



United States Department of Agriculture

Research, Education, and Economics
Agricultural Research Service

May 9, 2007

Subject: UC- USDA Carrot Trials
To: Trial Participants
From: Phil Simon, Joe Nunez, and Jose DeSoto

The results of the 2007 UC-USDA Carrot Trials in El Centro are attached, along with your score sheet.

Note that two lists of results are enclosed - one by Field Number and one by Rank.

We were pleased to receive the evaluations of judges who were able to attend. We are very grateful to DREC staff for their cooperation and excellent assistance. Their help is greatly appreciated. Thank you.



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USDA California Carrot Trials 2007

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
Entries Listed by Field Number											
C701	Maverick	Nunhems	2	4	7	2	2.60		4	4.5	
C702	Legend	Seminis	1	4	7	3	2.80		3.5	4	
C703	Choctaw	Nunhems		5	8	2	2.80		3.5	4	
C704	(6333 × 8483MjR) × 2126	145-3	1	2	9	3	2.93	8	4	4.5	
C705	(2144 × 2126) × 1111	137-4		3	10	2	2.93	9	3.5	4	
C706	Tomahawk	Crookham		9	6		2.40	25	3.5	4	
C707	(6366 × 8378) × 1138	392-3	4	5	6		2.13	43	3.5	4	
C708	S.C. × 7403MjR	820-6		10	5		2.33	32	1.5	4	
C709	Navajo	Nunhems	1	5	8	1	2.60	16	4	4	
C710	(5280 × 7808) × 1111	225-7	1	4	8	2	2.73	14	4	4	
C711	XCR-1357	Sakata		10	4	1	2.40	26	3.5	4	
C712	(7241 × 2144) × 7403	028-4	5	8	2		1.80	58	2	4	
C713	Nevada F1	Bejo	4	8	3		1.93	56	3.5	4	
C714	(5280 × 6366) × 5438	017-7	2	7	6		2.27	35	3.5	4	
C715	KXPC-168	Integra	1	7.5	6.5		2.37	31	4	4	
C716	(6366 × 2226) × 6526	738-2	1	10	4		2.20	40	4	4	
C717	Envy	Seminis	1	5	4	5	2.87	10	2	4	
C718	(6366 × 2226) × 7403	169-2	1	7	7		2.40	27	4	5	
C719	Maverick	Nunhems		2	9	4	3.13	6	4	4	
C720	(6333 × 6366) × 8233	297-5	1	9	5		2.27	36	4	5	
C721	Legend	Seminis	3	8	3	1	2.13	44	2.5	4	
C722	(5280 × 7808) × 3035	490-4	2	8	4	1	2.27	37	4	4	
C723	NRC M495	Nunhems	4	6	5		2.07	50	2.5	4	
C724	(9304 × 5238) × 1111	225-6	5	5	4	1	2.07	51	4	3	
C725	Sunrise	Crookham	2	8	5		2.20	41	4	4	
C726	(7241 × 2126) × 0186	135-2	2	10	2	1	2.13	45	4	4	
C727	(6366 × 8378) × 8524	176-5		9	4	2	2.53	18	2	4	
C728	Choctaw	Nunhems	1	5	9		2.53	19	3.5	4	
C729	(6274 × 5280) × 8378	815-4	5	10			1.67	60	4	4	
C730	(6274 × 5280) × 7403MjR-	820-4	1	3	8	3	2.87	11	2	4	
C731	(2144 × 2126) × 7322	569-3	2	7	6		2.27	38	3.5	4	
C732	(6366 × 2226) × 7322	296-6	3	7	5		2.13	46	3	4	
C733	Six Shooter	Harris Moran	1	4	8	2	2.73	15	4	4	
C734	(5280 × 5238) × 8233	031-10		5	8	2	2.80	12	4	4	
C735	(6366 × 2226) × 8233	171-6	1	5	9		2.53	20	3.5	4	
C736	NRC-M434	Nunhems	6	6	1	2	1.93	57	4	4	
C737	(6366 × 2226) × 8524	176-6	1	8	5	1	2.40	28	2	4	
C738	RKP05-96	Crookham	3	9	2	1	2.07	52	3	4	
C739	(2126 × 6253) × 3035	322-2	2	5	7.5	0.5	2.43	24	4.5	4	
C740	(2144 × 8503) × 8524	176-7	4	11			1.73	59	2	4	
C741	Pursuit-PS	Seminis			4	8	3	3.93	1	4	4
C742	(5280 × 6366) × Nts.long	222-8	2	6	7		2.33	33	4	4.5	
C743	(6333 × 8233) × 1111	137-3			7.5	7.5	3.50	2	4.5	3.5	
C744	KXPC-020	Integra	1	6	6	2	2.60	17	4	4	
C745	(5280 × 7808) × 9256	254-4		1	9	5	3.27	3	2.5	4	
C746	(2144 × 5238) × 8233	493-4		9	6		2.40	29	4	4	
C747	(6366 × 2226) × 5280	154-7	3	9	3		2.00	54	3	4	
C748	Achieve-PS	Seminis	1	1.5	6.5	5	1	3.23	4	3.5	4
C749	(2144 × 2126) × 6526	162-6	3	2	9	1	2.53	21	3.5	4	
C750	RNF05-330	Crookham	1	8	6		2.33	34	3.5	4	
C751	(2126 × 7808) × 3035	322-3	1	9	5		2.27	39	4	4	
C752	NRC M436	Nunhems	3	7	5		2.13	47	4	4	
C753	Dominion-PS	Seminis	1		9.5	4.5	3.17	5	4	4	
C754	(6366 × 6274) × 7403	240-2	1	11	3		2.13	48	2	4	

