

**SWEET CORN
TRIALS
VINELAND
1971**

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1 November 1971

SWEET CORN TRIALS - 1971

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During 1971, 37 commercial cultivars, 28 experimental hybrids submitted for trial and 641 experimental hybrids produced at this Institute, were tested. Of the experimental hybrids produced at this Institute, only a few of the most promising are reported here. In addition to the trials reported here, coordinated trials of 25 cultivars were conducted at Vineland, Bradford and New Liskeard. A report on these has been issued separately.

The trial plots were on sandy loam soil. The seed was sown May 13 - 14 in rows 3 ft apart. There were 2 replications 20 ft long. The records given are the average of the two replications. Early weed growth was controlled by sutan, followed by atrazine plus oil. Germination and early growth were satisfactory. Where possible, the seedlings were thinned to stand approximately 9 inches apart. This gave 27 plants per plot. The stand is recorded as poor if less than 25 plants.

Tillers are the number of side-shoots per plant at ear height at harvest time. Five ears of each cultivar were bagged at Vineland and allowed to mature for records on the dry ears. The remaining marketable ears were harvested, counted, weighed and evaluated for husk characteristics. A ten-ear sample was then husked and examined. In the accompanying table, the number of rows is recorded, the most prevalent being listed first. Seedling vigor, ease of snapping, husk appearance, tip cover, flavor, tenderness, filling of the ear to the tip, color of internal silks, husked appearance, freezing quality, and general rating were all given values of 1 - 5. In each case, the low rating is undesirable and the high desirable. The ratings indicate the writers' opinion of the value of the cultivars for fresh market. Ratings were made without knowledge of the cultivar name. Flavor and tenderness were determined by tasting the raw corn. The general rating is based chiefly on ear and kernel characteristics. It does not include seedling vigor, plant type, or production.

Season of maturity is recorded in available corn heat-units to half-silk at Vineland. This is about 500 units before market maturity. Those hybrids that had 1250 heat-units to half-silk, were harvested 80 days after planting.



Those cultivars which showed promise of having satisfactory freezing quality in past years, or were so recommended by their originators, were frozen by Mrs. F. Cook and staff at the Horticultural Products Laboratory both as whole ear (cob) and as whole kernel (cut). Quality evaluation as determined by a taste panel is given in Table III. Cultivars are listed in order of preference of the cut kernel pack.

It should be noted that this report is for the trials in 1971 only and is based on minimum samples from two replications. The performance of these cultivars should be compared for several years before final conclusions are drawn.

Tendervee - tested as VH641 - is being introduced and is available from commercial sources. A limited amount of seed of the following experimental hybrids is available from H.R.I.O.: VH 652, VH 691, VH 701, VH 702.

Seed was kindly supplied by the following sources:

<u>Source No.</u>	<u>Source</u>
1	Asgrow Seed Company, Orange, Connecticut 06477, U.S.A.
2	Charter Seed Company, P.O. Box Y, Twin Falls, Idaho 83301, U.S.A.
3	Ferry-Morse Seed Co., Mountainview, California 94040, U.S.A.
4	Harris Seeds of Canada Ltd., Route 6 (Millgrove) R.R.2, Hamilton, Ont.
5	Horticultural Research Inst. of Ontario, Vineland Station, Ont.
6	Keystone Seed Company, PO Box 1438, Hollister, California 95023, U.S.A.
7	University of Minnesota, Horticultural Centre, 3755 Jean Duluth Rd., Duluth, Minnesota 55804, U.S.A.
8	Northrup King & Co., PO Box 959, Minneapolis 13, Minnesota 55440, U.S.A.
9	O & G Seed Company, Box 787, Caldwell, Idaho 83605, U.S.A.
10	Robson Seed Farms, Hall, New York 14463, U.S.A.
11	Rogers Brothers Company, PO Box 2188, Idaho Falls, Idaho 83401, U.S.A.
12	Alex M. Stewart & Son Ltd., Ailsa Craig, Ontario
13	Stokes Seeds Ltd., PO Box 10, St. Catharines, Ontario

