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PROCESSING TOMATO Variety Trials 1973



J.K. Muehmer

S. de Boer

LIST OF SEED SOURCES (TOMATO)

1. Ag-way In., Seed Div., 560 Delaware Ave., Box 128, Buffalo, N.Y. 14240, U.S.A.
2. Dr. Agell, University of Maryland, Orchard Park, Md. U.S.A.
3. Asgrow Seed Co., Research Dept., Twin Falls, Idaho. U.S.A.
4. Ball Superior Ltd., 1155 Birchview Drive, Mississauga, Ontario.
5. U.S.D.A. Plant Science Research Div., Beltsville, Maryland 20705.
6. W. Atlee Burpee Seed Co., Hunting Park Ave., Philadelphia, Pennsylvania 19132.
7. W. Atlee Burpee Seed Co., Doylestown, Pennsylvania 18901.
8. D.V. Burrell Seed Growers Co., Box 150A, Rocky Ford, Colorado 81067
9. Campbell Soup Co., Ltd., 5589 Hurontario Street, Mississauga, Ontario.
10. Craig Sales Co., University of Maryland.
11. Dessert Seed Co., Box 181, El Centro, California 92243.
12. Ferry Morse Seed Co., Box 8, San Juan Bantista, California 95045.
13. Joseph Harris Co., Inc., Moretown Farm, Rochester, New York 14624.
14. H.J. Heinz Co., Box 127, R.R. #4, Bowling Green, Ohio 43402.
15. Keystone Seed Company, Box 1438, Hollister, California 95023.
16. Libby, McNeil and Libby, Agricultural Research Center, Leipsic, Ohio 45856.
17. Niagara Chemical Div. F.M.C. Corp., Box 3091, Research Station, San Juan Bautista, California.
18. Department of Horticulture, O.R.D.A., Wooster, Ohio.
19. C.D.A. Research Station, C.E.F., Ottawa, Ontario K1A 0C6.
20. W.H. Farron Seeds, 518 Labelle Boulevard, Laval, Quebec.
21. Peto Seed Company Inc., Box 4206, Saticoy, California 93003.
22. Department of Horticulture, Purdue University, Lafayette, Indiana 47907.
23. Robson Seeds, Hall, New York 14463.
24. Horticultural Experiment Station, Box 587, Simcoe, Ontario N3Y 4N5.
25. C.D.A. Smithfield Experimental Farm, Box 340, Trenton, Ontario.
26. Stokes Seeds Ltd., Box 10, St. Catharines, Ontario.
27. Vaughan's Seed Company, 125 North Park Street, Ovid, Michigan 48866.
28. Vesey Seeds Limited, York, P.E.I.
29. Horticultural Research Institute of Ontario, Vineland Station, Ontario.

TOMATO TRIALS - 1973

J.K. Muehmer and S. de Boer
R.C.A.T., Ridgetown, Ontario, Canada

This year a total of 171 cultivars, strains and breeding lines of tomatoes were grown on R.C.A.T. campus. These were submitted for trial by seed companies and experiment stations. The seedlings were grown in our greenhouses and field-set on May 23/25, 1973 with a planting distance of 5.0 x 2.0 feet, for handpick and 5.0 x 1.0 feet for machine trials respectively.

The trials reported here were located on campus test grounds on Brookston clay loam; other tests and demonstration plots will be reported separately.

Ten hand-pick and 15 machine-harvest cultivars were evaluated in Advanced Co-ordinated Trials, additional 10 hand-harvest and 15 machinable cultivars were tested in Observation Trials at 4 locations throughout Ontario under the Co-ordinator, Jack Metcalf, C.D.A., Smithfield Experimental Farm, Trenton, Ontario. The Ridgetown results only are reported here.

Weather conditions were very cool up to planting time. The balance of the growing season showed above normal temperatures with very little precipitation during July, August and September.

Records of plant and fruit characteristics were taken in mid-August. Yields were taken on all advanced trials and on promising entries from the observation plots. Twenty typical fruits from each of 2 replicates were selected, weighed, cut open and evaluated on a platform. Data were dictated without knowledge of variety identity. The data given in these tables represent the average of both observations. A variety rating lower than 3.0 is considered discarded. Records for several years need to be compared before a true picture of any variety can be obtained, however, indications of certain desirable characteristics for specific purposes in a tomato cultivar can usually be detected in one season.