USDA California Carrot Trials 2007

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
C755	(5280 × 6366) × 8233	031-11	2	4	8	1	2.53	22	4	4	
C756	HMX 4308	Harris Moran	2	8	5		2.20	42	4	3	
C757	(5280 × 6274L) × 5494	733-4	2	10	3		2.07	53	3.5	4	
C758	71 1309	Seminis	1	4	7	3	2.80	13	3.5	4	
C759	(7241 × 2126) × 8524MjR	248-5	1	11	3		2.13	49	4.5	4	
C760	(6333 × 8233) × 6526	162-5	1	7	7		2.40	30	3	4	
C761	XCR-2586	Sakata		3	7	4	3.07	7	4	4	
C762	(2566 × 6253) × 7808	029-9		7.5	6.5		2.46	23	4	4	
C763	(5280 × 5238) × 7241	027-5	2	10	2		2.00	55	4	4	

¹ Mean based on average of 15 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

² Flavor (1 judge):
H = Harshness: 1=Very harsh, 5=Very mild;
S = Sweetness: 1=Not sweet, 5=Very sweet

USDA California Carrot Trials 2007

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
Entries Listed by Rank											
C741	Pursuit-PS	Seminis			4	8	3	3.93	1	4	4
C743	(6333 × 8233) × 1111	137-3			7.5	7.5		3.50	2	4.5	3.5
C745	(5280 × 7808) × 9256	254-4		1	9	5		3.27	3	2.5	4
C748	Achieve-PS	Seminis	1	1.5	6.5	5	1	3.23	4	3.5	4
C753	Dominion-PS	Seminis	1		9.5	4.5		3.17	5	4	4
C719	Maverick	Nunhems		2	9	4		3.13	6	4	4
C761	XCR-2586	Sakata		3	7	4		3.07	7	4	4
C704	(6333 × 8483MjR) × 2126	145-3	1	2	9	3		2.93	8	4	4.5
C705	(2144 × 2126) × 1111	137-4		3	10	2		2.93	9	3.5	4
C717	Envy	Seminis	1	5	4	5		2.87	10	2	4
C730	(6274 × 5280) × 7403MjR-	820-4	1	3	8	3		2.87	11	2	4
C734	(5280 × 5238) × 8233	031-10		5	8	2		2.80	12	4	4
C758	71 1309	Seminis	1	4	7	3		2.80	13	3.5	4
C710	(5280 × 7808) × 1111	225-7	1	4	8	2		2.73	14	4	4
C733	Six Shooter	Harris Moran	1	4	8	2		2.73	15	4	4
C709	Navajo	Nunhems	1	5	8	1		2.60	16	4	4
C744	KXPC-020	Integra	1	6	6	2		2.60	17	4	4
C727	(6366 × 8378) × 8524	176-5		9	4	2		2.53	18	2	4
C728	Choctaw	Nunhems	1	5	9			2.53	19	3.5	4
C735	(6366 × 2226) × 8233	171-6	1	5	9			2.53	20	3.5	4
C749	(2144 × 2126) × 6526	162-6	3	2	9	1		2.53	21	3.5	4
C755	(5280 × 6366) × 8233	031-11	2	4	8	1		2.53	22	4	4
C762	(2566 × 6253) × 7808	029-9		7.5	6.5			2.46	23	4	4
C739	(2126 × 6253) × 3035	322-2	2	5	7.5	0.5		2.43	24	4.5	4
C706	Tomahawk	Crookham		9	6			2.40	25	3.5	4
C711	XCR-1357	Sakata		10	4	1		2.40	26	3.5	4
C718	(6366 × 2226) × 7403	169-2	1	7	7			2.40	27	4	5
C737	(6366 × 2226) × 8524	176-6	1	8	5	1		2.40	28	2	4
C746	(2144 × 5238) × 8233	493-4		9	6			2.40	29	4	4
C760	(6333 × 8233) × 6526	162-5	1	7	7			2.40	30	3	4
C715	KXPC-168	Integra	1	7.5	6.5			2.37	31	4	4
C708	S.C. × 7403MjR	820-6		10	5			2.33	32	1.5	4
C742	(5280 × 6366) × Nts.long	222-8	2	6	7			2.33	33	4	4.5
C750	RNF05-330	Crookham	1	8	6			2.33	34	3.5	4
C714	(5280 × 6366) × 5438	017-7	2	7	6			2.27	35	3.5	4
C720	(6333 × 6366) × 8233	297-5	1	9	5			2.27	36	4	5
C722	(5280 × 7808) × 3035	490-4	2	8	4	1		2.27	37	4	4
C731	(2144 × 2126) × 7322	569-3	2	7	6			2.27	38	3.5	4
C751	(2126 × 7808) × 3035	322-3	1	9	5			2.27	39	4	4
C716	(6366 × 2226) × 6526	738-2	1	10	4			2.20	40	4	4
C725	Sunrise	Crookham	2	8	5			2.20	41	4	4
C756	HMX 4308	Harris Moran	2	8	5			2.20	42	4	3
C707	(6366 × 8378) × 1138	392-3	4	5	6			2.13	43	3.5	4
C721	Legend	Seminis	3	8	3	1		2.13	44	2.5	4
C726	(7241 × 2126) × 0186	135-2	2	10	2	1		2.13	45	4	4
C732	(6366 × 2226) × 7322	296-6	3	7	5			2.13	46	3	4
C752	NRC M436	Nunhems	3	7	5			2.13	47	4	4
C754	(6366 × 6274) × 7403	240-2	1	11	3			2.13	48	2	4
C759	(7241 × 2126) × 8524MjR	248-5	1	11	3			2.13	49	4.5	4
C723	NRC M495	Nunhems	4	6	5			2.07	50	2.5	4
C724	(9304 × 5238) × 1111	225-6	5	5	4	1		2.07	51	4	3
C738	RKP05-96	Crookham	3	9	2	1		2.07	52	3	4
C757	(5280 × 6274L) × 5494	733-4	2	10	3			2.07	53	3.5	4
C747	(6366 × 2226) × 5280	154-7	3	9	3			2.00	54	3	4