SWEET CORN TRIALS - VINELAND - 1971

Cultivar and Lot	Seed Source	Heat Units to Half-silk	Seedling Vigor	Tillers/Plant	Ease of snapping 1 - 5	Tip Cover 1 - 5	Husk Color 1 - 5	Color Internal silk 1 - 5	Ear length inches	Ear filling 1 - 5	Husked Appearance 1 - 5	Kernel size (MM x 10)			Flavor 1 - 5	Tenderness 1 - 5	Wt/ear (lbs)	Ears/plant	Dozen/Acre	General Rating 1 - 5	Remarks
												Deep	Wide	Thick							
Polarvee	5 1025	3.1	0.9	4.0	3.1	2.5	3.3	7.00	3.0	2.1	12 14 --	94	90	45	2.8	2.3	0.62	0.9	1704	3.3	Sunscald, side ears
Polarvee	13 1055	2.8	0.9	4.0	4.0	2.7	3.3	6.75	3.0	2.1	12 14 10	93	85	42	3.0	2.8	0.63	0.9	1602	3.3	Sunscald, side ears
62-4-10-10	5(7) 1085	3.0	1.2	4.5	2.0	2.8	4.0	6.25	2.8	2.0	12 14 10	93	90	40	3.0	2.5	0.72	0.8	1466	2.5	Smut, side ears, variable
VH 691	5 1085	3.3	0.2	5.0	2.8	3.0	3.8	7.50	4.5	3.5	12 14 --	107	97	42	3.5	3.3	0.73	1.0	1841	3.7	Sl. sunscald
Buttervee	5 1141	3.0	1.0	5.0	1.0	3.8	4.0	7.75	4.3	3.3	12 14 16	103	98	48	3.0	4.5	0.75	1.0	1772	3.3	Pale kernels
Sunnyvee	5 1141	3.8	0.8	5.0	3.1	3.1	4.0	8.00	3.6	2.5	10 12 --	105	103	48	3.0	3.0	0.75	1.0	1909	2.5	Side ears
Spring White 3454	4 1141	3.3	0.8	5.0	2.8	4.0	3.8	7.37	5.0	3.8	14 12 16	117	89	36	3.3	3.0	0.73	1.2	2147	3.3	Lodging
Buttervee	12 1173	2.5	0.9	5.0	1.1	3.1	4.0	8.12	3.8	3.3	12 14 16	102	98	45	3.0	4.1	0.74	0.9	1738	3.3	Sl. bird damage
Seneca Explorer 1270	10 1173	2.8	1.5	5.0	3.0	3.6	4.0	7.62	3.6	3.0	12 14 10	98	88	39	3.0	2.8	0.73	0.9	1738	3.0	
Gardentreat	13 1173	2.8	1.4	4.5	1.0	3.3	3.8	7.12	3.3	3.1	12 14 10	99	99	37	3.3	3.1	0.58	1.0	1841	3.1	Lodging, side ears
Sunnyvee	12 1173	2.7	0.8	5.0	3.0	2.8	4.0	7.75	3.1	2.3	12 10 14	101	100	43	2.7	3.0	0.81	0.9	1738	2.6	Crisp kernels