ONTARIO CO-ORDINATED HANDPICK ADVANCED TOMATO TRIAL

J.K. Muehmer and S. de Boer, R.C.A.T., Ridgetown, Ontario

NAME	PLANT			FRUIT CHARACTERISTICS														REMARKS
	Seed Source	Foliage Conc.	Vine Spread	Firmness	Smoothness	Ease of Stemming	Crack Resistance		Lack of Core	Structure	Internal			Size Weight		Overall Rating	Lab. pH	
							Radial	Conc.			Colour	Raw Flavour	Yellow Top Resistance	g.	oz.			
C-28	9	4.0	4.0	3.1	4.0	3.5	4.8	4.8	3.2	4.2	3.5	3.5	4.3	136.2	4.8	3.3	419	dark vine
H-1350	26	3.5	3.3	3.5	4.5	2.3	3.5	3.5	3.5	3.8	3.1	3.2	4.0	170.3	6.0	3.0	429	thin walled
H-1630	14	3.1	3.1	3.5	5.0	1.5	3.6	3.6	3.6	4.0	3.1	3.2	3.6	124.9	4.4	3.1	431	" "
Moira	25	3.2	3.0	3.3	4.5	1.5	2.9	2.5	3.5	3.8	3.2	3.5	-	150.4	5.3	2.9	442	severe radial cracks
ONT 738	24	4.5	4.5	4.6	4.5	3.5	5.0	5.0	4.0	4.5	4.5	3.0	-	136.2	4.8	4.0	427	
ST 16	25	3	2.5	4.2	4.0	1.5	3.5	2.8	3.5	4.0	3.2	3.3	3.5	144.7	5.1	2.9	431	thin walled, severe leather end
ST 19	25	2.8	4.0	3.8	4.5	2.0	4.0	3.6	3.3	4.2	3.5	3.3	-	158.9	5.6	3.3	437	some leather end
V-709	24	3.2	3.0	3.5	5.0	2.5	4.0	4.0	3.4	4.5	2.9	2.9	-	124.9	4.4	3.0	441	
V-712	24	3.5	2.8	4.0	4.5	3.0	4.5	4.5	3.1	4.1	3.2	3.5	-	136.2	4.8	3.3	421	
Veebrite	24	3.0	3.2	4.6	3.6	3.5	3.3	3.6	3.1	4.4	3.2	3.4	-	187.3	6.6	3.5	430	internal snow, severe leather end

HANDPICK OBSERVATION CO-ORDINATED TOMATO TRIAL

J.K. Muehmer and S. de Boer, R.C.A.T., Ridgetown, Ontario

NAME	PLANT			FRUIT CHARACTERISTICS														Overall Rating	Lab. pH	REMARKS
	Seed Source	Foliage Conc.	Vine Spread	Firmness	Smoothness	Ease of Stemming	Crack Resistance		Lack of Core	Internal				Size Weight						
							Radial	Conc.		Structure	Colour	Raw Flavour	Yellow Top Resistance	oz.	g.					
C-36	9	3.8	3.6	3.5	3.0	2.0	4.5	4.5	4.0	4.0	4.5	3.5	-	5.6	158.9	3.5	-	v. oblate fruit		
Cannebec	19	3.0	3.0	3.3	2.0	1.0	2.0	2.0	2.8	4.0	2.8	3.8	3.0	6.4	181.6	2.8	423	wilty, too oblate		
H-1350	26	3.5	3.3	3.8	3.8	1.0	3.3	3.3	2.8	3.8	2.8	3.6	-	5.5	156.1	3.0	-			
New Yorker	26	2.5	2.5	3.5	4.0	1.5	2.0	2.0	3.2	3.5	2.3	3.3	-	5.9	167.4	2.8	428	thin walled		
ONT 733	24	3.3	3.2	4.5	3.8	1.5	4.0	4.0	3.8	4.0	5.0	3.2	-	2.5	70.9	3.3	-	foliage flops		
ONT 736	24	3.5	3.5	4.5	3.1	4.0	3.5	3.5	3.2	3.8	3.5	3.1	-	6.0	170.3	3.0	-	compact habit + set		
ONT 737	24	4.0	4.0	3.8	4.5	3.5	4.0	4.0	3.8	4.0	3.6	3.1	-	5.9	167.4	3.3	-	deep globe		
Ottawa 91	19	3.5	4.0	3.3	4.5	3.5	4.5	4.5	3.8	4.0	4.0	2.9	-	3.5	99.3	3.5	431	tough skin, v.g. foliage		
Ottawa 93	19	3.3	3.3	3.7	5.0	4.5	5.0	2.0	3.5	3.0	2.8	3.0	-	2.5	70.9	2.9	418	few locules, tough skin		
Ottawa 94	19	3.3	3.8	4.5	5.0	5.0	5.0	5.0	3.6	3.6	2.8	2.8	-	2.8	79.5	3.1	-	few locules, thick walled		
Rideau VR	19	3.5	3.3	3.8	3.2	2.0	2.5	2.5	3.2	4.5	3.2	3.5	-	6.7	190.1	3.3	-	spready plant		
Springset	21	3.5	3.8	3.8	3.8	1.0	3.0	1.5	4.0	4.0	3.8	3.6	-	7.8	221.3	2.5	-	oblate, conc. cracks		
ST-18	25	3.5	3.5	4.4	4.5	2.5	2.0	3.0	4.0	4.5	5.0	3.4	-	6.6	187.2	2.9	-	deep globe		
ST-21	25	3.3	3.1	4.5	5.0	5.0	4.0	3.0	4.0	3.5	4.5	3.5	-	2.5	70.9	3.2	435	deep globe, red jelly		
V-722	24	3.3	3.3	4.0	2.0	1.0	4.0	4.0	3.8	5.0	4.5	2.5	-	4.1	116.3	2.9	-	too rough, some blotch		

