



United States Department of Agriculture

Research, Education, and Economics
Agricultural Research Service

March 27, 2006

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

The results of the 2005- 2006 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 and provide us with their scores on such a windy day. We are very grateful to DREC staff for their cooperation and excellent assistance. Their help is greatly appreciated. Thank you.

Please note that flavor scores for the baby carrot trial are likely somewhat inflated this year because Phil made flavor evaluations after roots became somewhat wilted. Next year this will be the first group evaluated for flavor.



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An Equal Opportunity Employer

USDA California Carrot Trials 2006

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²		
			1	2	3	4	5			H	S	
Cello Carrots—Entries Listed by Field Number												
C601	Enterprise	Standard Varieties	Seminis	1	2	8	6	1	3.22	---	4.5	4
C602	Choctaw		Nunhems			4	12	2	3.89	---	4	4
C603	Sunrise		Crookham		3	11	4		3.06	---	4	4.5
C604	(2144 × 2126) × 6526MjR		162-6	1	10	7	2		2.50	43	4.5	4.5
C605	(6333 × 8233) × 6526		162-5		6	10	4		2.90	19	4	4
C606	(5280 × 7808) × 3035		490-4	1	2	13	4		3.00	14	3.5	3.5
C607	Nevada F1		Bejo	1	6	8.5	4.5		2.83	24	4	4
C608	(6366 × 2226) × 8524MjR		176-6	2	5	8.5	4.5		2.78	27	4.5	4
C609	71 1309		Seminis	2	9	8	1		2.40	45	4	3.5
C610	(2126 × 6253) × 3035		322-2	1	1	8	8	1	3.37	3	4	4.5
C611	Six Shooter		HM	1	6	10	3		2.75	29	4	4
C612	(7241 × 2126) × 0186		135-2	2	10	6	2		2.40	46	2.5	3.5
C613	SRC M297		Nunhems	1	5	10	4		2.85	22	4	4
C614	(6366 × 2226) × 7403		169-2	1	1	11.5	6.5		3.18	7	4	5
C615	(2144 × 8503MjR) × 8233		171-7		5	13	1	1	2.90	20	4	4
C616	Tomahawk		Crookham	1	5	9.5	3.5	1	2.93	18	3	3.5
C617	(2126 × 7808) × 3035		322-3	2	6	11	1		2.55	41	4	3.5
C618	(2566 × 6253) × 7808		029-9		7	9.5	3.5		2.83	25	4	4
C619	Big Sur		Nunhems		6	6	8		3.10	8	3.5	4
C620	(9304 × 5238) × 1111		225-6		7	8.5	4.5		2.88	21	4	3
C621	(6366 × 2226) × 6526MjR		738-2	1	9	7	3		2.60	37	3.5	4
C622	2144 × 2126		009-3	4	8	7	1		2.25	49	3.5	4.5
C623	RNF04-58		Crookham	2	6	8.5	3.5		2.68	35	4	4
C624	(5280 × 7808) × 1111		225-7	1	5	6.5	6	1.5	3.10	9	4	4
C625	71 2236		Seminis	2	3	8	5	2	3.10	10	4	3.5
C626	(6366 × 5238) × 5497		160-5	10	6	3	1		1.75	59	3.5	4
C627	XCR-2586		Sakata	3	2	8	7		2.95	17	3.5	4
C628	(6366 × 2226) × 5280		154-7	7	7	6			1.95	56	4	4
C629	HMX 4308		HM	2	3	9	5	1	3.00	15	4	4
C630	5280 × 8378		032-7	6	9	5			1.95	57	3	4
C631	Dillon		Nunhems	5	8	6	1		2.15	54	3.5	4
C632	(6333 × 8233) × 1137		391-2	2	12	6			2.20	52	4	4.5
C633	Enterprise		Seminis	1	7	10	2		2.65	36	3	4
C634	(7241 × 2126) × 8524MjR		248-5		5	10	5		3.00	16	4	4.5
C635	(5280 × 6366) × 6526MjR		630-2		4	8	6	1	3.21	6	3	4
C636	KXPC-202		Integra	1	5	10	4		2.85	23	3	3.5
C637	(6366 × 2226) × 8233		171-6	2	5	8.5	4.5		2.78	28	4.5	4
C638	KXPC-200		Integra	5	8	7			2.10	55	3.5	4
C639	(5280 × 7808) × 8503MjR		246-6	2	8	10			2.40	47	3.5	4.5
C640	(6333 × 8483MjR) × 2126		145-3	1	7	8	4		2.75	30	3	4
C641	XCR-1357		Sakata			5	12	3	3.90	1	4.5	4
C642	(6333 × 6366) × 8233		297-5		7	5	8		3.05	12	4	4.5
C643	Envy		Seminis		4	7	8	1	3.30	4	4	4
C644	S.C. × 7403MjR-B		820-6		2	11	7		3.25	5	4	3.5
C645	Maverick		Nunhems	1	6	11	2		2.70	32	4	4.5
C646	(2144 × 2126) × 1111		137-4		9	10	1		2.60	38	4	4
C647	Sun 255		Nunhems		9	7	4		2.75	31	3.5	4.5
C648	(6366 × 8378) × 8524MjR		176-5		4	11	4	1	3.10	11	2.5	3.5
C649	S.C. × 8542MjR-B		821-6	2	6	10	2		2.60	39	4	4
C650	KXPC-168		Integra	2	8	9	1		2.45	44	4	4
C651	(6274 × 5280) × 7403		820-4	3	8	8	1		2.35	48	4	3.5

