57	3.57
Water trailer	10 ft	1.00	15	100	2,700	35	0.63	0.63	2.57	2.57
Windrower	12.0 ft	0.18	8	80	4,950	121	9.36	1.68	9.14	1.65
Yam seed planter	250 bu	1.00	15	50	6,500	50	4.33	4.33	12.38	12.38

Appendix Table 4. Operating inputs: estimated prices Louisiana, 1997.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
dollars					
FERTILIZER					
10-20-20	lb	0.10	13-13-13	cwt	12.00
13-13-13	lb	0.12	2-13-29	lb	0.80
7-21-21	lb	0.12	8-24-24	lb	0.13
Ammonium Nitrate 33%	lb	0.13	Anhydrous (82%)	lb	0.11
CaNO <sub>3</sub> , regular	lb	0.18	CAN <sub>3</sub> , water sol.	lb	0.35
Fertilizer cart	cwt	0.24	Lime (spread)	cwt	1.60
Nitrogen	lb	0.24	Nitrogen (32%)	lb	0.07
Phosphorus	lb	0.19	Potash	lb	0.12
FUNGICIDES					
Benlate	lb	15.80	Botran	lb	7.25
Bravo	pt	6.38	Captan WP	lb	3.25
Dithane	lb	2.95	Manzate	lb	3.00
Ridomil	lb	21.70	Ridomil + Bravo	lb	15.50
Rovral	pt	19.19	Tribasic Copper	lb	2.55
HERBICIDES					
Atrazine	pt	1.35	Basagran	pt	8.29
Command 4EC	qt	19.68	Crop oil	pt	0.78
Curbit	pt	4.54	Dacthal	lb	7.40
Devrinol	lb	8.00	Dual	pt	7.85
Eptam	pt	3.79	Fusilade 2000	pt	13.89
Goal	pt	8.54	Gramoxone	pt	3.89
Lasso	pt	3.23	Poast	pt	12.56
Prefar	qt	9.63	Princep	lb	2.81
Prowl	pt	3.11	Pursuit	oz	4.98
Roneet	qt	12.50	Roundup	pt	7.73
Sencor 4L	pt	17.73	Surfactant	pt	1.34
Treflan	pt	3.75			
HIRED LABOR					
Blanching labor	hour	7.50	Clean berry plants	hour	7.50
Clip, tie and prune	hour	7.50	Cluster prune	hour	7.50
Contract planting, 1	1000	18.75	Contract planting, 2	1000	12.50
Cut slip labor	hour	7.50	Greenhouse prep.	hour	7.50
Greenhouse tie/prune	hour	7.50	Hoe labor	hour	7.50
Leaf pruning	hour	7.50	Monitor	hour	7.50
Other labor	hour	7.50	Planting labor	hour	7.50
Strip berry labor	hour	7.50	Tomato pollination	each	7.50
INSECTICIDES					
Ambush	pt	13.88	Buffer	pt	2.00
Diazinon 4E	pt	5.49	Dimethoate	pt	3.65
Dipel	pt	3.00	Furadan 4F	qt	16.00
Guthion	pt	3.58	Imodan	lb	4.75
Kelthane	qt	12.13	Lannate	pt	5.80
Lorsban 4E	pt	5.75	Malathion	pt	2.88
Mocap	lb	1.15	Orthene	lb	11.80
Penncap M	pt	2.77	Phosdrin 4EC	pt	11.19
Pounce	pt	21.00	Sevin	lb	4.40
Thiodan	lb	8.00	Thiodan	pt	4.50
PACK & HARVEST ITEMS					
Bushe1 hampers	each	2.16	Flats	each	1.00
Hand carry	each	1.50	harvest container	each	3.00
Harvest crate	each	1.90	Harvest sacks	each	0.55
Ice	cwt	2.35	Lug boxes	100	90.00

(Continued)

Appendix Table 4. (Continued)