CO-ORDINATED MACHINE HARVEST ADVANCED YIELD TRIAL 1973

J.K. Muehmer and S. de Boer, R.C.A.T., Ridgetown, Ontario

NAME	PLANT			FRUIT CHARACTERISTICS											Overall Rating	Lab. pH	REMARKS	
	Seed Source	Foliage Conc.	Vine Spread	Firmness	Smoothness	Ease of Stemming	Crack Resistance		Lack of Core	Internal				Size Weight				
							Radial	Conc.		Structure	Colour	Raw Flavour	Yellow Top Resistance	oz.				g.
Chico III	21	3.5	3.2	2.5	5.0	5.0	4.5	4.5	2.0	3.5	3.0	3.5	3.6	2.5	70.9	2.9	432	thick walled
H-1706	14	3.0	3.5	3.8	5.0	5.0	5.0	5.0	4.5	4.5	4.0	4.0	4.0	2.2	62.4	4.0		thick walled
H-6919	14	3.6	3.8	4.5	5.0	5.0	4.5	4.5	4.5	3.5	3.0	3.1	3.4	1.7	48.2	3.8	428	conc. set
ONT-734	24	3.0	2.5	4.5	5.0	5.0	4.0	4.0	3.8	3.5	4.5	3.5	4.5	1.7	48.2	3.2	427	v. early does not shake off acid, 2 locules g. vine storage
V-7111	29	3.0	4.0	4.0	5.0	5.0	4.6	4.6	4.0	5.0	3.0	3.5	3.2	2.2	62.4	3.8	422	
V-719	29	3.8	3.6	4.8	5.0	4.5	5.0	5.0	4.8	3.8	3.6	2.8	3.2	2.7	76.6	3.4		HL, viny, district Nipple
V-7110	29	4	4	4.0	5.0	3.5	4.8	4.8	3.2	4.2	3.5	3.5	4.3	1.8	51.0	3.5	432	excellent vine storage
V-724	29	3.5	3	4.6	5.0	5.0	5.0	5.0	4.0	4.0	2.5	2.0		2.0	56.7	2.5	435	mushy, yellow eye 2.2, vine breakdown
V-727	29	3.2	3.6	4.0	5.0	5.0	5.0	5.0	4.0	4.5	3.5	3.5	2.8	2.3	65.3	3.8		few locules, <u>yellow top!!</u>
V-729	24	3.5	3.5	4.5	5.0	5.0	5.0	5.0	2.5	4.0	4.0	2.8	3.5	2.2	62.4	3.5	437	deep core, product only