USDA California Carrot Trials 2006

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
C658	Choctaw	Nunhems	1	7	12			2.55	42	4	4.5
C659	(6333 × 8233) × 2126	145-7	1	7	9	3		2.70	33	3	4
C660	(5280 × 6366) × 8233	031-11	1	6	11	2		2.70	34	3.5	4
C661	(2144 × 5494) × 1111	488-2		8	12			2.60	40	4	4
C662	(2144 × 8503MjR) × 8524MjR	176-7		2	9	8	1	3.40	2	4.5	4

Average Score: 2.75

¹ Mean based on average of 20 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 2006

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
Cello Carrots—Entries Listed by Rank											
C641	XCR-1357	Sakata			5	12	3	3.90	1	4.5	4
C662	(2144 × 8503MjR) × 8524MjR	176-7		2	9	8	1	3.40	2	4.5	4
C610	(2126 × 6253) × 3035	322-2	1	1	8	8	1	3.37	3	4	4.5
C643	Envy	Seminis		4	7	8	1	3.30	4	4	4
C644	S.C. × 7403MjR-B	820-6		2	11	7		3.25	5	4	3.5
C635	(5280 × 6366) × 6526MjR	630-2		4	8	6	1	3.21	6	3	4
C614	(6366 × 2226) × 7403	169-2	1	1	11.5	6.5		3.18	7	4	5
C619	Big Sur	Nunhems		6	6	8		3.10	8	3.5	4
C624	(5280 × 7808) × 1111	225-7	1	5	6.5	6	1.5	3.10	9	4	4
C625	71 2236	Seminis	2	3	8	5	2	3.10	10	4	3.5
C648	(6366 × 8378) × 8524MjR	176-5		4	11	4	1	3.10	11	2.5	3.5
C642	(6333 × 6366) × 8233	297-5		7	5	8		3.05	12	4	4.5
C657	(5280 × 5238) × 7241	027-5		4	12	3	1	3.05	13	3	4
C606	(5280 × 7808) × 3035	490-4	1	2	13	4		3.00	14	3.5	3.5
C629	HMX 4308	HM	2	3	9	5	1	3.00	15	4	4
C634	(7241 × 2126) × 8524MjR	248-5		5	10	5		3.00	16	4	4.5
C627	XCR-2586	Sakata	3	2	8	7		2.95	17	3.5	4
C616	Tomahawk	Crookham	1	5	9.5	3.5	1	2.93	18	3	3.5
C605	(6333 × 8233) × 6526	162-5		6	10	4		2.90	19	4	4
C615	(2144 × 8503MjR) × 8233	171-7		5	13	1	1	2.90	20	4	4
C620	(9304 × 5238) × 1111	225-6		7	8.5	4.5		2.88	21	4	3
C613	SRC M297	Nunhems	1	5	10	4		2.85	22	4	4
C636	KXPC-202	Integra	1	5	10	4		2.85	23	3	3.5