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Lug boxes	each	1.20	Lug boxes	each	1.10
Packing boxes	each	1.10	Packing boxes	each	1.10
Packing boxes	each	1.00	Packing boxes	each	1.50
Packing boxes	each	1.19	Packing charge	bu	1.35
Packing crates	each	1.08	Packing sacks	each	0.50
Plastic bag, sealing	each	0.10	Potato bins	each	38.00
Rubber bands	lb	5.00	Vegetable bin	each	40.00
SEED					
Broccoli seed	lb	270.00	Butter bean seed	lb	1.25
Cabbage seed	lb	270.00	Cantaloupe seed	lb	190.00
Cauliflower seed	lb	500.00	Cayenne seed	lb	40.00
Chipping potato seed	cwt	15.00	Collard seed	lb	5.50
Cover crop	acre	57.08	Cucumber seed	lb	50.00
Cucumber seed	lb	20.00	Eggplant seed	lb	275.00
Irish potato seed	cwt	15.00	Jalapeno seed	lb	40.00
Mustard seed	lb	5.00	Okra seed	lb	2.55
Pink banana seed	lb	11.50	Pumpkin seed	lb	30.00
Seed potatoes	bu	7.00	Shallots sets	lb	1.00
Snap bean seeds	lb	1.70	Southern pea seed	lb	1.25
Spinach	lb	8.00	Sweet corn seed	lb	5.00
Sweet potato slips	acre	118.96	Turnip seed	lb	5.00
Watermelon seed	lb	12.50	Yellow squash seed	lb	40.00
STAKES & TWINE					
Poly twine	roll	6.00	Stake replacement	100	15.00
String	lb	2.00	Twine	roll	25.00
PLASTIC					
Drip t-tape	roll	125.00	Lay flat hose	roll	105.00
Plastic	ft	0.03	Plastic	roll	60.00
Poly pipe	acre	4.69			
FUMIGANT					
Methyl bromide	lb	1.20			
PLANTS					
Broccoli plants	100	4.00	Cabbage plants	100	3.60
Cauliflower plants	100	4.00	Eggplant plants	100	4.00
Grow bags	each	1.69	Pepper plants	100	5.75
Strawberry plants	1000	70.00	Tomato plants	100	5.00
Tomato plants	each	0.35	Watermelon plants	100	15.00
CUSTOM					
Bee pollination	hive	250.00	Custom packing	bu	2.85
Custom packing	bu	2.50	Diesel fuel	gallon	0.85
Laying Plastic	roll	9.00	Shade material	gal	20.50
Tape	roll	0.80	Water (from hydrant)	acin	3.25
HARVEST LABOR					
Harvest labor	bu	3.00	Harvest labor	bu	5.00
Harvest labor	bu	1.20	Harvest labor	bu	1.00
Harvest labor	bu	0.70	Harvest Labor	bu	5.00
Harvest labor	bu	8.00	Harvest labor	cwt	8.00
Harvest labor	cwt	2.50	Harvest labor	doz	1.20
Harvest labor	flat	1.25	Harvest labor	hour	7.50
Packing labor	hour	7.50	Washing labor	hour	7.50
FUEL					
Electricity	kwatt	0.09			
OTHER					
Plant clips	box	60.00	Plastic twine	box	18.00
Shade paint	gal	20.00			
ROW COVERS					
Rice bags	100	20.00	Row covers Pro 50	roll	567.00
Row covers TG	roll	400.00			

Appendix Table 5. Estimated resource use and costs per acre for field operations, Potato (Mother-Sweet), one-row equipment, plant 90 acres, production parameters specified by Extension Horticulture Specialist, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						dollars				dollars		dollars				
Disk 2R	6 ft	43	0.570	2.00	Dec	5.79	2.92	0.75	1.07	1.254	9.40					19.94
Fertilizer app 8-24-24	1 row lb	23	0.500	1.00	Feb	1.84	0.83	0.10	0.17	0.550	4.13					7.06
Disk 2R	6 ft	43	0.570	1.00	Feb	2.89	1.46	0.38	0.54	0.627	4.70					9.97
Hipper 1R	3 ft	23	1.530	2.00	Feb	11.26	5.06	1.01	1.44	3.366	25.25					44.01
Middle buster 1R	3 ft	23	1.530	1.00	Feb	5.63	2.53	0.22	0.31	1.683	12.62					21.31
Trailer utility	10 ft	23	1.000	5.00	Feb	18.41	8.27	2.00	7.14	5.500	41.25					77.06
Planting labor	hour			1.00	Feb											262.50
Seed potatoes	bu											900.0000	7.00	6300.00		6300.00
Seed potatoes	bu											450.0000	7.00	3150.00		3150.00
Hipper 1R	3 ft	23	1.530	2.00	Feb	11.26	5.06	1.01	1.44	3.366	25.25					44.01
Ditcher	1.5 ft	23	0.050	1.00	Feb	0.18	0.08	0.09	0.13	0.055	0.41					0.90
Plastic layer	5 ft	23	1.500	1.00	Mar	5.52	2.48	1.26	2.63	4.650	34.88					46.77
Plastic	roll											4.5000	60.00	270.00		270.00
Other labor	hour											3.0000	7.50	22.50		22.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.50	0.72	1.683	12.62					22.01
Other labor	hour			1.00	Mar							6.0000	7.50	45.00		45.00
Cultivator 1R	3 ft	23	1.530	1.00	Mar	5.63	2.53	0.40	0.57	1.683	12.62					21.76
Ditcher	1.5 ft	23	0.050	1.00	Mar	0.18	0.08	0.09	0.13	0.055	0.41					0.90
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57					3.12
Thiodan	lb											1.0000	8.00	8.00		8.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62					21.76
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.18	0.08	0.09	0.13	0.055	0.41					0.90
Boom sprayer	12 ft	23	0.190	1.00	Apr	0.70	0.31	0.26	0.28	0.209	1.57					3.12
Thiodan	lb											1.0000	8.00	8.00		8.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.63	2.53	0.40	0.57	1.683	12.62					21.76
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.18	0.08	0.09	0.13	0.055	0.41					0.90
Shredder 1R	5 ft	23	0.740	1.00	May	2.72	1.22	0.28	0.74	0.814	6.11					11.08
Middle buster 1R	3 ft	23	1.530	1.00	May	5.63	2.53	0.22	0.31	1.683	12.62					21.31
Disk 2R	6 ft	43	0.570	2.00	May	5.79	2.92	0.75	1.07	1.254	9.40					19.94
TOTALS						101.42	46.35	10.59	20.38	32.117	240.88			10131.00	10550.61	
INTEREST ON OPERATING CAPITAL																344.17
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																10894.78