CO-ORDINATED MACHINE HARVEST OBSERVATIONS

J.K. Muehmer and S. de Boer, R.C.A.T., Ridgetown, Ontario

NAME	PLANT			FRUIT CHARACTERISTICS												Overall Rating	Lab. pH	REMARKS
	Seed Source	Foliage Conc.	Vine Spread	Firmness	Smoothness	Ease of Stemming	Crack Resistance		Lack of Core	Internal				Size Weight				
							Radial	Conc.		Structure	Colour	Raw Flavour	Yellow Top Resistance	oz.	g.			
C-35	9	3.5	3.5	4.3	5.0	3.0	5.0	5.0	4.0	3.6	3.8	3.2	4.0	3.5	99.3	3.3		mushy appearance
Dorchester	2	3.2	3.2	4.3	5.0	5.0	4.0	4.0	4.0	4.5	4.2	3.8		3.1	87.9	3.0	439	stitching, poor ext. colour
H 1706	14	3.0	3.0	4.5	5.0	5.0	4.0	4.0	2.5	3.5	3.3	4.0		1.9	54.0	3.5		vine holds well
Lafayette	22	4.0	3.8	4.3	5.0	4.5	4.5	4.5	5.0	3.6	3.3	3.8	4.3	2.4	68.1	4.0	430	thin wall, v. dk. foliage
ONT-732	24	3.0	3.2	5.0	5.0	5.0	5.0	5.0	3.5	3.6	3.1	3.1		1.9	53.9	2.9		nipple, banana
ONT-7310	24	2.5	3.3	4.5	5.0	4.5	5.0	5.0	3.2	4.5	3.6	3.3		1.8	51.0	3.0	432	vine flops, banana
Ottawa 10	19	2.5	2.5	4.8	3.5	4.5	5.0	5.0	3.2	3.8	5.0	3.0		2.9	82.3	4.0		foliage breaks down, thin wall
Potomac	21	3.0	3.3	4.3	5.0	4.5	4.5	4.5	3.3	3.5	3.0	4.0		2.6	73.8	2.9	438	pale exterior, vine flops
PX7110A	22	3.3	4.5	4.5	5.0	3.5	5.0	5.0	4.5	3.5	3.3	3.4	4.3	2.6	73.8	3.5	422	tough; g. early set
Red Rock	21	3.5	3.5	5.0	5.0	5.0	4.5	4.5	3.0	3.8	3.4	3.5		3.6	102.2	2.9	431	variable size, woody pear/plum
V-714	29	3.3	4.5	4.8	5.0	5.0	5.0	5.0	2.0	4.0	3.2	3.0		2.2	62.4	3.2		nipple, product only, banana
V-717	29	2.5	3.2	4.2	5.0	5.0	5.0	5.0	3.5	4.0	3.3	4.0		2.1	59.6	3.6		hollow core, vine spreads
V-718	29	4.0	3.8	4.5	5.0	5.0	5.0	5.0	2.8	4.0	4.0	3.5		2.2	62.4	3.2		fruit burns, product only
V-726	29	2.5	3.8	4.8	4.0	5.0	4.0	4.0	3.6	3.8	3.5	4.0		2.2	62.4	3.9		g vine, too soft, shatters
Ohio 20-70	18	3.5	3.5	4.6	4.5	2.5	4.0	4.0	3.5	3.5	3.2	3.4	4.3	3.8	107.8	3.4	418	tough skin, dk. foliage

HANDPICK OBSERVATION TRIALS 1973

J.K. Muehmer and S. de Boer, R.C.A.T., Ridgetown, Ontario

NAME	PLANT			FRUIT CHARACTERISTICS										Overall Rating	REMARKS
	Seed Source	Foliage Conc.	Vine Spread	Firmness	Smoothness	Crack Resistance		Lack of Core	Internal			Size Weight			
						Radial	Conc.		Structure	Colour	Raw Flavour		Yellow Top Resistance		
Springset	27	3.5	2.8	3.0	2.9	2.8	2.4	3.4	4.5	3.6		2.9	200	3.0	market + home garden
Bonny Best	27	2.0	2.0	3.4	3.8	1.5	1.5	3.6	4.0	3.0		-	225	2.9	home garden, large plant
Bounty	27	2.5	3.3	3.4	-	2.5	2.5	2.8	3.2	3.2		3.6	210	2.9	thin walled
Springset VF	22	3.0	2.5	3.4	4.0	2.5	2.5	4.0	4.2	3.4		3.6	165	2.5	home garden
Gloriana	7	2.0	3.0	3.6	4.0	2.8	2.8	2.8	4.0	3.2		2.8	115	2.5	thin wall, large vine
C-28 Vigorized	9	4.0	3.3	3.5	4.0	5.0	3.2	3.2	4.0	3.0		3.5	140	3.5	early fruit catfaces
Ultra Boy UPN	26	2.0	3.3	3.8	-	2.0	2.0	3.3	4.5	3.5	3.5	2.8	285	3.3	home garden
Jetfire	26	3.3	3.2	3.1	4.5	3.5	2.8	3.6	3.3	3.2		3.3	125	3.0	vine yields 5.0
Scotia	28	3.5	3.0	3.9	4.5	3.2	3.2	2.5	4.0	3.0		3.2	155	2.9	market
OFHF	22	4.0	3.5	4.5	2.9	2.5	2.5	3.5	4.2	3.0		2.9	185	3.5	market + home garden
NCX 3001	17	4.0	4.2	4.5	5.0	5.0	5.0	3.3	3.2	2.9		3.1	115	3.3	machine harvest, good yield
NCX 3002	17	3.3	3.2	4.0	5.0	5.0	5.0	2.9	3.6	2.9		2.0	55	2.9	" " , product
NCX 3006	17	4.0	3.5	3.6	4.8	4.5	3.0	3.2	2.9	4.0		-	55	2.9	" " , red jelly
NCX 3009	17	4.0	3.8	5.0	4.5	5.0	5.0	2.5	4.4	3.2		2.9	100	2.9	" " , pointed B.E.
HYB 71-5	11	2.8	3.2	3.8	4.0	4.0	3.6	3.3	4.1	3.5	3.5	4.0	180	3.5	large vine, holds well
Hyb. 70-38	11	2.8	3.8	3.6	4.3	2.8	4.0	2.5	3.9	3.5		3.1	180	2.9	yields, red jelly, ^u
Hyb. 71-44	11	3.5	3.5	3.6	-	4.5	3.4	3.0	3.6	3.2		4.3	75	2.9	machine harvest, vine too lg.
Hyb. 72-81	11	3.5	2.5	4.0	4.3	3.6	4.5	3.1	4.2	3.3		3.8	90	2.9	" " , fruit rots
Hyb. 72-76	11	3.5	3.6	3.3	4.5	4.0	4.0	3.3	3.5	3.5		-	105	3.0	" " , " "
Hyb. 72-74	11	3.2	3.0	4.4	5.0	4.5	4.5	2.8	3.8	2.9		3.4	115	2.9	" " , large vine