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Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
C763	(5280 × 5238) × 7241	027-5	2	10	2			2.00	55	4	4
C713	Nevada F1	Bejo	4	8	3			1.93	56	3.5	4
C736	NRC-M434	Nunhems	6	6	1	2		1.93	57	4	4
C712	(7241 × 2144) × 7403	028-4	5	8	2			1.80	58	2	4
C740	(2144 × 8503) × 8524	176-7	4	11				1.73	59	2	4
C729	(6274 × 5280) × 8378	815-4	5	10				1.67	60	4	4
C701	Maverick	Nunhems	2	4	7	2		2.60		4	4.5
C702	Legend	Seminis	1	4	7	3		2.80		3.5	4
C703	Choctaw	Nunhems		5	8	2		2.80		3.5	4

¹ Mean based on average of 15 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

² Flavor (1 judge):
H = Harshness: 1=Very harsh, 5=Very mild;
S = Sweetness: 1=Not sweet, 5=Very sweet

USDA California Carrot Trials 2007

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
Entries Listed by Field Number											
B701	Imperial Cuts	Integra	1	8	7	1	3.47		4	4	
B702	UpperCut 25	Nunhems		3	9.5	4.5	4.09		4	4	
B703	Sweet Bites	Harris Moran	3	11	3		3.00		4	4	
B704	(2144 × 7241) × 6333	642-4	3	11	3		3.00	29	4.5	4	
B705	(6333 × 8233) × 4000MjR	79379⊗	5	7	4	1	3.06	28	4	4	
B706	(6366 × 5238) × 3035	490-5	1	10	6		2.29	71	4	4	
B707	(6333 × 5438) × 9253	643-3	1	9	4	3	2.53	51	4	4	
B708	(5280 × 7808) × 3999MjR	79359×354	2	5	6	4	2.71	39	4.5	4	
B709	(6366 × 5238) × 5497	160-5	4	7	6		2.12	77	4	4	
B710	Inverness F1	Bejo		7	8	2	2.71	40	3	4	
B711	(2144 × 2126) × 5438	393-4	1	8	7	1	2.47	56	4.5	4	
B712	(2566 × 6253) × 4002MjR	79391⊗	1	8	8		2.41	62	4	4	
B713	(2566 × 6253) × 7254	644-2		6	7	4	2.88	30	4	4	
B714	Sweet Bites	Harris Moran	1	11	4	1	2.29	72	4	4	
B715	(2144 × 8503) × 3035	640-2	5	10	2		1.82	89	4	4	
B716	(2126 × 6253) × 3999MjR	79355	4	9	4		2.00	81	3.5	4	
B717	(6366 × 8378) × 7403	240-7	2	8	5.5	1.5	2.38	69	2	4	
B718	XCR-2428	Sakata		6	10	1	3.71	5	4	3	
B719	(2566 × 6333) × 7322	646-4	1	7	8	1	2.53	52	4.5	4	
B720	KXPC-165	Integra	1	6	9.5	0.5	2.56	50	4.5	4	
B721	(6366 × 2205) × 6253	641-8	2	3	9.5	2.5	2.74	38	4	4	
B722	(6366 × 2226) × 3999MjR	79361×354	3	5	8	1	2.41	63	2.5	3.5	
B723	(6366 × 8378) × 7322	491-5		4	12	1	2.82	34	2.5	4	
B724	NRC M587	Nunhems		2	4	9	2	3.65	7	4	4
B725	(6366 × 2226) × 3035	640-6	5	11	1		1.76	91	3.5	4	
B726	(6253 × 2205) × 6253	641-7	5	9	3		1.88	86	3	3.5	
B727	71 1603	Seminis				8	9	4.53	1	4	4
B728	(5280 × 7808) × 4000MjR	79377⊗	3	9	5		3.12	25	4	4.5	
B729	(6253 × 2144) × 9256	395-2		1	12	4.5	3.21	19	4	4	
B730	VAC-47 F1	Vilmorin	1	9	6	1	2.41	64	4	4	
B731	(6366 × 5238) × 6333	642-5	1	5	11		2.59	45	3.5	4	
B732	FCR-6157	Sakata	2	6.5	7.5	1	3.44	14	4	4.5	
B733	[(5280×6366) × V.long] × Long	220-4	7	8.5	1.5		2.68	43	4	4	
B734	TopCut 93	Nunhems		2	11	4.5	4.15	3	4	4	
B735	(2144 × 7241) × 6253	641-5		4	11	2	2.88	31	4	4.5	
B736	HMX-2280	Harris Moran	1	1	4	9.5	1.5	3.56	9	2.5	4
B737	(2126 × 2144) × 6333	642-3		6	8	2	2.75	37	4.5	4.5	
B738	NRC M467	Nunhems	1	1	5.5	7.5	2	3.50	11	4.5	4
B739	(2126 × 7808) × 6253	641-2	2	6	9		2.41	65	4	4	
B740	Marmalade-71 1441	Seminis			7	8	2	3.71	6	3	4
B741	(2144 × 2126) × 6333	642-2		9	8		2.47	57	3.5	4	
B742	9253	643-1	1	13	3		2.12	78	4	4	
B743	UpperCut 25	Nunhems			3	8	6	4.18	2	4	4.5
B744	(6366 × 2226) × 5438	157-7		5	11	1	2.76	36	2.5	4	
B745	Imperial Cuts	Integra	2	8	6	1	3.35	15	4	4	
B746	(5492 × 6333) × 6253	641-6	1	8	6	1	1	2.59	46	5	4
B747	HMX 3297	Harris Moran	1	6	9	1	3.59	8	4	4	
B748	(5280 × 7808) × 6253	641-3	3	7	6	1	3.29	17	4	4	
B749	KXPC-222R	Integra	2	8.5	6	0.5	3.29	18	4.5	4.5	
B750	(5280 × 6366) × FN2-9	487-3	3	8	6		3.18	21	4	4.5	
B751	NRC M565	Nunhems	4	4	8.5	0.5	3.32	16	3	4	
B752	(6333 × 6366) × 7241	739-8		5	10	2	2.82	35	4	4	
B753	Interceptor F1	Bejo	1	9	7		2.35	70	4.5	4	
B754	6333 × 8233 ²	297-3	5	9	3		1.88	87	4.5	4.5	