Seneca XP175 67-106/22	10 1199	3.5	0.6	4.8	1.6	3.1	4.0	8.00	3.8	3.1	16 14 12	110	88	46	2.7	2.8	0.71	1.0	1841	3.0	
Seneca XP180	10 1228	3.6	1.0	5.0	1.3	3.0	4.0	7.62	3.5	2.8	16 14 12	115	89	41	2.8	3.8	0.63	0.9	1738	3.0	
Spring Gold	4 1250	3.1	1.2	4.5	3.1	3.1	3.8	7.62	4.5	3.1	14 12 16	94	87	45	3.3	3.0	0.68	1.0	1841	3.3	
Morning Sun 354/N41	8 1250	3.0	1.1	3.6	2.0	2.5	3.0	8.62	3.0	2.8	12 14 16	124	95	41	3.0	2.6	0.88	0.9	1670	2.7	
Sunburst Improved 371/N20	8 1250	3.6	0.7	4.0	3.0	3.0	4.0	9.00	3.1	2.8	12 14 16	117	90	43	3.0	2.6	1.12	1.0	1772	3.0	Long shanks
Earlibelle	4 1250	3.0	0.9	3.0	1.0	2.8	3.1	8.12	3.3	3.0	16 12 14	112	93	44	2.8	2.1	0.69	1.2	2215	2.5	Sl. bird damage, curved ear
Queen Anne 363/N11	8 1250	3.5	0.8	3.1	1.6	3.1	4.0	8.00	3.1	3.1	12 14 --	114	101	40	2.8	2.3	0.66	1.3	2318	2.6	
Table Delight 2072	9 1276	2.8	1.2	4.5	2.3	3.1	4.0	9.00	3.0	2.8	12 10 --	100	97	45	3.1	3.3	0.70	1.2	2011	3.0	Poor stand
Bravo 63534-F40	1 1276	3.8	1.1	5.0	3.1	2.1	4.0	7.50	3.3	3.1	16 18 20	97	81	44	2.7	2.8	0.76	1.1	2045	2.5	side ears, sl. bird damage
VH 701	5 1276	3.0	1.5	5.0	3.0	3.1	4.0	7.87	3.3	3.1	14 12 --	109	94	47	3.3	3.1	0.71	0.9	1636	3.1	
69-1689 ST 09628	11 1276	3.6	1.0	4.3	2.0	3.8	4.0	8.37	3.3	3.1	16 14 18	116	93	40	2.7	2.6	0.82	1.1	1875	2.8	
Summertreat	13 1300	3.0	1.7	5.0	2.8	2.5	4.0	8.00	3.6	3.1	12 14 10	115	99	42	3.1	3.6	0.73	1.2	2147	2.8	Sl. smut, Sl. bird damage
Imperial 346/N4	8 1324	2.1	0.5	4.5	3.0	3.1	3.8	8.50	3.1	3.0	12 14 --	115	87	40	3.0	2.7	0.66	1.0	1909	2.8	Sl. lodging, long shank
Tendervee (VH 641)	5 1324	2.1	1.5	4.6	2.0	2.7	3.3	7.75	3.0	2.6	12 14 --	113	92	38	3.1	3.5	0.56	1.1	1807	3.1	Sl. smut, bird damage

