

1980
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SWEET CORN CULTIVARS
Columbus and Fremont, Ohio

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1/81-H-662/500

EVALUATION OF SWEET CORN CULTIVARS - 1980
Columbus and Fremont

William M. Brooks¹, J.M. Pisarczyk², James D. Utzinger¹,
S.F. Gorske¹, Gerald G. Myers¹ and Charles C. Willer³

The 1980 Sweet Corn Cultivar Trials consisted of twenty-eight cultivars which were replicated four times and fifty-seven cultivars in non-replicated single plots.

Corn was seeded on May 20 at Fremont in rows 36" apart with hills spaced 18" apart in the row. Single row plots of 21 hills were 31.5' long. Blocks and tiers of plots were separated by a distance of at least six feet. Guard rows were planted to the north and south sides of rows running east and west at Fremont. All plots were planted by hand jabbers with 4 kernels per hill. Plants were thinned to 2 plants per hill at the 2 to 3 leaf stage.

Prior to planting at Fremont, 15-15-15 fertilizer was broadcast at the rate of 900 pounds per acre. One hundred thirty pounds of 6-24-12 fertilizer was placed in bands at planting. The corn was sidedressed with ammonium nitrate at a rate of 68 lbs. N/acre on June 17. Three quarts of Lasso per acre was used for weed control. Sevin was used for insect control.

The first harvest was made at Fremont on July 21 and the last harvest was made on August 18. ButterVee was the only cultivar harvested on the first harvest in the replicated plots. Calypso, a bicolor, had the highest yield in the replicated plots with 1853 dozen ears/acre. Gold Cup, a standard yellow cultivar, was second highest at 1661 dozen ears/acre and Silver Queen, a standard white cultivar, was third highest at 1604 dozen ears/acre. Other varieties that yielded well included: 1) yellow - Bellegold, Seneca Sentry, Apache, Merit, and Sundance; 2) bicolor - Early Gold & Silver, Sugar Dot, and 3) white - Quicksilver and Earli-queen. (See Table 1.)

In the non-replicated trial the highest yielding cultivars (dozen ears/acre) were NCX 2022 (1959), Banner (1844), Silver Queen (1882), XP-2555W (1729), Flavorvee (1767), and NCX 2026 (1767). Earlivee was first to be harvested, 62 days from planting. (See Table 2).

Listed below are the seed companies who generously supply the seed for these trials without charge:

<u>Code used in tables</u>	<u>Company and Location</u>
1	Stokes Seed, Inc., Box 548, Buffalo, NY 14240
2	Seedway, Inc., Hall, NY 14463
3	Robson Seed Farms, Corp., Hall, NY 14463
4	Joseph Harris Co., Rochester, NY 14624
5	Asgrow Seed Co., Kalamazoo, MI 49001
6	Rogers Bros. Co., Idaho Falls, ID 83401
7	FMC Niagara Corp., El Macero, CA 95618
8	Ferry-Morse Seed Co., Mountain View, CA 94042

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- 1) Mailing address: Department of Horticulture, The Ohio State University, 2001 Fyffe Ct., Columbus, OH 43210.
2) Mailing address: Department of Horticulture, OARDC, Wooster, OH 44691.
3) Manager, Vegetable Crops Branch, Fremont, OH.

1980 Evaluation of Sweet Corn Cultivars - Columbus

The 1980 sweet corn cultivar trials at The Ohio State University Horticultural Farm, 1000 West Lane Avenue, Columbus, consisted of twenty-eight cultivars which were replicated four times and fifty-seven cultivars in non-replicated, single plots.

Corn was seeded on May 27, 1980, in 36" rows with hills spaced 18" apart. Single row plots of 21 hills were 31.5' long. Blocks and tiers of plots were separated by a distance of six feet. Guard rows were planted to the east and west sides of rows running north and south with guard hills across the north and south ends of the entire planting. In addition to the other guard rows, 4 rows of an early maturing and a late maturing cultivar were planted on both the east and west sides of the entire planting of plots to enhance pollination. All plots were planted by hand jabber with 4 kernels per hill. Plants were thinned to 2 plants per hill at the 2 to 3 leaf stage.