C607	Nevada F1	Bejo	1	6	8.5	4.5		2.83	24	4	4
C618	(2566 × 6253) × 7808	029-9		7	9.5	3.5		2.83	25	4	4
C655	71 9202	Seminis	2	5	9	3	1	2.80	26	4	4
C608	(6366 × 2226) × 8524MjR	176-6	2	5	8.5	4.5		2.78	27	4.5	4
C637	(6366 × 2226) × 8233	171-6	2	5	8.5	4.5		2.78	28	4.5	4
C611	Six Shooter	HM	1	6	10	3		2.75	29	4	4
C640	(6333 × 8483MjR) × 2126	145-3	1	7	8	4		2.75	30	3	4
C647	Sun 255	Nunhems		9	7	4		2.75	31	3.5	4.5
C645	Maverick	Nunhems	1	6	11	2		2.70	32	4	4.5
C659	(6333 × 8233) × 2126	145-7	1	7	9	3		2.70	33	3	4
C660	(5280 × 6366) × 8233	031-11	1	6	11	2		2.70	34	3.5	4
C623	RNF04-58	Crookham	2	6	8.5	3.5		2.68	35	4	4
C633	Enterprise	Seminis	1	7	10	2		2.65	36	3	4
C621	(6366 × 2226) × 6526MjR	738-2	1	9	7	3		2.60	37	3.5	4
C646	(2144 × 2126) × 1111	137-4		9	10	1		2.60	38	4	4
C649	S.C. × 8542MjR-B	821-6	2	6	10	2		2.60	39	4	4
C661	(2144 × 5494) × 1111	488-2		8	12			2.60	40	4	4
C617	(2126 × 7808) × 3035	322-3	2	6	11	1		2.55	41	4	3.5
C658	Choctaw	Nunhems	1	7	12			2.55	42	4	4.5
C604	(2144 × 2126) × 6526MjR	162-6	1	10	7	2		2.50	43	4.5	4.5
C650	KXPC-168	Integra	2	8	9	1		2.45	44	4	4
C609	71 1309	Seminis	2	9	8	1		2.40	45	4	3.5
C612	(7241 × 2126) × 0186	135-2	2	10	6	2		2.40	46	2.5	3.5
C639	(5280 × 7808) × 8503MjR	246-6	2	8	10			2.40	47	3.5	4.5
C651	(6274 × 5280) × 7403	820-4	3	8	8	1		2.35	48	4	3.5
C622	2144 × 2126	009-3	4	8	7	1		2.25	49	3.5	4.5
C654	(6366 × 2226) × 2144	802-3	2	11	7			2.25	50	4	4.5
C656	(6333 × 8233) × 1111	137-3	3	9	8			2.25	51	3.5	4
C632	(6333 × 8233) × 1137	391-2	2	12	6			2.20	52	4	4.5
C653	(5280 × 5238) × 8233	031-10	4	9	6	1		2.20	53	4	4
C631	Dillon	Nunhems	5	8	6	1		2.15	54	3.5	4
C638	KXPC-200	Integra	5	8	7			2.10	55	3.5	4
C628	(6366 × 2226) × 5280	154-7	7	7	6			1.95	56	4	4
C630	5280 × 8378	032-7	6	9	5			1.95	57	3	4