68-1763 ST 08087	11	1324	3.1	1.5	5.0	2.1	2.7	3.7	9.00	3.1	2.4	14	16	18	111	93	38	2.3	2.1	0.73	1.4	2522	2.3	Twisted rows
Northern Belle	4	1352	2.6	0.6	4.5	2.5	2.6	3.3	8.25	3.3	2.5	16	14	12	112	85	44	2.3	2.0	0.83	1.0	1909	2.1	Severe bird damage
Yukon 374/N4	8	1352	2.6	0.8	4.0	2.8	3.1	4.0	9.25	3.0	3.0	14	16	12	120	78	42	2.8	2.8	0.85	1.3	2318	2.8	Bird damage, curved ears, long shank
69-2251 ST 08100	11	1372	3.0	0.9	4.5	2.2	2.5	3.8	7.75	4.0	3.0	16	18	20	117	82	36	3.0	3.0	0.71	1.2	2181	2.7	Some bird damage
Experimental 6617 353/696	8	1392	3.3	0.7	5.0	1.8	2.3	3.7	8.75	2.6	2.3	20	18	16	129	79	39	2.8	2.3	0.89	0.9	1670	2.1	Severe lodging, severe bird damage, long shank
VH 694	5	1392	3.1	1.4	3.8	3.1	2.6	3.7	8.50	3.0	2.6	12	14	--	120	93	37	3.1	3.3	0.78	0.9	1738	3.0	long shank, bird damage, sunscald
VH 692	5	1412	1.6	1.9	4.5	4.1	3.6	4.0	7.87	3.1	2.3	12	14	16	102	85	42	3.0	2.8	0.68	1.2	1089	2.7	long shank, poor stand
VH 702	5	1412	3.0	1.1	3.1	3.1	3.8	4.0	8.25	3.3	3.1	14	16	12	110	88	36	3.3	3.1	0.82	1.2	2215	3.5	long shank
Seneca 110 1711	10	1412	3.5	0.7	4.0	2.8	2.8	4.0	8.50	4.0	2.5	14	12	16	112	85	40	3.0	2.8	0.73	1.2	2147	2.5	Aphids, narrow cob
Northern Belle L.	4	1434	2.8	1.0	4.3	3.6	2.7	4.0	7.37	3.8	2.3	16	18	14	108	84	42	2.3	1.9	0.87	1.2	2147	2.1	Bird damage
VH 693	5	1457	2.0	2.2	4.5	3.1	2.6	3.7	8.00	3.0	3.1	12	14	16	122	96	38	3.3	3.1	0.74	1.5	1190	2.8	Sunscald, poor stand, Sl. bird damage
VH 652	5	1457	2.8	1.2	2.8	4.1	3.0	4.0	7.62	3.0	2.8	12	14	16	117	92	44	3.0	3.0	0.72	1.2	2318	3.0	Some smut, long shank
Tastyvee	5	1457	2.7	1.9	4.5	2.5	2.7	3.5	7.50	3.3	3.0	12	14	--	108	92	34	3.5	3.5	0.59	1.2	2250	3.1	Severe bird damage
Tastyvee	10	1485	2.0	1.8	5.0	2.7	2.3	3.7	7.87	3.0	2.6	12	14	--	112	102	37	3.0	3.1	0.54	1.4	2653	3.0	Some bird damage, side ears
VH 695	5	1485	2.0	1.5	4.5	3.8	3.0	3.7	7.75	3.3	2.1	14	16	12	116	90	42	2.6	2.5	0.78	1.3	2113	2.5	Some bird damage, poor stand
67-2750 ST 08079	11	1485	2.1	1.2	4.0	3.0	2.5	3.8	7.50	2.8	2.3	16	18	14	119	91	36	2.5	2.3	0.72	1.2	2045	2.1	Smut, severe bird dam.
Marketvee	5	1485	1.8	2.0	4.5	2.0	3.0	3.8	9.62	3.6	3.0	16	14	12	120	91	40	2.6	2.8	0.90	1.3	920	2.8	Long shank, sunscald, Poor stand, bird dam.
64-2454 ST 88076	11	1485	2.8	1.4	3.5	2.5	2.7	4.0	8.25	3.0	2.5	16	18	14	105	76	39	3.0	2.5	0.73	1.1	2352	2.5	Bird damage, smut
58-1804C ST 78045	11	1485	2.3	1.1	5.0	2.5	2.7	4.0	7.87	3.8	3.0	16	14	--	135	85	38	2.8	3.1	0.75	1.2	2250	3.0	
Gusto 83513-F40	1	1485	2.8	0.4	4.0	2.8	2.8	3.5	7.62	4.6	2.1	16	18	14	126	89	48	2.3	1.3	0.85	0.8	1534	1.8	Bird damage, curved shank
Early Dominator ST8808	11	1517	2.5	1.0	4.8	2.7	2.5	3.8	8.37	3.1	1.8	16	14	12	120	84	40	2.5	2.1	0.87	0.9	1670	2.0	Sl. smut, bird damage
Supergold 2071	9	1517	2.5	1.1	4.5	1.6	2.5	3.3	7.75	3.8	3.1	16	18	14	119	87	35	2.5	3.0	0.75	1.0	1909	2.8	Severe bird damage
Tastyvee	12	1517	1.6	1.6	4.5	2.5	2.5	3.5	7.25	3.0	2.5	12	14	16	116	98	33	3.6	3.3	0.59	1.1	1977	3.1	Bird damage, side ears
70-2109 ST 08122	11	1517	2.8	1.5	4.0	1.1	2.8	3.8	7.87	3.5	3.0	18	16	20	126	79	32	2.3	2.5	0.89	0.9	1670	2.5	Sl. bird damage
Seneca Scout	10	1517	2.8	0.8	4.5	2.8	3.1	3.8	7.75	3.5	2.6	16	14	18	128	87	42	2.3	2.1	0.81	1.4	2386	2.1	Long shank, bird damage