Cont'd.

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Beefsteak	20	3.8	3.3	3.5	3.6	2.0	4.0	3.5	4.0	3.1	2.9	145	2.5	
McMullen	20	2.0	3.3	2.5	4.5	2.9	4.5	3.0	3.5	3.0	3.6	55	2.5	sp^+ , u^+ , y , c
Moscow	20	2.0	4.0	3.2	4.0	2.9	4.5	2.9	4.3	3.2	2.8	205	2.9	u^+ , sp^+
Fournaise	20	2.5	3.0	3.2	5.0	2.5	5.0	3.6	3.5	2.9	3.6	75	2.5	machine ?
Highlander	8	4.0	4.0	2.9	4.3	2.8	2.5	3.6	4.5	3.1	2.9	140	3.0	
Stakeless	8	3.2	3.2	3.0	2.9	2.6	2.8	3.1	4.2	3.1	2.8	120	2.9	sp^+ , c , u^+
Winsall	27	2.0	4.0	3.3	2.5	3.5	3.5	2.5	5.0	3.5	-	230	2.9	Home garden, very fasciated, sp^+ , u^+ , c
Golden Delight	28	3.1	2.5	3.3	4.5	2.0	2.0	3.5	4.0	4.0	-	150	2.8	r or t
C-35	9	2.8	3.5	4.0	4.5	4.5	3.8	4.0	3.8	3.4	-	110	3.3	very dark foliage, internal snow
ES-58	21	2.3	4.0	3.8	3.8	3.6	4.5	3.5	4.2	3.0	-	155	3.0	large vine
Heinz 1439	21	3.2	3.8	3.0	4.5	2.9	3.9	2.9	3.8	3.1	-	155	3.0	
Ace Royal VF	21	2.0	3.2	4.0	3.8	3.6	4.5	3.5	3.9	3.5	-	215	2.9	home garden, sp^+
Ace 55	21	2.5	3.8	2.9	2.9	2.6	2.6	2.9	4.2	3.3	-	230	3.0	home garden; late
Cal-Ace	21	3.0	3.3	2.9	4.5	3.9	3.9	3.5	3.9	3.2	-	155	2.9	mushy, v. large plant
ES-24	1	2.0	3.5	3.5	4.5	2.9	2.3	2.6	4.0	3.3	-	205	2.9	large foliage, no yielding
H1350	3	3.0	3.2	2.9	4.0	3.0	3.0	3.5	3.8	4.0	-	150	2.9	
Delicious	7	2.0	4.0	2.9	3.8	2.9	4.5	2.0	4.5	4.0	-	325	2.5	sp^+ , $ug?$, relish tomato!
Valiant	7	2.0	2.5	2.9	3.0	2.6	2.0	3.1	3.6	4.0	-	125	2.5	home garden + market
Jubilee	7	2.0	3.5	3.6	3.8	3.8	5.0	3.5	4.5	3.5	-	185	3.5	sp^+ , u^+ , r , home garden, novelty
Manalucie	7	2.0	3.5	2.9	3.8	2.9	4.3	4.0	4.5	4.0	-	205	3.0	home garden, u^+ , sp^+ , Cr
Early Girl VF	4	2.5	3.5	2.5	4.0	2.5	4.5	3.2	3.8	3.3	-	125	2.6	sp^+ , u^+
Betterboy VFN	4	2.0	4.0	3.7	2.9	3.6	4.3	2.8	4.5	5.0	-	165	3.0	sp^+ , u^+