USDA California Carrot Trials 2006

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
C652	Sunrise	Crookham	4	13	3			1.95	58	4.5	4
C626	(6366 × 5238) × 5497	160-5	10	6	3	1		1.75	59	3.5	4
C601	Enterprise	Seminis	1	2	8	6	1	3.22	---	4.5	4
C602	Choctaw	Nunhems			4	12	2	3.89	---	4	4
C603	Sunrise	Crookham		3	11	4		3.06	---	4	4.5

Average Score: 2.75

¹ Mean based on average of 20 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 2006

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
Baby Carrots—Entries Listed by Field Number											
B601	Imperial Cuts	Integra		2	5	8	3	3.67	---	4	4
B602	SugarSnax 54	Nunhems		1	8	6	3	3.61	---	4	4
B603	Sweet Bites	HM		4	8.5	4.5	1	3.14	---	4	4
B604	(2144 × 5238) × 9256	254-7	6	8	5			1.95	86	4	4
B605	(6366 × 8378) × 7403	240-7		2	9.5	5.5	2	3.39	11	4	4
B606	Iverness F1	Bejo	1	3	6	5	4	3.42	9	4	4
B607	(6253 × 2144) × 9256	395-2	2	4	11	2		2.68	40	3	4
B608	71 1405	Seminis	1	2	6	7.5	2.5	3.45	7	4	4
B609	(6366 × 2226) × 2126	009-9	1	8	8.5	1.5		2.55	51	4	4
B610	PrimeCut 59	Nunhems		7	5	4	3	3.16	16	4	4
B611	(6333 × 8542MjR) × 5497	160-3	4	6	8	1		2.32	65	4	4
B612	(6253 × 2144) × 2254	147-2	5	7	6	1		2.16	77	4	4
B613	(6333 × 6366) × 7322	569-5		5	6	8		3.16	17	4	4
B614	(5280 × 6366) × 1111	225-2	8	6	4	1		1.89	92	3	4
B615	XCR-9850	Sakata	1	1	1	9.5	6.5	4.03	1	3	4
B616	(5280 × 6366) × 5438	017-7	1	10	8			2.37	62	4	4
B617	Independent F1	Bejo		2	7	10		3.42	10	4	4
B618	(6333 × 6366) × 7241	739-8		4	10	5		3.05	22	4	4
B619	KXPC-140	Integra	2	6	7.5	3	0.5	2.68	41	4	4
B620	(6366 × 8378) × 7322	491-5	1	4	10.5	3.5		2.87	31	3.5	4
B621	VAC-47	Vilmorin	2	3	11	3		2.79	33	4	4
B622	(5280 × 6366) × Nts.long	222-8	6	6	7			2.05	81	4	3
B623	TopCut 93	Nunhems	1	6	6	4	2	3.00	25	4	4