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Cultivar and Lot	Seed Source	Heat Units to Half-silk	Seedling Vigor	Tillers/Plant	Ease of snapping 1 - 5	Tip Cover 1 - 5	Husk Color 1 - 5	Color Internal silk 1 - 5	Ear length inches	Ear filling 1 - 5	Husked Appearance 1 - 5	Row Number			Kernel size (MM x 10)			Flavor 1 - 5	Tenderness 1 - 5	Wt/ear (lbs)	Ears/plant	Dozen/Acre	General Rating 1 - 5	Remarks
												Deep	Wide	Thick	Deep	Wide	Thick							
XP 1279 ST.No.F69160F	1 1543	3.1	0.4	4.5	2.0	2.8	3.8	8.25	3.6	2.8	14	16	12	107	82	40	2.5	2.8	0.68	0.9	1602	2.7	Bird damage	
Bonanza 90101-13217	3 1543	2.7	0.6	5.0	3.0	3.0	3.5	8.37	3.1	2.8	16	18	20	130	77	40	2.1	3.0	0.86	0.9	1704	2.6	Severe bird damage	
Jubilee ST 08040	11 1543	3.0	1.1	5.0	1.0	3.0	3.8	8.00	3.0	2.5	18	16	20	123	72	36	2.6	2.7	0.72	1.0	1841	2.7	Severe bird damage, aphids	
Pacer 83550-F40	1 1543	2.7	0.8	5.0	3.0	3.0	4.0	7.87	3.0	2.7	16	18	20	124	82	37	2.3	2.8	0.73	0.8	1397	2.3	Bird damage	
Seneca Chief	10 1543	3.0	1.5	5.0	2.6	3.1	4.0	8.75	3.2	2.8	12	14	16	118	90	33	2.7	2.7	0.72	1.0	1841	2.8	Some smut	
Defender	13 1543	2.1	0.7	5.0	3.1	3.0	3.8	8.00	3.0	2.1	18	20	16	136	81	38	2.5	2.3	0.94	0.9	1431	2.3	Poor stand	
67-3248 ST 08080	11 1571	2.3	0.7	4.5	1.6	2.8	3.8	7.75	3.0	3.1	16	18	20	131	86	39	2.6	2.3	0.83	0.8	1466	2.5	Aphids, bird damage	
XP 358 M7025-F40	1 1571	2.5	0.4	5.0	2.6	3.1	2.8	7.75	4.6	3.1	16	18	14	130	75	42	2.3	2.0	0.77	1.2	2250	2.3		
Code 501 1-0113	2 1571	2.3	0.7	4.5	2.5	2.7	4.0	7.62	3.3	3.1	20	18	16	133	83	38	3.0	2.8	0.87	1.0	1841	2.8	Long shank	
Gold Cup	4 1571	2.3	0.5	4.6	2.7	3.0	3.0	7.25	3.7	2.5	16	14	12	123	84	46	2.0	2.0	0.70	1.1	1875	2.0	Bird damage	
Golden Jubilee	13 1571	2.1	0.9	4.5	1.0	2.7	3.8	8.37	3.3	3.0	16	18	20	124	71	36	3.0	3.0	0.76	1.0	1875	2.8		
Golden Sampson 1-9767	2 1571	2.3	0.8	4.5	1.5	2.6	4.0	8.25	3.8	2.8	18	20	16	139	76	40	1.9	2.8	0.89	0.8	1329	2.0		
Everyyoung 2086	9 1571	2.1	1.0	4.5	1.5	2.7	4.0	7.87	3.0	2.8	20	18	16	138	78	36	2.5	3.0	0.77	1.1	2011	2.7	Bird damage, long shank	
Marketvee	13 1571	1.5	1.4	4.5	2.5	3.0	3.6	9.25	3.1	3.1	16	14	18	117	87	41	2.7	3.0	0.89	0.8	817	3.0	Bird damage, tassel tips, poor stand, sunscald	
Tenderchoice 1001	9 1571	2.3	1.1	4.3	2.3	2.8	3.8	8.00	3.0	2.5	18	20	16	135	73	35	2.8	2.6	0.82	1.3	2113	2.6	Long shanks, variable, poor stand	
Sunshine State	6 1571	2.3	0.9	5.0	1.3	3.0	3.6	8.00	3.6	2.8	16	18	20	110	80	38	2.3	2.3	0.85	0.8	1431	2.3	Long shank, sunscald	
Code 556 1-0086	2 1601	1.3	0.6	4.5	1.5	2.3	4.0	8.37	3.1	2.8	16	18	20	136	80	37	3.0	3.0	0.77	0.9	1363	2.8	Tight husk, poor stand	
Buttersweet	6 1601	2.3	1.0	4.5	1.1	3.0	3.6	8.25	3.1	2.8	18	20	16	130	71	39	3.0	2.3	0.74	1.0	1841	2.7	Bird damage	
Midway 63511-F40	1 1622	3.0	1.1	4.1	1.5	2.8	4.0	7.87	3.6	3.5	18	16	20	136	75	34	2.8	2.8	0.77	0.8	1466	2.8	Bird damage	
XP 299 C671128-39	1 1647	3.1	0.7	5.0	1.5	3.0	4.0	8.00	4.0	3.3	16	14	18	119	80	36	2.1	1.8	0.78	0.8	1329	2.5	Some lodging, poor stand	