Prior to plowing, 15-15-15 fertilizer was applied broadcast at the rate of 1000 pounds per acre. There was also 250 pounds 6-24-12 placed 2 inches to the side and 2 inches below the seed at planting time. The corn was sidedressed with 45 pounds of actual nitrogen per acre when corn was 12-18 inches tall. Ramrod herbicide was applied, immediately after planting, at 5 pounds active ingredient per acre and watered with sprinkler irrigation. No insecticides or fungicides were applied after planting. Most lots of seed had been treated with a fungicide and/or an insecticide. Irrigation was used throughout the season as needed.

The following information on temperature and rainfall was obtained from the official records of the United States Weather Bureau at the Port Columbus International Airport.

<u>Month</u>	<u>Weather Data</u>		
	<u>Average Temperature (°F)</u>	<u>Total Rainfall (inches)</u>	<u>Above or Below Normal (inches)</u>
April	49.5	1.59	2.12
May	62.4	4.56	0.46
June	67.4	5.17	1.04
July	75.9	4.58	0.37
August	75.9	6.26	3.40

The first harvest was made on July 24 and the last harvest was made August 23. Buttervee was harvested on the first day of harvest. The highest yielding cultivar in the replicated plots (Table 3) based on marketable ears harvested per acre were Bellegold, Apache and Gold Winner with over 1700 dozen ears per acre.

Spring Gold and Sundance were the highest producing cultivars in the 69 days to first harvest category this year in Columbus. Silver Queen was the highest producing white kernel cultivar. The Atlantic cultivar had the heaviest unhusked ears in the trial with Seneca Pinto and Gold Lady having the longest husked ears. Bullseye had the largest diameter of the husked ears. Bellringer had the highest percentage of its ears that were marketable.

In the non-replicated plots, Tablevee and Seneca RXP-201 produced over 1900 dozens per acre. XP-2536 BC had the heaviest unhusked ear.

TABLE 1. Replicated Trial: Yield and Other Characteristics of Sweet Corn Cultivars - Fremont - 1980.

Variety and Source ()*	Days to first harvest	Marketable Yield/A			Avg.Wt. mkt.ears unhusked (lbs.)	Avg. lgth.ears husked (in.)	Avg. dia.ears husked (in.)	Ear worms %	smut %	Bird damage %	Color
		dozens of ears	wt. (tons)	per- cent							
Buttervee (1)	66	1181	3.4	93	.48	7.2	1.6	0	0	0	Y
Spring Gold (4)	70	1287	4.3	88	.56	6.8	1.7	3	1	0	Y
Reward (6)	71	1364	5.9	93	.71	7.9	1.9	0	0	0	Y
Sundance (4)	71	1412	5.7	90	.66	7.2	1.5	1	1	0	Y
Seneca Star (3)	72	1373	5.6	95	.68	7.8	1.7	0	3	0	Y
Aztec (5)	72	1373	5.4	93	.65	7.8	1.7	1	0	0	Y
Debut (6)	72	1335	5.1	93	.65	7.4	1.7	0	2	0	Y
Early Gold & Silver (7)	72	1248	4.1	92	.55	8.2	1.6	0	0	0	Bc
Earligem (2)	75	912	2.9	86	.53	7.9	1.5	0	9	0	Y
Bellegold (4)	76	1537	6.2	94	.66	7.5	1.7	0	1	0	Y
Gold Winner (4)	76	1383	5.1	94	.61	7.3	1.5	0	0	0	Y
Bellringer (4)	77	1335	5.6	75	.70	7.2	1.6	0	0	0	Y
Quicksilver (4)	77	1335	5.6	75	.70	7.5	1.8	1	14	0	W
XP2500 (5)	77	1268	5.5	93	.71	8.4	1.7	0	0	0	Y
Early Gold (7)	77	1095	4.5	94	.68	8.2	1.8	0	0	1	Y
Earli-Queen (6)	77	1193	4.0	85	.56	6.8	1.8	0	0	0	W
Sugar Dot (8)	78	1210	4.5	92	.63	7.1	1.7	0	0	0	Bc
Merit (5)	80	1489	6.6	93	.73	8.3	1.8	0	0	0	Y
Apache (5)	80	1489	5.8	92	.65	7.8	1.7	0	1	0	Y
Seneca Raider (3)	80	1210	5.1	92	.70	8.0	1.8	0	1	0	Y
Gold Lady (2)	81	1296	4.7	95	.60	8.4	1.2	0	1	0	Y
Bullseye (8)	81	941	4.4	86	.78	8.0	2.0	0	0	0	Y
Gold Cup (4)	82	1661	5.5	89	.55	7.6	1.6	0	0	0	Y
Calypso (6)	84	1853	7.6	93	.68	8.2	1.9	3	4	0	Bc
Atlantic NCX 2009 (7)	84	1316	6.3	88	.80	8.2	1.9	0	0	0	Y
Seneca Pinto (3)	84	1181	5.4	90	.76	8.8	1.8	0	1	0	Bc
Silver Queen (6)	86	1604	7.4	87	.76	8.0	1.7	0	4	0	W
Seneca Sentry (3)	86	1469	6.3	89	.71	8.1	1.8	0	0	0	Y
RXP 214											