MACHINE OBSERVATION TRIALS

J.K. Muehmer and S. de Boer, R.C.A.T., Ridgetown, Ontario

NAME	PLANT			FRUIT CHARACTERISTICS											Overall Rating	REMARKS
	Seed Source	Foliage Conc.	Vine Spread	Firmness	Smoothness	Ease of Stemming	Crack Resistance		Lack of Core	Internal			Size Weight			
							Radial	Conc.		Structure	Colour	Raw Flavour	Yellow Top Resistance	g.		
V 672	24	4.0	3.3	4.5	5.0	5.0	3.5	3.5	3.8	3.8	3.5	3.5	4.0	55	3.8	
Y2800VF	24	4.0	3.3	4.8	5.0	5.0	3.8	3.8	3.8	3.3	3.3	3.0	3.8	55	3.0	looks clean
Beaverlodge 6806	24	3.3	2.8	3.2	5.0	5.0	2.8	2.8	4.0	3.3	4.0	2.9	2.9	40	3.5	hollow core, red jelly, breeding
X39DAVF	24	3.3	3.0	4.8	4.5	5.0	4.3	4.3	5.0	3.4	3.5	3.0	3.8	40	3.0	thick skin, paste, distinct nipple, red jelly
Beaverlodge 6808	24	3.2	3.1	3.5	3.8	4.0	2.5	2.5	3.5	4.5	3.5	3.5	3.3	115	3.2	excellent cover, thin wall
W37-3F	24	4.0	2.6	5.0	4.0	5.0	4.5	4.5	4.5	3.6	4.5	3.0	3.9	60	3.5	inverted B.E., product only, small plant
Cardine	24	3.1	2.9	4.8	5.0	5.0	3.2	4.5	3.5	3.8	3.4	3.5	3.8	55	2.9	scattered core, plant flops
ONT 72-356V	24	4.0	3.3	3.8	5.0	4.5	3.4	3.4	4.5	3.5	3.5	3.0	3.2	60	2.9	holds 5.0
W37-1 E	24	3.3	3.1	5.0	4.5	-	4.6	4.6	4.5	4.5	4.5	3.4	4.3	85	4.0	small plant
Nova	24	4.0	3.3	3.8	5.0	5.0	5.0	5.0	3.0	4.0	1.0	1.0	1.0	30	1.0	flat, potential, sunburned
W56-4F	24	2.5	2.5	4.5	5.0	5.0	3.6	3.3	-	3.5	4.0	4.0	3.0	60	3.3	red jelly
90-1-2	21	3.3	2.5	5.0	5.0	5.0	4.5	4.5	5.0	5.0	4.2	3.1	3.8	75	3.1	red jelly
Caroline (MD 120)	10	3.2	3.1													tough skin, flops, tow locules.
Libby 2624A	16	3.8	3.4													nipple B.E., hollow locules, productively
Y27 BAV	24	3.1	3.4	4.5	5.0	4.0	4.0	4.0	3.8	3.8	3.5	3.3	3.3	75	3.2	pointed B.E., tough skin
W 321	24	3.6	3.2	4.5	4.5	5.0	5.0	5.0	2.5	4.5	2.5	3.5	2.0	55	3.0	pointed tip
Y11BA VF	24	3.5	3.2	4.8	4.5	5.0	5.0	5.0	2.0	3.0	3.5	3.1	1.5	60	2.5	red jelly
V 727	24	4.0	3.6	4.0	4.5	5.0	5.0	5.0	3.1	4.5	3.0	3.4	4.3	50	3.0	heavy yield
87-7-8	15	3.2	2.5	3.8	4.5	4.0	5.0	5.0	2.8	3.2	3.2	2.8	2.6	110	2.5	stitching, thin walled
Chef	5	3.1	2.5	4.5	4.5	5.0	4.5	4.5	3.6	3.8	3.1	3.3	4.8	90	2.8	internal snow, tough skin