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Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
B755	{[(7241×2126)×8483 ²]×4000MjR}×3999MjR	79365⊗	9	6	2			1.59	94	2	4
B756	Copperhead	Sakata		1	3	9	4	3.94	4	3.5	4
B757	(6366 × 2226) × 7808	241-2	6	11				1.65	92	4	4.5
B758	HMX 5281	Harris Moran		2	12	3.5		3.09	26	4	4.5
B759	(6253 × 2144) × 2126	145-2	2	6	9			2.41	66	4	4
B760	NUN 8577	Nunhems		5	6.5	4.5	1	3.09	27	3.5	4
B761	(6253 × 2144) × 7322	296-3	3	7	6	1		2.29	73	2.5	4
B762	KXPC-107	Integra			9	7.5	0.5	3.50	12	4	3
B763	(5280 × 6274L) × 9253	643-2	3	11	3			2.00	82	4	4
B764	Propeel	Seminis		2	10	5		3.18	22	4	4
B765	(5280 × 6366) × V.long	320-3	2	6	7.5	1.5		2.50	54	2.5	4
B766	(6333 × 6366) × 7322	569-5	4	9	4			2.00	83	4	3
B767	(5280 × 6366) × V.long	122-4	3	9	5			2.12	79	2.5	4
B768	(6366 × 8378) × 7322	569-4	3	12	2			1.94	85	4	4
B769	{[(6366×2226)×8503]×8531}×3999MjR	79369⊗	13	3.5	1			1.32	96	2	3.5
B770	Sorbet-71 1405	Seminis			8	9		3.53	10	3.5	4
B771	(2126 × 2144) × 7322	646-2	4	9	4			2.00	84	4	4.5
B772	HM 02	Harris Moran	2	7	7	1		2.41	67	3	4
B773	(6366 × 2226) × 9253	643-5	2	9	6			2.24	75	4	4
B774	(2144 × 2126) × 4002MjR	79389⊗	2	3	10	2		2.71	41	4	4
B775	Dyna Bites	Harris Moran		4	11	2		2.88	32	3.5	4
B776	(6333 × 8233) × 7808	394-3	1	10	6			2.29	74	4	3
B777	{[(6333 × 5438) × 5438] × 9253	643-4	1	6	9	1		2.59	47	3	4
B778	SugarSnax 54	Nunhems			10	6	1	3.47	13	4	4
B779	(2566 × 6253) × 4000MjR	79375⊗	3	4	9	1		2.47	58	3	4
B780	(2126 × 6253) × 4000MjR	79371⊗	1	7	6	3		2.65	44	3	4
B781	Bejo 2724 F1	Bejo	1	5	9	2		2.71	42	4.5	4
B782	(5280 × 6366) × 3035	640-4	3	13	1			1.88	88	4	4
B783	71 1555	Seminis		2	11	3	1	3.18	23	4	4.5
B784	(6253 × 2144) × 3035	640-5	1	4	8	4		2.88	33	4	4
B785	(2126 × 7808) × 4000MjR	79373⊗	3	3	9	2		2.59	48	3	4
B786	(5280 × 2126) × 3035	640-7	2	5	9	1		2.53	53	4	4.5
B787	Tastypeel	Seminis	1	4	5.5	4.5	2	3.15	24	2.5	4
B788	(5280 × 6366) × 7254	644-4	2	6	8	1		2.47	59	4	4
B789	(6366 × 5238) × 7322	646-5	1	7	7	2		2.59	49	4	4
B790	XCR-3617	Sakata	1	1	8.5	6.5		3.21	20	3.5	4
B791	(2126 × 7808) × 1111	390-2	1	8	7	1		2.47	60	4	4.5
B792	KXPC-162	Integra	2	7	5.5	2.5		2.50	55	2.5	4
B793	(5280 × 6366) × 4002MjR	79393⊗	5	5	7			2.12	80	4	4
B794	(5280 × 5238) × 3035 -or- (5280 × 6274L) × 7254	640-3	7	9	1			1.65	93	4	4
B795	(2126 × 7241) × 7322	646-3	4	12	1			1.82	90	3	4
B796	{[(7241×2126)×8483 ²]×4000MjR}×4002MjR	693-5	8	8	1			1.59	95	2	4
B797	(2126 × 7808) × 3999MjR	79357×354	2	6	8	1		2.47	61	4	4
B798	(6333 × 5438) × 7808	029-11	2	9	6			2.24	76	3	4
B799	(2302 × 6366) × 7322	168-5	2	7	7	1		2.41	68	4	4

¹ Mean based on average of 17 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

² Flavor (1 judge): H = Harshness: 1=Very harsh, 5=Very mild;
S = Sweetness: 1=Not sweet, 5=Very sweet