* Cultivars ranked according to days to first harvest (lowest first) and dozens of marketable ears per acre (highest yield) based on ears listed first within maturity. () numbers within bracket refer to seed company supplying seed.

TABLE 2. Non-Replicated Trial: Yield and Other Characteristics of Sweet Corn Cultivars - Fremont - 1980

Variety and Source ()*		Days to first harvest	Marketable Yield/A		Avg.Wt.	Avg.	Avg.	Ear worms %	smut %	Bird damage %	Color	
			dozens of ears	wt. (tons)	per- cent	mkt.ears unhusked (lbs.)	lgth.ears husked (in.)					dia.ears husked (in.)
Earlivee	(1)	62	1076	3.2	88	.48	6.9	1.6	0	0	0	Y
Spring White	(4)	66	1037	3.8	84	.61	6.2	1.7	0	0	0	W
Seneca RXP 278	(3)	69	1460	5.4	96	.61	6.6	1.8	1	1	0	Y
77H99 Exp.	(2)	69	1383	5.3	95	.63	7.2	1.6	0	0	0	Y
Northern Sweet	(1)	69	1344	4.0	83	.48	7.0	1.6	0	3	0	Y
Sprite	(4)	70	1114	3.8	85	.56	7.0	---	0	3	0	Bc
Harmony	(4)	71	1575	8.0	98	.85	7.0	1.7	0	0	0	Bc
Ruby Gem	(2)	71	1306	3.7	92	.46	7.2	1.5	0	3	0	Bc
Goldenvee	(1)	72	1344	4.8	90	.58	7.7	1.8	0	0	0	Y
Morning Sun	(1)	72	1114	4.4	96	.65	8.1	1.7	0	0	0	Y
BVX 809	(4)	76	1690	7.5	95	.73	8.4	1.7	0	1	0	Bc
NCX 2022	(7)	76	1959	7.3	99	.61	7.8	1.7	0	1	0	Y
NCX 2034	(7)	76	1575	6.8	91	.71	7.6	1.8	0	0	0	Y
XP-2547BC	(5)	76	1344	5.9	93	.73	8.3	1.7	0	0	0	Bc
Tablevee	(1)	76	1575	5.9	89	.61	8.2	1.7	0	0	0	Y
Carmelet	(2)	76	1306	5.4	92	.70	8.5	1.8	0	0	0	Y
Starlet	(2)	76	1229	5.3	90	.71	8.4	1.7	0	1	0	Y
XP-2532	(5)	76	1383	4.9	96	.60	7.4	1.7	0	2	0	Y
Comanche	(5)	76	1306	4.5	97	.56	7.6	1.6	0	1	0	Y
Slendergem	(2)	76	1460	4.4	91	.50	8.7	1.3	0	2	0	Y
NCX 2021 (white)	(7)	77	1268	6.2	82	.81	7.7	1.7	0	0	0	W
Burgandy Delight	(2)	77	1383	4.8	87	.58	8.7	1.5	0	0	0	Bc
White Sunglow	(1)	77	1268	3.9	88	.51	6.9	1.6	1	0	0	W
NCX 2029	(7)	78	1613	7.4	93	.76	8.6	1.9	0	0	0	Y
NCX 2026	(7)	78	1767	6.9	91	.65	7.8	1.8	0	0	0	Y
Comet	(5)	78	999	4.4	91	.73	8.8	1.8	0	0	0	Bc
Flavorvee	(1)	80	1767	7.6	97	.71	8.3	1.7	0	0	0	Y
Jubilee	(6)	80	1537	7.4	93	.80	8.7	1.9	0	0	0	Y
XP-2539	(5)	80	1613	7.3	91	.75	8.6	1.8	0	0	0	Y
EXP.HYB.VX 719	(4)	80	1344	6.6	95	.81	8.3	1.8	0	0	0	Y
EXP.HYB.VX 749	(4)	80	1613	6.4	91	.66	9.0	1.6	0	3	0	Y
NCX 2024	(7)	80	1460	6.3	93	.71	8.1	1.8	0	0	0	Y
NCX 2028	(7)	80	1460	6.2	89	.70	8.3	1.8	0	0	0	Bc
EXP.HYB.BVX 819	(4)	80	1575	6.1	99	.63	8.5	1.7	0	0	0	Bc