TABLE III

EVALUATION, BY A TASTE PANEL AT THE HORTICULTURAL PRODUCTS LABORATORY, OF CERTAIN CULTIVARS FOR FREEZING AS WHOLE-KERNEL AND AS CORN-ON-THE-COB, (ONE SAMPLING 1971)

Cultivar	C U T K E R N E L S					Cultivar	C O R N - O N - T H E - C O B				
	Appearance 1-5	Color 1-5	Texture 1-5	Flavor 1-5	Overall 1-5		Appearance 1-5	Color 1-5	Texture 1-5	Flavor 1-5	Overall 1-5
Supergold	4.0	4.3	3.8	3.8	4.0	Tenderchoice	3.3	3.7	4.0	3.7	3.7
VH 652	3.3	4.0	3.8	4.0	3.8	Early Sunglow	3.0	3.0	4.3	4.3	3.6
VH 693	3.8	4.0	3.3	3.0	3.5	VH 694	3.3	3.7	3.7	3.3	3.5
VH 694	3.0	4.0	3.8	3.0	3.4	VH 693	3.0	4.0	3.3	3.0	3.3
Tastyvee*	3.5	4.1	3.0	3.0	3.4	Northern Belle	3.7	3.7	2.7	3.0	3.3
Tenderchoice	2.8	4.0	3.0	4.0	3.4	Supergold	3.0	3.7	3.3	2.7	3.2
Summertreat	2.3	4.0	3.3	3.3	3.3	VH 652	2.7	3.7	3.0	3.0	3.1
Seneca 110	3.8	3.8	2.8	3.0	3.3	Tastyvee*	2.5	3.5	3.3	2.9	3.0
Northern Belle	3.3	3.7	3.0	2.7	3.2	Jubilee*	3.5	3.5	3.0	2.6	3.0
VH 692	2.3	3.8	3.0	3.8	3.2	VH 695	2.7	3.7	3.0	2.7	3.0
Midway	3.0	3.0	3.7	2.7	3.2	Tendervee*	2.7	2.8	3.3	3.0	2.9
VH 695	3.3	4.0	2.8	2.3	3.1	Royal Crest	2.0	3.0	3.3	3.3	2.9
Imperial	2.3	4.0	3.0	3.0	3.1	Imperial	3.0	3.0	2.7	3.0	2.9
Seneca Scout	3.8	3.8	3.0	2.0	3.1	VH 701*	2.0	2.7	3.3	3.0	2.8
Gardentreat	3.0	3.7	2.3	3.0	3.0	Midway	3.7	3.3	2.3	1.7	2.8
Jubilee*	3.0	3.2	2.9	2.6	3.0	Seneca 60-11	1.7	1.7	4.3	3.7	2.8
Defender	2.3	3.0	3.7	3.0	3.0	Table Delight*	2.0	2.5	3.3	3.0	2.7
Yukon	3.0	4.0	2.0	2.0	2.8	VH 692	2.3	3.0	3.0	2.7	2.7
Butterfingers	2.7	3.7	2.7	2.3	2.8	Yukon	3.0	2.7	2.7	2.3	2.7