B624	(6333 × 8233) × 8233	297-3	3	14	2			1.95	87	4	4
B625	(6366 × 8378) × 9256	395-4	2	8	7	2		2.47	58	4	3
B626	KXPC-060	Integra	3	3	4	6	3	3.16	18	3	3.5
B627	(6366 × 8378) × 3035	322-4	3	5	8	3		2.58	48	4	4
B628	(6366 × 6274) × 7403	240-2	6	5	5	3		2.26	69	4	4
B629	Sweet Bites	HM	2	2	13	2		2.79	34	4	4
B630	(6253 × 2144) × 1138	489-4	5	4	9	1		2.32	66	4	4
B631	71 1433	Seminis	1	4	5.5	6.5	2	3.24	15	4	4
B632	(2566 × 6253) × 1111	225-5	5	5	6	3		2.37	63	4	4
B633	(6333 × 5438 ²) × 6526MjR	572-5	4	8	5	2		2.26	70	4	4
B634	(6253 × 2144) × 6526MjR	025-6	4	4	8	3		2.53	53	4	3.5
B635	EXP 3-2419 F1	Bejo			7	10	2	3.74	4	2.5	4
B636	(6253 × 2144) × 7322	296-3		1	11	6.5	0.5	3.34	13	4	4
B637	(6366 × 8378) × 1138	392-3	2	9	7	1		2.37	64	4	4
B638	(5280 × 6366) × Nts.long	321-3	3	6	9	1		2.42	61	4	4
B639	(6333 × 8233) × 7808	394-3		4	11	4		3.00	26	3	4
B640	HMX 2280	HM	1	4	9	5		2.95	27	4	4
B641	(2126 × 6253) × FN2-9	487-5	2	6	8.5	2.5		2.61	47	4	4
B642	UpperCut 25	Nunhems		2	2.5	9	5.5	3.95	2	4	4
B643	(2126 × 7808) × 7322	168-6	2	6	9	2		2.58	49	4	4
B644	Copperhead	Sakata		5	4.5	7	2.5	3.37	12	3	4
B645	(6366 × 2144) × 8233	297-4	6	8	5			1.95	88	4	4
B646	(2144 × 2126) × 5438	393-4	1	6	9.5	2.5		2.71	39	4	4
B647	Imperial Cuts	Integra	1	6	8.5	3.5		2.76	38	4	4
B648	(2302 × 6366) × 7322	168-5	1	7	9	2		2.63	44	4	4
B649	XCR-3616	Sakata	6	5	6	2		2.21	75	4	4
B650	(6366 × 2226) × 5438	157-7	3	7	5.5	2.5	1	2.55	52	4	4
B651	(6366 × 2226) × 5438 ²	468-2	9	9	1			1.58	96	3	4
B652	SRC 8568	Nunhems	4	4	6	4	1	2.68	42	4	4
B653	(2126 × 7808) × 5438	393-3	6	8	5			1.95	89	4	4
B654	(6366 × 8378) × 7322	569-4	3	4	9	3		2.63	45	3	4
B655	71 1435	Seminis	1	3	2.5	7.5	5	3.66	5	3	4
B656	(6333 × 5438) × 8233	297-6	4	9	6			2.11	79	3	4
B657	(5280 × 6366) × Imp.long	123-23	2	10	7			2.26	71	4	4