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R 9-2 VF	24	4.3	4.0	2.9	4.5	5.0	5.0	5.0	3.0	4.3	2.9	3.0	3.1	55	2.9	paste
W 33-1	24	3.5	3.5	4.5	4.5	4.0	5.0	5.0	2.0	3.5	3.2	3.5	3.5	65	3.0	
Merit	5	3.5	3.8	4.2	5.0	5.0	4.5	4.5	4.5	3.6	3.5	3.0	4.5	85	3.0	scattered core
W 14-1 V	24	4.0	3.8	4.5	5.0	5.0	4.0	4.0	3.2	4.3	3.0	3.0	2.7	155	3.2	flat flavour
V 704	29	3.8	3.6	4.5	5.0	5.0	4.5	4.5	2.0	3.6	2.9	3.3	3.3	75	3.0	
Merit	21	3.5	3.3	3.6	4.5	5.0	4.5	4.5	4.0	3.5	3.0	3.2	-	95	3.2	thin walled
C-28	9	4.5	3.6	3.5	3.5	1.5	5.0	4.0	3.5	4.0	3.1	3.4	5.0	130	3.5	
Potomac	5	4.0	3.5	4.2	5.0	5.0	5.0	5.0	2.8	3.5	2.5	2.4	3.3	175	2.8	overmature
Vision	26	2.8	2.5	4.0	4.5	4.0	3.4	3.4	3.3	4.4	3.1	3.5	2.3	125	2.9	
Napoli	21	3.1	3.1	4.5	5.0	5.0	5.0	5.0	2.5	4.5	3.1	2.9	2.3	55	3.1	
W 25-1 V	24	3.2	3.4	4.3	4.5	5.0	5.0	5.0	2.7	4.5	3.5	3.4	2.5	130	3.3	product only
Veaset	26	3.3	3.2	4.2	4.5	3.0	5.0	5.0	4.0	4.0	3.0	3.3	3.0	125	3.5	foliage spreads
Ohio 2070	18	3.2	3.3	3.0	4.0	3.0	3.0	4.0	3.5	3.8	2.8	2.9	3.1	105	2.9	clean looks
T 1175/71	12	4.0	3.2	3.8	4.5	5.0	5.0	5.0	2.9	3.5	2.5	3.1	3.4	55	2.9	
ONT 733	24	3.0	2.9	4.2	4.5	2.5	4.5	4.5	2.9	4.0	3.5	3.2	-	80	2.9	sparse foliage, no vine store, nipple
Potomac	21	3.5	2.5	4.0	4.5	4.5	4.5	4.5	2.9	3.3	2.0	3.5	3.2	75	2.8	
Dorchester	10	3.2	3.5	4.5	4.5	5.0	5.0	5.0	2.0	4.3	4.3	2.5	-	80	3.0	tough leathery skin, vine flops
V 721	24	4.2	4.5	5.0	4.2	5.0	4.5	4.5	3.0	4.2	3.2	3.1	4.5	100	4.0	pointed egg, woody
Y 15 BA Vj	24	4.2	4.0	5.0	4.5	4.0	4.0	4.0	3.0	4.4	3.1	3.1	2.9	140	3.3	
W 47-1	24	3.2	3.3	5.0	3.8	4.0	4.5	4.5	-	4.2	3.5	2.8	3.8	110	3.0	handpick
RIO-17-SM	24	3.8	3.8	3.8	5.0	5.0	5.0	5.0	2.9	4.0	2.9	3.0	3.2	65	3.1	
X 14 AA Vog	24	3.3	3.2	4.0	4.2	4.5	5.0	4.0	3.2	4.0	3.4	3.5	2.9	145	3.3	red jelly
Ottawa 70 V	24	4.5	3.6	5.0	4.5	4.5	4.0	4.0	2.9	4.5	2.9	3.5	2.3	95	3.0	red jelly
W 33-3	24	4.2	5.0	4.5	4.5	3.3	5.0	5.0	2.5	4.5	2.8	2.9	3.2	85	3.0	quite small, paste
Ohio 2170	18	4.5	3.6	4.2	4.5	4.5	4.5	4.5	3.8	4.2	3.0	3.5	4.3	85	3.2	potential, <u>seed sprouts</u> , clean looks
W 33-4	24	3.3	4.0	3.8	4.5	5.0	5.0	5.0	2.0	4.5	3.0	3.5	3.5	75	3.2	nipples, crops well
Ventura	21	4.5	3.8	4.5	5.0	5.0	5.0	5.0	3.5	4.5	3.0	3.3	3.4	70	4.0	pointed B.E., slim core
87-6-2	15	2.8	2.8	4.5	5.0	5.0	3.8	3.8	3.5	4.1	3.1	3.3	3.5	115	2.9	
Ohio 2470	18	4.5	4.5	3.6	5.0	3.3	4.5	4.5	3.2	4.2	3.2	3.3	3.0	110	3.2	pointed