TABLE 2. Non-Replicated Trial: Yield and Other Characteristics of Sweet Corn Cultivars - Fremont - 1980 (cont.)

Variety and Source ()*		Days to first harvest	Marketable Yield/A		per- cent	Avg.Wt.	Avg.	Avg.	Ear worms %	smut %	Bird damage %	Color
			dozens of ears	wt. (tons)		mkt.ears unhusked (lbs.)	lgth.ears husked (in.)	dia.ears husked (in.)				
Seneca Scout	(3)	80	1652	6.0	93	.60	7.3	1.6	0	0	0	Y
HYB. 207	(4)	80	1498	5.4	94	.60	7.8	1.6	0	0	0	Y
Sweet Sal	(4)	80	1383	5.4	90	.65	8.1	1.7	0	0	0	Bc
XP-2554W	(5)	80	1191	5.1	92	.71	8.5	1.7	0	0	0	W
Symphony	(4)	80	1306	5.0	91	.63	7.5	1.7	0	0	0	Bc
Banner	(6)	81	1844	7.8	94	.70	8.2	1.8	0	0	0	Y
Golden Gleam	(4)	82	1229	5.6	83	.76	8.8	1.7	0	0	0	Y
Kandy Korn EH	(1)	82	1114	4.9	90	.73	8.7	1.8	0	0	0	Y
Lancer	(2)	82	1037	4.7	93	.76	8.4	1.7	0	0	0	Y
Silver Treat	(1)	82	999	4.7	75	.78	8.7	1.9	0	0	0	W
Mellow Yellow	(8)	82	884	3.5	79	.65	8.0	1.9	0	0	0	Y
XP-2536BC	(5)	83	1460	6.7	90	.76	8.5	1.9	0	1	0	Bc
Silver Queen	(4)	84	1882	8.3	93	.73	8.4	1.7	0	1	0	W
XP-2555W	(5)	84	1729	7.9	92	.75	8.7	1.9	0	0	0	Bc
Sweet Sue	(4)	84	1652	7.5	92	.75	8.0	1.8	0	0	0	Bc
Capitan	(5)	84	1383	6.8	90	.81	9.2	1.7	1	0	0	Y
Seneca RXP 201	(3)	84	1498	6.7	94	.75	8.0	1.8	0	0	0	Y
XP-2534BC	(5)	84	1575	6.3	89	.66	8.1	1.6	0	0	0	Bc
XP-2548W	(5)	84	1306	6.1	88	.78	8.8	1.8	0	1	0	W
Seneca RXP 258	(3)	86	1690	7.9	96	.78	8.6	1.8	0	0	0	Y
XP-2513BC	(5)	86	1229	7.2	96	.96	8.8	1.9	0	0	0	Bc
EXP.HYB.BVX 859	(4)	87	1460	7.2	86	.81	9.9	1.9	0	1	0	Bc
EXP.HYB.BVX 849	(4)	87	1268	6.7	91	.88	10.0	1.9	0	0	0	Bc

* Cultivars ranked according to days to first harvest (lowest first) and dozens of marketable ears per acre (highest yield) based on ears listed first within maturity. () numbers within bracket refers to seed company supplying seed.