USDA California Carrot Trials 2006

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
B658	RIF415	Crookham	2	15	1	1		2.05	82	4	4
B659	(5280 × 6366) × V.long	320-3	2	3	9	5		2.89	28	4	4
B660	(6366 × 5238) × 3035	490-5		8	7	3	1	2.84	32	4	4
B661	HMX 5281	HM	1	2	11	4	1	3.11	19	3	4
B662	(6253 × 2144) × 6333	023-11	3	9	6	1		2.26	72	3	4
B663	(6333 × 6366) × 6526MjR	738-4	5	8	6			2.05	83	3	4
B664	(5280 × 6366) × FN2-9	487-3	2	4	12	1		2.63	46	4	4
B665	KXPC-107	Integra		4	5	8.5	0.5	3.31	14	4	4
B666	(5280 × 5238) × 7322	296-2	2	7	9	1		2.47	59	3	4
B667	XCR-2428	Sakata	2	6	3	8		2.89	29	4	4
B668	(6253 × 2144) × FN2-9	487-2	3	6	7	3		2.53	54	4	4
B669	71 1441	Seminis		2	7	9.5	0.5	3.45	8	2.5	4
B670	(2566 × 6253) × 9256	180-5	4	8	6	1		2.21	76	4	4
B671	(5280 × 6366) × Long ²	220-4	2	3	11	3		2.79	35	4	4
B672	RNF04-128	Crookham	3	8	7	1		2.32	67	4	4
B673	(2566 × 6253) × 8233	297-2	4	6	9			2.26	73	4	4
B674	(2126 × 7808) × 9256	254-2	1	8	9	1		2.53	55	4	4
B675	(6253 × 2144) × 1111	390-4	4	4	8	3		2.53	56	3	4
B676	HMX 3297	HM	1	2	11	5		3.05	23	4	4
B677	(6253 × 2144) × 2126	145-2	1	5	12	1		2.68	43	4	4
B678	(6366 × 5238) × 7322	569-2	1	6	12			2.58	50	3	3
B679	(5280 × 6366) × 2126	010-3	4	12	3			1.95	90	4	4
B680	SugarSnax 54	Nunhems	3	9	6	1		2.26	74	4	4
B681	(2126 × 6253) × 1138	392-5	5	10	3			1.89	94	4	4
B682	(6333 × 5438) × 7808	029-11	3	10	6			2.16	78	4	4
B683	Tastypeel	Seminis	1	7	7	3	1	2.79	36	4	4
B684	(2126 × 7808) × 1111	390-2		4	9	6		3.11	20	4	4
B685	Trinity	Sakata		2	2	10	5	3.95	3	4	3
B686	KXPC-165	Integra	5	3	5	1.5	0.5	2.30	68	4	3
B687	(6253 × 2144) × 7808	394-2	4	10	4			2.00	84	4	4
B688	Dyna Bites	HM		5	8	6		3.05	24	4	4
B689	SRC M283	Nunhems		3	11	5		3.11	21	4	4
B690	(2144 × 5494) × 9256	395-3	2	6	10	1		2.53	57	4	4
B691	KXPC-222	Integra		2	7.5	7.5	2	3.50	6	3	3.5
B692	(5280 × 7808) × 9256	254-4	7	8	4			1.84	95	4	4
B693	KXPC-162	Integra	1	6	8	4		2.79	37	4	4
B694	(6253 × 2144) × 8233	031-12	5	11	3			1.89	93	4	4
B695	HM 02	HM	7	6	6			1.95	91	4	4
B696	(2144 × 2126) × 7322	569-3	5	3	8	3		2.47	60	4	4
B697	(5280 × 6366) × V.long	122-4		5	9	3		2.88	30	4	4
B698	(2144 × 5494) × 7808	394-4	3	11	5			2.11	80	4	4
B699	(5280 × 6366) × Imp.long ²	221-20	7	5	7			2.00	85	4	4

Average Score: 2.67

¹ Mean based on average of 19 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

Flavor scores for the 2006 baby carrot trial were gathered after carrots were wilted and consequently were likely elevated.