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Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
Entries Listed by Rank											
B727	71 1603	Seminis				8	9	4.53	1	4	4
B743	UpperCut 25	Nunhems			3	8	6	4.18	2	4	4.5
B734	TopCut 93	Nunhems			2	11	4.5	4.15	3	4	4
B756	Copperhead	Sakata	1	3	9	4		3.94	4	3.5	4
B718	XCR-2428	Sakata			6	10	1	3.71	5	4	3
B740	Marmalade-71 1441	Seminis			7	8	2	3.71	6	3	4
B724	NRC M587	Nunhems	2	4	9	2		3.65	7	4	4
B747	HMX 3297	Harris Moran	1	6	9	1		3.59	8	4	4
B736	HMX-2280	Harris Moran	1	1	4	9.5	1.5	3.56	9	2.5	4
B770	Sorbet-71 1405	Seminis			8	9		3.53	10	3.5	4
B738	NRC M467	Nunhems	1	1	5.5	7.5	2	3.50	11	4.5	4
B762	KXPC-107	Integra			9	7.5	0.5	3.50	12	4	3
B778	SugarSnax 54	Nunhems			10	6	1	3.47	13	4	4
B732	FCR-6157	Sakata	2	6.5	7.5	1		3.44	14	4	4.5
B745	Imperial Cuts	Integra	2	8	6	1		3.35	15	4	4
B751	NRC M565	Nunhems	4	4	8.5	0.5		3.32	16	3	4
B748	(5280 × 7808) × 6253	641-3	3	7	6	1		3.29	17	4	4
B749	KXPC-222R	Integra	2	8.5	6	0.5		3.29	18	4.5	4.5
B729	(6253 × 2144) × 9256	395-2	1	12	4.5			3.21	19	4	4
B790	XCR-3617	Sakata	1	1	8.5	6.5		3.21	20	3.5	4
B750	(5280 × 6366) × FN2-9	487-3	3	8	6			3.18	21	4	4.5
B764	Propeel	Seminis	2	10	5			3.18	22	4	4
B783	71 1555	Seminis	2	11	3	1		3.18	23	4	4.5
B787	Tastypeel	Seminis	1	4	5.5	4.5	2	3.15	24	2.5	4
B728	(5280 × 7808) × 4000MjR	79377⊗	3	9	5			3.12	25	4	4.5
B758	HMX 5281	Harris Moran	2	12	3.5			3.09	26	4	4.5
B760	NUN 8577	Nunhems	5	6.5	4.5	1		3.09	27	3.5	4
B705	(6333 × 8233) × 4000MjR	79379⊗	5	7	4	1		3.06	28	4	4
B704	(2144 × 7241) × 6333	642-4	3	11	3			3.00	29	4.5	4
B713	(2566 × 6253) × 7254	644-2	6	7	4			2.88	30	4	4
B735	(2144 × 7241) × 6253	641-5	4	11	2			2.88	31	4	4.5
B775	Dyna Bites	Harris Moran	4	11	2			2.88	32	3.5	4
B784	(6253 × 2144) × 3035	640-5	1	4	8	4		2.88	33	4	4
B723	(6366 × 8378) × 7322	491-5	4	12	1			2.82	34	2.5	4
B752	(6333 × 6366) × 7241	739-8	5	10	2			2.82	35	4	4
B744	(6366 × 2226) × 5438	157-7	5	11	1			2.76	36	2.5	4
B737	(2126 × 2144) × 6333	642-3	6	8	2			2.75	37	4.5	4.5
B721	(6366 × 2205) × 6253	641-8	2	3	9.5	2.5		2.74	38	4	4
B708	(5280 × 7808) × 3999MjR	79359×354	2	5	6	4		2.71	39	4.5	4
B710	Inverness F1	Bejo	7	8	2			2.71	40	3	4
B774	(2144 × 2126) × 4002MjR	79389⊗	2	3	10	2		2.71	41	4	4
B781	Bejo 2724 F1	Bejo	1	5	9	2		2.71	42	4.5	4
B733	[(5280×6366) × V.long] × Long	220-4	7	8.5	1.5			2.68	43	4	4
B780	(2126 × 6253) × 4000MjR	79371⊗	1	7	6	3		2.65	44	3	4
B731	(6366 × 5238) × 6333	642-5	1	5	11			2.59	45	3.5	4
B746	(5492 × 6333) × 6253	641-6	1	8	6	1	1	2.59	46	5	4
B777	[(6333 × 5438) × 5438] × 9253	643-4	1	6	9	1		2.59	47	3	4
B785	(2126 × 7808) × 4000MjR	79373⊗	3	3	9	2		2.59	48	3	4
B789	(6366 × 5238) × 7322	646-5	1	7	7	2		2.59	49	4	4
B720	KXPC-165	Integra	1	6	9.5	0.5		2.56	50	4.5	4
B707	(6333 × 5438) × 9253	643-3	1	9	4	3		2.53	51	4	4
B719	(2566 × 6333) × 7322	646-4	1	7	8	1		2.53	52	4.5	4
B786	(5280 × 2126) × 3035	640-7	2	5	9	1		2.53	53	4	4.5
B765	(5280 × 6366) × V.long	320-3	2	6	7.5	1.5		2.50	54	2.5	4