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NAME	Seed Source	Foliage Conc.	Vine Spread	Firmness	Smoothness	Ease of Stemming	Radial	Conc.	Lack of Core	Structure	Colour	Raw Flavour	Yellow Top Resistance	g.	Overall Rating	REMARKS
W 25-1 V	24	3.4	3.3	4.0	4.5	3.3	4.5	4.2	4.0	4.0	3.1	3.5	2.5	120	3.5	hollow locules
VF-10	21	3.2	3.1	3.8	5.0	5.0	3.3	3.3	3.8	3.6	3.3	3.8	2.0	125	3.0	wilts
87-9-3	15	3.3	3.1	5.0	5.0	5.0	4.5	4.5	3.6	3.5	3.0	3.5	3.7	90	3.3	
Y 38 CBV	24	4.0	3.8	4.5	5.0	5.0	4.5	4.5	3.3	4.3	3.3	3.3	3.8	85	3.3	
W 14-2 V	24	3.8	4.0	4.5	4.5	5.0	4.5	4.5	3.1	3.8	3.0	3.2	-	150	3.2	hand pick, tough skin, some wilt
VF 65	21	3.8	4.0	5.0	4.5	5.0	5.0	5.0	2.0	4.4	3.1	3.5	3.0	90	3.0	nipple, B.E., leather skin, product paste
E 3201	12	4.5	4.5	4.5	4.5	5.0	4.5	4.5	3.5	4.5	3.3	4.0	2.9	85	4.0	vine 5.0
Red Rock	5	3.0	3.8	5.0	5.0	5.0	5.0	5.0	3.2	4.0	3.2	2.9	2.9	90	3.8	tough skin
Red Rock	10	3.1	3.8	4.3	5.0	5.0	5.0	5.0	3.5	3.9	3.5	3.5	-	80	4.0	inverted B.E., attractive
Ottawa 1085	24	2.5	3.5	4.0	3.5	3.5	4.5	4.5	3.6	3.8	2.9	3.5	4.0	125	2.9	stitching, thin wall, internal snow
X 15 NAA Vog	24	3.3	4.0	5.0	4.5	4.5	5.0	5.0	3.5	5.0	3.8	2.9	2.9	130	3.8	paste
Ramapo	27	2.5	5.0	3.5	4.5	1.5	5.0	5.0	2.9	4.3	3.0	4.0	-	160	4.0	home garden, hand pick
VF 198	21	4.5	5.0	5.0	5.0	5.0	3.5	3.5	3.2	4.5	3.0	3.4	-	90	3.6	puffy
ONT 72-475 F	24	3.2	4.0	4.0	3.6	4.0	3.2	4.5	4.0	4.0	3.4	3.3	3.5	125	3.3	spreads
L 7241	16	3.0	3.0	5.0	4.5	3.5	4.5	4.5	3.1	4.2	3.0	3.2	3.2	125	2.9	smooth, red jelly, variable shape
Cal-j	21	4.5	4.5	5.0	5.0	5.0	5.0	5.0	3.5	4.6	3.8	3.0	3.5	105	3.5	H.L., leather skin, product only
VF 145-21-4	21	3.5	3.3	4.2	5.0	5.0	5.0	5.0	3.5	3.0	3.2	3.1	2.5	100	3.0	thin walled
Libby 3000R	16	2.5	4.0	4.5	5.0	5.0	5.0	5.0	2.5	3.5	2.9	2.9	-	85	3.0	product only
Roma VF	1	3.3	3.6	4.0	4.5	5.0	5.0	5.0	3.1	4.5	3.1	3.3	3.2	60	3.2	
Italian Carmet	27	2.5	5.0	5.0	5.0	5.0	5.0	5.0	3.1	3.8	3.1	3.1	5.0	65	4.0	clean looks, paste
X6GBA V	24	3.2	3.6	5.0	5.0	5.0	5.0	5.0	3.0	5.0	5.0	3.0	2.5	140	4.5	Some H.L., hard core, product only
L 7221	16	4.3	4.5	4.6	4.3	3.0	5.0	5.0	3.8	4.3	3.2	3.5	3.2	120	4.0	
VFN Bush	21	2.0	4.0	4.0	-	3.5	4.0	4.0	2.5	3.8	2.9	3.3	3.2	130	2.9	some L.E., tough skin
VF-145 B-7879	3	2.5	3.8	4.6	5.0	5.0	3.8	3.8	3.3	4.5	3.5	3.4	2.3	130	3.0	home pick
V18-2V	24	4.0	4.5				4.6	4.6	-	-	-	-	2.9	-	-	

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Arc	5	2.5	4.0	-	-	-	-	-	-	-	-	-	-	-	-	
Roma VF	26	3.5	4.0	3.6	4.5	5.0	5.0	5.0	3.0	4.0	2.5	3.5	-	65	3.5	deep core
E 0208A	12	2.5	4.0	5.0	5.0	5.0	5.0	5.0	2.5	4.5	3.0	4.0	4.0	70	3.5	pointed B.E.
C-36	9	3.0	2.9	3.4	5.0	5.0	4.0	3.2	3.5	3.5	3.1	3.6	3.2	90	3.3	