USDA California Carrot Trials 2006

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
Baby Carrots—Entries Listed by Rank											
B615	XCR-9850	Sakata	1	1	1	9.5	6.5	4.03	1	3	4
B642	UpperCut 25	Nunhems		2	2.5	9	5.5	3.95	2	4	4
B685	Trinity	Sakata		2	2	10	5	3.95	3	4	3
B635	EXP 3-2419 F1	Bejo			7	10	2	3.74	4	2.5	4
B655	71 1435	Seminis	1	3	2.5	7.5	5	3.66	5	3	4
B691	KXPC-222	Integra		2	7.5	7.5	2	3.50	6	3	3.5
B608	71 1405	Seminis	1	2	6	7.5	2.5	3.45	7	4	4
B669	71 1441	Seminis		2	7	9.5	0.5	3.45	8	2.5	4
B606	Iverness F1	Bejo	1	3	6	5	4	3.42	9	4	4
B617	Independent F1	Bejo		2	7	10		3.42	10	4	4
B605	(6366 × 8378) × 7403	240-7		2	9.5	5.5	2	3.39	11	4	4
B644	Copperhead	Sakata		5	4.5	7	2.5	3.37	12	3	4
B636	(6253 × 2144) × 7322	296-3		1	11	6.5	0.5	3.34	13	4	4
B665	KXPC-107	Integra		4	5	8.5	0.5	3.31	14	4	4
B631	71 1433	Seminis	1	4	5.5	6.5	2	3.24	15	4	4
B610	PrimeCut 59	Nunhems		7	5	4	3	3.16	16	4	4
B613	(6333 × 6366) × 7322	569-5		5	6	8		3.16	17	4	4
B626	KXPC-060	Integra	3	3	4	6	3	3.16	18	3	3.5
B661	HMX 5281	HM	1	2	11	4	1	3.11	19	3	4
B684	(2126 × 7808) × 1111	390-2		4	9	6		3.11	20	4	4
B689	SRC M283	Nunhems		3	11	5		3.11	21	4	4
B618	(6333 × 6366) × 7241	739-8		4	10	5		3.05	22	4	4
B676	HMX 3297	HM	1	2	11	5		3.05	23	4	4
B688	Dyna Bites	HM		5	8	6		3.05	24	4	4
B623	TopCut 93	Nunhems	1	6	6	4	2	3.00	25	4	4
B639	(6333 × 8233) × 7808	394-3		4	11	4		3.00	26	3	4
B640	HMX 2280	HM	1	4	9	5		2.95	27	4	4
B659	(5280 × 6366) × V.long	320-3	2	3	9	5		2.89	28	4	4
B667	XCR-2428	Sakata	2	6	3	8		2.89	29	4	4
B697	(5280 × 6366) × V.long	122-4		5	9	3		2.88	30	4	4
B620	(6366 × 8378) × 7322	491-5	1	4	10.5	3.5		2.87	31	3.5	4
B660	(6366 × 5238) × 3035	490-5		8	7	3	1	2.84	32	4	4
B621	VAC-47	Vilmorin	2	3	11	3		2.79	33	4	4
B629	Sweet Bites	HM	2	2	13	2		2.79	34	4	4
B671	(5280 × 6366) × Long ²	220-4	2	3	11	3		2.79	35	4	4
B683	Tastypeel	Seminis	1	7	7	3	1	2.79	36	4	4
B693	KXPC-162	Integra	1	6	8	4		2.79	37	4	4
B647	Imperial Cuts	Integra	1	6	8.5	3.5		2.76	38	4	4
B646	(2144 × 2126) × 5438	393-4	1	6	9.5	2.5		2.71	39	4	4
B607	(6253 × 2144) × 9256	395-2	2	4	11	2		2.68	40	3	4
B619	KXPC-140	Integra	2	6	7.5	3	0.5	2.68	41	4	4
B652	SRC 8568	Nunhems	4	4	6	4	1	2.68	42	4	4
B677	(6253 × 2144) × 2126	145-2	1	5	12	1		2.68	43	4	4
B648	(2302 × 6366) × 7322	168-5	1	7	9	2		2.63	44	4	4
B654	(6366 × 8378) × 7322	569-4	3	4	9	3		2.63	45	3	4
B664	(5280 × 6366) × FN2-9	487-3	2	4	12	1		2.63	46	4	4
B641	(2126 × 6253) × FN2-9	487-5	2	6	8.5	2.5		2.61	47	4	4
B627	(6366 × 8378) × 3035	322-4	3	5	8	3		2.58	48	4	4
B643	(2126 × 7808) × 7322	168-6	2	6	9	2		2.58	49	4	4
B678	(6366 × 5238) × 7322	569-2	1	6	12			2.58	50	3	3
B609	(6366 × 2226) × 2126	009-9	1	8	8.5	1.5		2.55	51	4	4
B650	(6366 × 2226) × 5438	157-7	3	7	5.5	2.5	1	2.55	52	4	4
B634	(6253 × 2144) × 6526MjR	025-6	4	4	8	3		2.53	53	4	3.5
B668	(6253 × 2144) × FN2-9	487-2	3	6	7	3		2.53	54	4	4
B674	(2126 × 7808) × 9256	254-2	1	8	9	1		2.53	55	4	4
B675	(6253 × 2144) × 1111	390-4	4	4	8	3		2.53	56	3	4
B690	(2144 × 5494) × 9256	395-3	2	6	10	1		2.53	57	4	4