TABLE 3. Replicated Trial: Yield and other characteristics of sweet corn cultivars - Columbus - 1980.

Variety & Source	()*	Days to first harvest	Marketable Yield/A		per-cent	Avg. Wt.	Avg.	Avg.	Ear worms %	Smut %	Bird damage %	Kernel color
			doz/A	ton/A		mkt.ears unhusked (lbs.)	lgth.ears husked (in.)	dia.ears husked (in.)				
Buttervee	(1)	58	1056	3.01	64	.47	7.5	1.5	20.7	0.0	4.7	Y
Spring Gold	(4)	69	1338	4.62	75	.58	7.5	1.8	6.8	0.4	0.0	Y
Sundance	(4)	69	1315	5.02	55	.64	7.6	1.7	18.4	0.4	2.8	Y
Reward	(6)	69	1266	5.88	73	.77	8.3	1.7	9.0	2.3	0.4	Y
Aztec	(5)	69	1133	4.17	62	.61	8.2	1.7	14.0	0.0	0.0	Y
Seneca Star	(3)	69	1056	4.52	66	.71	8.1	1.7	11.2	0.9	4.9	Y
Early Gold & Silver	(7)	69	733	2.09	39	.48	8.4	1.6	17.4	0.0	0.4	Bc
Earligem	(2)	69	500	1.38	34	.46	7.9	1.5	19.8	1.6	6.3	Y
Debut	(6)	69	244	1.26	24	.92	5.5	1.3	50.7	2.6	4.6	Y
Bellegold	(4)	72	1841	6.80	76	.62	7.5	1.7	7.0	0.0	1.0	Y
Early Gold	(7)	72	1312	5.01	75	.64	8.0	1.7	5.2	0.8	4.4	Y
Bellringer	(4)	73	1642	6.68	88	.67	7.5	1.5	0.9	0.0	0.9	Y
Gold Winner	(4)	75	1706	6.66	81	.65	7.4	1.5	1.1	0.0	0.0	Y
Gold Cup	(4)	79	1280	5.68	65	.74	7.5	1.9	10.5	0.4	9.7	Y
Atlantic	(7)	79	1061	5.82	59	1.00	8.5	2.0	16.9	0.0	2.4	Y
Seneca Raider	(3)	79	1037	5.32	62	.85	8.0	2.0	14.2	0.0	5.4	Y
Seneca Pinto	(3)	79	980	4.30	54	.73	8.7	1.9	14.2	1.3	6.0	Bc
XP 2500	(5)	79	864	4.18	57	.81	8.6	1.8	22.2	1.0	10.8	Y
Apache	(5)	83	1758	8.05	79	.76	1.7	1.7	6.0	0.0	2.7	Y
Seneca Sentry	(3)	83	1343	6.30	58	.78	8.2	1.7	4.4	0.0	0.0	Y
Merit	(5)	83	883	4.30	55	.92	8.1	2.0	14.5	1.0	7.0	Y
Earli-Queen	(6)	83	751	2.93	42	.65	6.5	1.9	22.5	0.0	13.3	W
Bullseye	(8)	83	221	1.12	14	.84	7.9	2.1	31.8	1.2	17.9	Y
Calypso	(6)	83	10	0.01	1	.61	7.9	1.9	6.6	0.7	68.2	Bc
Silver Queen	(6)	85	1248	5.64	63	.75	7.6	1.4	9.3	1.5	2.3	W
Quick Silver	(4)	85	880	3.77	44	.71	7.8	2.0	14.2	0.0	10.0	W
Gold Lady	(2)	85	276	1.01	16	.61	8.7	1.5	35.4	0.9	18.9	Y
Sugar Dot	(8)	85	163	0.50	8	.51	4.2	1.1	21.3	0.0	35.8	Bc
LSD			177	0.71	6.2							

*Cultivars ranked according to days to first harvest (lowest first) and dozens of marketable ears per acre (highest yield) based on ears listed first within maturity. () numbers within bracket refers to seed company supplying seed.