Spring Gold	3.3	3.3	2.3	2.0	2.8	Seneca Scout	2.7	3.3	2.3	2.0	2.6
Royal Crest	3.0	3.7	1.7	2.3	2.8	Seneca 110	2.3	3.0	2.7	2.3	2.6
Early Sunglow	1.3	3.0	3.3	3.0	2.8	Queen Anne	2.3	2.7	2.7	2.7	2.6
Golden Beauty	2.0	3.0	2.7	3.0	2.7	Seneca Chief	3.7	3.3	1.7	1.7	2.6
VH 691	2.4	2.7	3.4	2.5	2.7	VH 702	3.0	3.7	2.7	1.0	2.6
Tendervee*	2.3	3.6	2.5	2.0	2.6	Summertreat	2.0	2.7	3.3	2.0	2.5
VH 701*	2.0	2.3	3.0	3.2	2.6	Gardentreat	2.0	2.7	2.7	2.7	2.5
Queen Anne	2.0	2.7	2.3	3.0	2.5	Seneca Star	2.7	3.0	2.7	1.7	2.5
VH 702	2.3	3.3	2.3	2.0	2.5	Sunnyvee	2.0	2.0	3.0	2.7	2.4
Gold Cup	3.0	3.8	1.3	2.0	2.5	VH 691*	2.0	2.4	2.8	2.4	2.4
Earlibelle	2.7	3.3	1.7	2.0	2.4	Defender	2.3	3.7	2.0	1.7	2.4
Seneca Explorer	2.0	3.0	1.7	3.0	2.4	Butterfingers	2.0	2.7	3.0	2.0	2.4
Golden Sampson	3.0	3.3	1.8	1.8	2.4	Golden Beauty	2.3	2.0	3.0	2.3	2.4
Polarvee	1.3	2.3	2.3	3.0	2.3	Golden Sampson	3.3	3.3	2.0	1.0	2.4
Seneca Star	2.7	2.7	2.3	1.7	2.3	Gold Cup	3.0	3.3	1.7	1.7	2.4
Morning Sun	2.0	2.3	2.0	2.7	2.3	Morning Sun	2.3	1.7	3.0	2.3	2.3
Seneca Beauty	2.0	2.3	2.3	2.0	2.2	Buttervee*	1.5	1.5	3.5	2.3	2.2
Table Delight	1.7	1.8	2.5	1.8	2.0	Seneca Explorer	2.0	2.0	2.3	2.3	2.2
Buttervee*	1.8	1.7	2.8	1.7	2.0	Spring Gold	2.3	2.7	2.7	1.3	2.2
Sunnyvee	2.3	2.3	1.0	2.0	1.9	Seneca Beauty	2.0	2.3	2.7	1.7	2.2
Extra Early Supersweet	1.7	3.0	1.0	2.0	1.9	Polarvee	1.0	1.7	3.0	2.0	1.9
						Earlibelle	2.0	2.3	1.7	1.3	1.8
						Extra Early Supersweet	1.3	2.7	1.7	1.3	1.8

* Average of two samplings