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Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
B792	KXPC-162	Integra	2	7	5.5	2.5	2.50	55	2.5	4	
B711	(2144 × 2126) × 5438	393-4	1	8	7	1	2.47	56	4.5	4	
B741	(2144 × 2126) × 6333	642-2		9	8		2.47	57	3.5	4	
B779	(2566 × 6253) × 4000MjR	79375⊗	3	4	9	1	2.47	58	3	4	
B788	(5280 × 6366) × 7254	644-4	2	6	8	1	2.47	59	4	4	
B791	(2126 × 7808) × 1111	390-2	1	8	7	1	2.47	60	4	4.5	
B797	(2126 × 7808) × 3999MjR	79357×354	2	6	8	1	2.47	61	4	4	
B712	(2566 × 6253) × 4002MjR	79391⊗	1	8	8		2.41	62	4	4	
B722	(6366 × 2226) × 3999MjR	79361×354	3	5	8	1	2.41	63	2.5	3.5	
B730	VAC-47 F1	Vilmorin	1	9	6	1	2.41	64	4	4	
B739	(2126 × 7808) × 6253	641-2	2	6	9		2.41	65	4	4	
B759	(6253 × 2144) × 2126	145-2	2	6	9		2.41	66	4	4	
B772	HM 02	Harris Moran	2	7	7	1	2.41	67	3	4	
B799	(2302 × 6366) × 7322	168-5	2	7	7	1	2.41	68	4	4	
B717	(6366 × 8378) × 7403	240-7	2	8	5.5	1.5	2.38	69	2	4	
B753	Interceptor F1	Bejo	1	9	7		2.35	70	4.5	4	
B706	(6366 × 5238) × 3035	490-5	1	10	6		2.29	71	4	4	
B714	Sweet Bites	Harris Moran	1	11	4	1	2.29	72	4	4	
B761	(6253 × 2144) × 7322	296-3	3	7	6	1	2.29	73	2.5	4	
B776	(6333 × 8233) × 7808	394-3	1	10	6		2.29	74	4	3	
B773	(6366 × 2226) × 9253	643-5	2	9	6		2.24	75	4	4	
B798	(6333 × 5438) × 7808	029-11	2	9	6		2.24	76	3	4	
B709	(6366 × 5238) × 5497	160-5	4	7	6		2.12	77	4	4	
B742	9253	643-1	1	13	3		2.12	78	4	4	
B767	(5280 × 6366) × V.long	122-4	3	9	5		2.12	79	2.5	4	
B793	(5280 × 6366) × 4002MjR	79393⊗	5	5	7		2.12	80	4	4	
B716	(2126 × 6253) × 3999MjR	79355	4	9	4		2.00	81	3.5	4	
B763	(5280 × 6274L) × 9253	643-2	3	11	3		2.00	82	4	4	
B766	(6333 × 6366) × 7322	569-5	4	9	4		2.00	83	4	3	
B771	(2126 × 2144) × 7322	646-2	4	9	4		2.00	84	4	4.5	
B768	(6366 × 8378) × 7322	569-4	3	12	2		1.94	85	4	4	
B726	(6253 × 2205) × 6253	641-7	5	9	3		1.88	86	3	3.5	
B754	6333 × 8233 ²	297-3	5	9	3		1.88	87	4.5	4.5	
B782	(5280 × 6366) × 3035	640-4	3	13	1		1.88	88	4	4	
B715	(2144 × 8503) × 3035	640-2	5	10	2		1.82	89	4	4	
B795	(2126 × 7241) × 7322	646-3	4	12	1		1.82	90	3	4	
B725	(6366 × 2226) × 3035	640-6	5	11	1		1.76	91	3.5	4	
B757	(6366 × 2226) × 7808	241-2	6	11			1.65	92	4	4.5	
B794	(5280 × 5238) × 3035 -or- (5280 × 6274L) × 7254	640-3	7	9	1		1.65	93	4	4	
B755	{[(7241×2126)×8483 ²]×4000MjR}×3999MjR	79365⊗	9	6	2		1.59	94	2	4	
B796	{[(7241×2126)×8483 ²]×4000MjR}×4002MjR	693-5	8	8	1		1.59	95	2	4	
B769	{[(6366×2226)×8503]×8531}×3999MjR	79369⊗	13	3.5	1		1.32	96	2	3.5	
B701	Imperial Cuts	Integra		1	8	7	1	3.47		4	4
B702	UpperCut 25	Nunhems			3	9.5	4.5	4.09		4	4
B703	Sweet Bites	Harris Moran		3	11	3		3.00		4	4

¹ Mean based on average of 17 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

² Flavor (1 judge): H = Harshness: 1=Very harsh, 5=Very mild; S = Sweetness: 1=Not sweet, 5=Very sweet