TABLE 4. Non-Replicated Trial: Yield and other characteristics of sweet corn cultivars - Columbus - 1980

Variety & Source	()*	Days to first harvest	Marketable Yield/A			Avg. Wt. mkt.ears unhusked (lbs.)	Avg. lgth.ears husked (in.)	Avg. dia.ears husked (in.)	Ear worms %	Smut %	Bird damage %	Kernel color
			doz/A	ton/A	per-cent							
Earlivee	(1)	63	1218	4.10	77	.53	7.2	1.7	5.0	0.0	1.7	Y
Seneca RXP 278	(3)	63	999	4.19	78	.54	7.5	1.8	0.0	0.0	9.8	Y
Northern Sweet	(1)	63	499	1.30	17	.76	7.0	1.5	34.9	8.4	19.3	Y
Harmony	(4)	65	1421	6.80	87	.79	7.9	1.9	3.1	1.6	0.0	Bc
Morning Sun	(1)	65	1229	4.88	68	.72	7.0	1.6	11.9	4.5	0.0	Y
77H99 Exp.	(2)	65	1229	4.49	84	.53	7.4	1.6	8.9	2.2	0.0	Y
142 Sprite	(4)	65	1125	4.15	60	.69	6.4	1.8	0.0	0.0	1.6	Bc
Carmelet	(2)	65	1075	4.26	77	.55	9.4	1.8	13.3	2.2	0.0	Y
139 Spring White	(4)	65	269	.92	14	.34	4.5	1.2	12.5	1.8	30.4	W
NCX 2026	(7)	69	1075	4.99	54	.74	8.8	1.8	16.4	0.0	1.5	Y
Tablevee	(1)	69	1921	6.64	84	.79	8.2	1.6	0.0	0.0	0.0	Y
Comanche	(5)	69	1652	5.99	72	.84	7.8	1.6	15.1	2.7	1.4	Y
Goldenvee	(1)	69	1383	5.25	87	.60	7.7	1.7	2.3	0.0	0.0	Y
White Sunglow	(1)	69	1125	3.06	71	.43	7.7	1.6	0.0	0.0	5.4	W
NCX 2034	(7)	69	1075	4.08	61	.67	7.9	1.7	19.4	0.0	0.0	Y
NCX 2022	(7)	69	1075	4.06	58	.70	7.9	1.7	27.3	1.5	1.5	Y
Ruby Gem	(2)	69	361	.92	27	.34	6.0	1.3	30.3	4.7	4.7	Bc
Burgandy Delight	(2)	70	1613	4.84	90	.54	8.1	1.4	4.1	0.0	0.0	Bc
Exp.Hyb. VX 719	(4)	70	1529	6.54	96	.68	8.4	1.6	0.0	0.0	2.1	Y
NCX 2021	(7)	70	1498	4.15	62	.67	7.8	1.3	11.5	0.0	9.9	W
Slendergem	(2)	70	1114	5.80	11	.52	8.8	1.4	26.1	2.2	7.6	Y
Starlet	(2)	70	960	3.55	72	.49	9.0	1.8	11.6	0.0	7.0	Y
NCX 2028	(7)	70	845	3.34	44	.75	8.6	1.6	24.2	0.0	6.1	Bc
Kandy Korn EH	(1)	70	730	2.53	33	.77	8.3	1.6	36.4	0.0	13.0	Y
BVX 809	(4)	70	499	1.89	22	.85	8.6	1.5	37.3	0.0	11.9	Bc
Seneca RXP 201	(3)	73	1959	6.45	70	.92	8.0	1.5	9.2	0.0	2.3	Y
124 Sweet Sal	(4)	73	1567	6.70	80	.84	8.1	1.6	1.5	0.0	1.5	Bc
111 Golden Gleam	(4)	73	1229	4.98	54	.92	8.3	1.6	13.3	0.0	2.4	Y
Mellow Yellow	(8)	73	1045	3.80	63	.60	7.8	1.6	8.7	1.7	3.5	Y
XP 2532	(5)	73	999	4.32	89	.49	8.0	1.8	14.3	0.0	2.4	Y
XP 2539	(5)	73	964	4.35	53	.82	9.0	1.6	23.1	1.6	6.6	Y
Lancer	(2)	73	883	3.69	74	.50	8.6	1.6	30.6	0.0	0.0	Y
XP 2554W	(5)	74	1613	6.82	71	.97	9.2	1.6	11.3	0.0	8.8	W
XP 2536 BC	(5)	74	1344	6.45	60	1.08	8.9	1.6	14.1	0.0	0.0	Bc

TABLE 4. Non-Replicated Trial: Yield and other characteristics of sweet corn cultivars - Columbus - 1980 (cont.)

Variety & Source	()*	Days to first harvest	Marketable Yield/A			Avg. Wt.	Avg.	Avg.	Ear	Bird		Kernel color
			doz/A	ton/A	per-cent	mkt.ears unhusked (lbs.)	lgth.ears husked (in.)	dia.ears husked (in.)	worms %	Smut %	damage %	
Hyb. 207	(4)	75	964	3.64	49	.74	8.2	1.5	36.0	0.0	6.0	Y
XP 2547 BC	(5)	75	672	2.77	57	.49	8.2	1.6	20.4	0.0	0.0	Bc
Silver Treat	(1)	80	280	1.20	18	.65	8.3	1.9	28.1	0.0	7.5	W
Jubilee	(6)	81	768	3.23	54	.59	8.3	1.6	21.2	0.0	3.8	Y
Seneca Scout	(3)	82	1229	6.31	61	1.03	7.7	1.8	9.9	0.0	6.2	Y
NCX 2029	(7)	82	1114	6.24	75	.83	8.8	2.0	6.0	0.0	6.0	Y
XP 2548 W	(5)	82	1114	7.56	69	1.10	9.8	1.6	5.8	0.0	0.0	W
134 Silver Queen	(4)	82	1075	5.48	62	.88	7.8	1.8	17.6	0.0	0.0	W
Seneca RXP-258	(3)	82	384	2.00	22	.92	8.0	1.9	38.3	0.0	29.8	Y
XP 2534 BC	(5)	83	1767	8.04	68	1.18	7.5	1.7	10.7	0.0	0.0	Bc
Banner	(6)	83	280	1.01	11	.90	7.3	1.8	21.0	0.0	35.4	Y
Symphony	(4)	83	121	3.94	41	.96	7.3	2.0	48.7	3.7	15.0	Bc
143 Sweet Sue	(4)	84	1037	5.11	61	.83	8.3	1.8	5.9	0.0	15.7	Bc
Flavorvee	(1)	85	1306	7.03	79	.89	6.9	2.0	11.3	1.9	1.9	Y
Exp. Hyb. BVX 819	(4)	85	1191	6.80	71	.95	9.2	2.0	6.6	0.0	9.8	Y
Comet	(5)	85	1075	4.19	50	.83	1.7	8.6	31.1	0.0	0.0	W
Capitan	(5)	85	1006	5.67	59	.97	9.2	1.7	15.1	0.0	8.4	Y
XP 2513 BC	(5)	85	922	6.08	63	.97	9.2	1.9	14.0	0.0	2.0	Bc
Hyb. BVX 849	(4)	85	845	4.58	55	.83	9.3	1.8	9.0	1.8	10.8	Bc
XP 2555 W	(5)	85	722	3.99	38	1.06	8.6	1.9	18.2	0.0	3.6	W
Exp. Hyb. VX 749	(4)	85	603	2.60	27	.97	8.8	1.9	7.9	0.0	43.2	Y
Exp. Hyb. BVX 859	(4)	85	499	2.63	32	.83	10.2	1.9	14.8	1.9	31.5	Bc
NCX 2024	(7)	88	1344	5.67	72	.79	8.1	1.7	7.4	1.5	1.5	Y

LSD

* Cultivars ranked according to days to first harvest (lowest first) and dozens of marketable ears per acre (highest yield) based on ears listed first within maturity. () numbers within bracket refers to seed company supplying seed.

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