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Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²		
			1	2	3	4	5			H	S	Color
Entries Listed by Field Number												
T701	(7262 × Trksh)PYP × 9304	657-1		3.5	6.5	1		2.77	25	3	4	Purple
T702	Purple Rain F1	Bejo	4	6	1			1.73	50	2	4	Purple
T703	5280 × (Turkish × 7262)	60642M	2	1	6	2		2.73	26	3.5	3	Purple
T704	[(Trksh × 7262) × Bst Flvr]PY × 7262	665-1	2	3	4	1	1	2.64	29	4	4.5	Purple
T705	NRC P188	Nunhems	3	2	5	1		2.36	40	2	4.5	Purple
T706	(7262 × Trksh)PYP × 9304	671-1	2	6	1	2		2.27	42	2	3	Purple
T707	Purple Haze F1	Bejo	5	3	3			1.82	49	3	3.5	Purple
T708	7262 × Turkish	651-1	1.5	2.5	6	1		2.59	33	1	3.5	Purple
T709	Indigo Winter	Nunhems	1	3	3	4		2.91	19	3.5	4	Purple
T710	Eregli Turkey 1999	699-1	1		8	2		3.00	15	2	2	Purple
T711	Deep Purple F1	Bejo		3	6	2		2.91	20	4	3	Purple
T712	7262 × Turkish	218-6	1	4	5	1		2.55	34	4	4	Purple
T713	(7262 × Trksh)PYP × 9304	664-1		5	5	1		2.64	30	4	2.5	Purple
T714	Black Knight	Nunhems	1	5	4	1		2.45	36	3	3.5	Purple
T715	(7262 × Trksh)PYP × 9304	675-1	3	3	5			2.18	43	4	2	Purple
T716	(7262 × Trksh)PYP × 9304	60519M	4	2	4	1		2.18	44	3	2	Purple
T717	(7262 × Trksh)PYP × 9304	676-1	6	4		1		1.64	52	2	3.5	Purple
T718	(1131 × 7262) × 1131	79435⊗	5	5	1			1.64	53	4	4	Purple
T719	7262 × [(Trksh × 7262) × Bst Flvr]PY	677-1	5	5	1			1.64	54	4	4	Purple
T720	7262 × Turkish	218-7	1	2	7	1		2.73	27	4	3	Purple
T721	(7262 × Trksh)PYP × 9304	656-1		3	5	3		3.00	16	3	2	Purple
T722	(7262 × Trksh)PYP × 9304	58465M		7	3	1		2.45	37	4	2	Purple
T723	PI432903	001-4	2	6.5	2.5			3.05	14	2.5	3	Red
T724	432906PRC × 319858JP	209-1		3	4	4		3.09	10	3	3	Red
T725	PI432903	648-1	1	4	6			2.45	38	3.5	4	Red
T726	Flavor × R	649-1	4	5	1	1		1.91	47	4	3.5	Red
T727	432906PRC × 319858JP	650-1	1	6	1	3		2.55	35	2	3.5	Red
T728	(432906PRC × 319858JP, Kintoki, PI432903) × Flavor	652-1		3	5	3		3.00	17	3	3.5	Red
T729	(5280 × 6366) × R	411-2		3	5	3		3.00	18	4	3	Red
T730	[(2566 × 6253) × Red] × PI432903	303-2	3	2	4	2		2.45	39	3.5	3	Red
T731	(LWG-S × PI264543 ²) × (PI264543 × 2566)	697-1	3	5	3			2.00	46	4	2	Red
T732	[(7262×Trksh) × (7262×Trksh)]POr × (7262×Trksh)PYP	60358M	3	6	2			1.91	48	2	3	Yellow
T733	Forage carrot-Jaune Obtuse de Doubs	102-3		1	3	6	1	3.64	1	4	3.5	Yellow
T734	WAR × JOD	211-4			8	3		3.27	7	3	3	Yellow
T735	Mello Yello F1	Bejo			7	4		3.36	5	2	3	Yellow
T736	W.Belgian × JOD	211-1		3	6	2		2.91	21	3	3	Yellow
T737	NRC P169	Nunhems			6	3	2	3.64	2	3.5	3.5	Yellow
T738	WAR × JOD	698-1	1	1	8	1		2.82	23	4	4	Yellow
T739	[(7262×Trksh) × (7262×Trksh)]POr × (7262×Trksh)PYP	60363⊗	9	1	1			1.27	55	—	—	Yellow
T740	Yellowstone	Bejo		2	6	3		3.09	11	3	3.5	Yellow
T741	Lobbericher	102-2		2	6	3		3.09	12	4	3.5	Yellow
T742	(2566 × Trksh #2)PYP × 5280	60615⊗	5	4	2			1.73	51	4	4	Yellow
T743	Forage carrot-Jaune Obtuse de Doubs	211-8		3	6	2		2.91	22	3.5	3	Yellow
T744	W.Belgian × JOD	310-1		1	8	2		3.09	13	4	3.5	Yellow
T745	[(2566 × 6253) × dY] × [(2566 × Trksh #2)PYP × 5280]	60424×620	2	1.5	6.5	1		3.59	3	4	3.5	Yellow
T746	Crème de Lite	Nunhems	2	3	4	2		3.55	4	4.5	3	Mix
T747	Rainbow	Bejo	4	7				2.64	31	4	3.5	Mix
T748	Sherbert	Nunhems	1	6.5	2.5	1		3.32	6	3.5	4	Mix

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Entry	Pedigree or Name	Source	Number of Judges Placing in Class						Flavor ²			
			1	2	3	4	5	Mean ¹	Rank	H	S	Color
T749	White Satin F1	Bejo		2	4	5		3.27	8	2.5	3.5	White
T750	W.Wortel × BCVTHT	Seed Movement			9	2		3.18	9	2	3	White
T751	BCVTHT × WWortel	105-1		2	9			2.82	24	3.5	3	White
T752	WWortel × BCVTHT	696-1		9	2			2.18	45	4	2	White
T753	BCVTHT × W.Belgian	105-3	1	5	5			2.36	41	4	2	White
T754	WWortel × BCVTHT	695-1		5	5	1		2.64	32	4	2	White
T755	WWortel × BCVTHT	105-2		5	4	2		2.73	28	4.5	3	White

¹ Mean based on average of 11 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

² Flavor (1 judge):
H = Harshness: 1=Very harsh, 5=Very mild;
S = Sweetness: 1=Not sweet, 5=Very sweet

USDA California Carrot Trials 2007

Entry	Pedigree or Name	Source	Number of Judges Placing in Class							Flavor ²		
			1	2	3	4	5	Mean ¹	Rank	H	S	Color
Entries Listed by Rank												
T733	Forage carrot-Jaune Obtuse de Doubs	102-3	1	3	6	1	3.64	1	4	3.5	Yellow	
T737	NRC P169	Nunhems		6	3	2	3.64	2	3.5	3.5	Yellow	
T745	[(2566 × 6253) × dY] × [(2566 × Trksh #2)PYP × 5280]	60424×620	2	1.5	6.5	1	3.59	3	4	3.5	Yellow	
T746	Crème de Lite	Nunhems	2	3	4	2	3.55	4	4.5	3	Mix	
T735	Mello Yello F1	Bejo		7	4		3.36	5	2	3	Yellow	
T748	Sherbert	Nunhems	1	6.5	2.5	1	3.32	6	3.5	4	Mix	
T734	WAR × JOD	211-4		8	3		3.27	7	3	3	Yellow	
T749	White Satin F1	Bejo	2	4	5		3.27	8	2.5	3.5	White	
T750	W.Wortel × BCVTHT	Seed Movement		9	2		3.18	9	2	3	White	
T724	432906PRC × 319858JP	209-1	3	4	4		3.09	10	3	3	Red	
T740	Yellowstone	Bejo	2	6	3		3.09	11	3	3.5	Yellow	
T741	Lobbericher	102-2	2	6	3		3.09	12	4	3.5	Yellow	
T744	W.Belgian × JOD	310-1	1	8	2		3.09	13	4	3.5	Yellow	
T723	PI432903	001-4	2	6.5	2.5		3.05	14	2.5	3	Red	
T710	Eregli Turkey 1999	699-1	1	8	2		3.00	15	2	2	Purple	
T721	(7262 × Trksh)PYP × 9304	656-1	3	5	3		3.00	16	3	2	Purple	
T728	(432906PRC × 319858JP, Kintoki, PI432903) × Flavor	652-1	3	5	3		3.00	17	3	3.5	Red	
T729	(5280 × 6366) × R	411-2	3	5	3		3.00	18	4	3	Red	
T709	Indigo Winter	Nunhems	1	3	3	4	2.91	19	3.5	4	Purple	
T711	Deep Purple F1	Bejo	3	6	2		2.91	20	4	3	Purple	
T736	W.Belgian × JOD	211-1	3	6	2		2.91	21	3	3	Yellow	
T743	Forage carrot-Jaune Obtuse de Doubs	211-8	3	6	2		2.91	22	3.5	3	Yellow	
T738	WAR × JOD	698-1	1	1	8	1	2.82	23	4	4	Yellow	
T751	BCVTHT × WWortel	105-1	2	9			2.82	24	3.5	3	White	
T701	(7262 × Trksh)PYP × 9304	657-1		3.5	6.5	1	2.77	25	3	4	Purple	
T703	5280 × (Turkish × 7262)	60642M	2	1	6	2	2.73	26	3.5	3	Purple	
T720	7262 × Turkish	218-7	1	2	7	1	2.73	27	4	3	Purple	
T755	WWortel × BCVTHT	105-2		5	4	2	2.73	28	4.5	3	White	
T704	[(Trksh × 7262) × Bst Flvr]PY × 7262	665-1	2	3	4	1	2.64	29	4	4.5	Purple	
T713	(7262 × Trksh)PYP × 9304	664-1		5	5	1	2.64	30	4	2.5	Purple	
T747	Rainbow	Bejo		4	7		2.64	31	4	3.5	Mix	
T754	WWortel × BCVTHT	695-1		5	5	1	2.64	32	4	2	White	
T708	7262 × Turkish	651-1	1.5	2.5	6	1	2.59	33	1	3.5	Purple	
T712	7262 × Turkish	218-6	1	4	5	1	2.55	34	4	4	Purple	
T727	432906PRC × 319858JP	650-1	1	6	1	3	2.55	35	2	3.5	Red	
T714	Black Knight	Nunhems	1	5	4	1	2.45	36	3	3.5	Purple	
T722	(7262 × Trksh)PYP × 9304	58465M		7	3	1	2.45	37	4	2	Purple	
T725	PI432903	648-1	1	4	6		2.45	38	3.5	4	Red	
T730	[(2566 × 6253) × Red] × PI432903	303-2	3	2	4	2	2.45	39	3.5	3	Red	
T705	NRC P188	Nunhems	3	2	5	1	2.36	40	2	4.5	Purple	
T753	BCVTHT × W.Belgian	105-3	1	5	5		2.36	41	4	2	White	
T706	(7262 × Trksh)PYP × 9304	671-1	2	6	1	2	2.27	42	2	3	Purple	
T715	(7262 × Trksh)PYP × 9304	675-1	3	3	5		2.18	43	4	2	Purple	
T716	(7262 × Trksh)PYP × 9304	60519M	4	2	4	1	2.18	44	3	2	Purple	
T752	WWortel × BCVTHT	696-1		9	2		2.18	45	4	2	White	
T731	(LWG-S × PI264543 ²) × (PI264543 × 2566)	697-1	3	5	3		2.00	46	4	2	Red	
T726	Flavor × R	649-1	4	5	1	1	1.91	47	4	3.5	Red	
T732	[(7262×Trksh) × (7262×Trksh)]POr × (7262×Trksh)PYP	60358M	3	6	2		1.91	48	2	3	Yellow	

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Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²		
			1	2	3	4	5			H	S	Color
T707	Purple Haze F1	Bejo	5	3	3			1.82	49	3	3.5	Purple
T702	Purple Rain F1	Bejo	4	6	1			1.73	50	2	4	Purple
T742	(2566 × Trksh #2)PYP × 5280	60615⊗	5	4	2			1.73	51	4	4	Yellow
T717	(7262 × Trksh)PYP × 9304	676-1	6	4		1		1.64	52	2	3.5	Purple
T718	(1131 × 7262) × 1131	79435⊗	5	5	1			1.64	53	4	4	Purple
T719	7262 × [(Trksh × 7262) × Bst Flvr]PY	677-1	5	5	1			1.64	54	4	4	Purple
T739	[(7262×Trksh) × (7262×Trksh)]POr × (7262×Trksh)PYP	60363⊗	9	1	1			1.27	55	—	—	Yellow

¹ Mean based on average of 11 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

² Flavor (1 judge):

H = Harshness: 1=Very harsh, 5=Very mild;

S = Sweetness: 1=Not sweet, 5=Very sweet