USDA California Carrot Trials 2006

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Flavor ²	
			1	2	3	4	5			H	S
B625	(6366 × 8378) × 9256	395-4	2	8	7	2		2.47	58	4	3
B666	(5280 × 5238) × 7322	296-2	2	7	9	1		2.47	59	3	4
B696	(2144 × 2126) × 7322	569-3	5	3	8	3		2.47	60	4	4
B638	(5280 × 6366) × Nts.long	321-3	3	6	9	1		2.42	61	4	4
B616	(5280 × 6366) × 5438	017-7	1	10	8			2.37	62	4	4
B632	(2566 × 6253) × 1111	225-5	5	5	6	3		2.37	63	4	4
B637	(6366 × 8378) × 1138	392-3	2	9	7	1		2.37	64	4	4
B611	(6333 × 8542MjR) × 5497	160-3	4	6	8	1		2.32	65	4	4
B630	(6253 × 2144) × 1138	489-4	5	4	9	1		2.32	66	4	4
B672	RNF04-128	Crookham	3	8	7	1		2.32	67	4	4
B686	KXPC-165	Integra	5	3	5	1.5	0.5	2.30	68	4	3
B628	(6366 × 6274) × 7403	240-2	6	5	5	3		2.26	69	4	4
B633	(6333 × 5438 ²) × 6526MjR	572-5	4	8	5	2		2.26	70	4	4
B657	(5280 × 6366) × Imp.long	123-23	2	10	7			2.26	71	4	4
B662	(6253 × 2144) × 6333	023-11	3	9	6	1		2.26	72	3	4
B673	(2566 × 6253) × 8233	297-2	4	6	9			2.26	73	4	4
B680	SugarSnax 54	Nunhems	3	9	6	1		2.26	74	4	4
B649	XCR-3616	Sakata	6	5	6	2		2.21	75	4	4
B670	(2566 × 6253) × 9256	180-5	4	8	6	1		2.21	76	4	4
B612	(6253 × 2144) × 2254	147-2	5	7	6	1		2.16	77	4	4
B682	(6333 × 5438) × 7808	029-11	3	10	6			2.16	78	4	4
B656	(6333 × 5438) × 8233	297-6	4	9	6			2.11	79	3	4
B698	(2144 × 5494) × 7808	394-4	3	11	5			2.11	80	4	4
B622	(5280 × 6366) × Nts.long	222-8	6	6	7			2.05	81	4	3
B658	RIF415	Crookham	2	15	1	1		2.05	82	4	4
B663	(6333 × 6366) × 6526MjR	738-4	5	8	6			2.05	83	3	4
B687	(6253 × 2144) × 7808	394-2	4	10	4			2.00	84	4	4
B699	(5280 × 6366) × Imp.long ²	221-20	7	5	7			2.00	85	4	4
B604	(2144 × 5238) × 9256	254-7	6	8	5			1.95	86	4	4
B624	(6333 × 8233) × 8233	297-3	3	14	2			1.95	87	4	4
B645	(6366 × 2144) × 8233	297-4	6	8	5			1.95	88	4	4
B653	(2126 × 7808) × 5438	393-3	6	8	5			1.95	89	4	4
B679	(5280 × 6366) × 2126	010-3	4	12	3			1.95	90	4	4
B695	HM 02	HM	7	6	6			1.95	91	4	4
B614	(5280 × 6366) × 1111	225-2	8	6	4	1		1.89	92	3	4
B694	(6253 × 2144) × 8233	031-12	5	11	3			1.89	93	4	4
B681	(2126 × 6253) × 1138	392-5	5	10	3			1.89	94	4	4
B692	(5280 × 7808) × 9256	254-4	7	8	4			1.84	95	4	4
B651	(6366 × 2226) × 5438 ²	468-2	9	9	1			1.58	96	3	4
B601	Imperial Cuts	Integra		2	5	8	3	3.67	---	4	4
B602	SugarSnax 54	Nunhems		1	8	6	3	3.61	---	4	4
B603	Sweet Bites	HM		4	8.5	4.5	1	3.14	---	4	4

Average Score: 2.67

¹ Mean based on average of 19 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.² Flavor (1 judge):

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

Flavor scores for the 2006 baby carrot trial were gathered after carrots were wilted and consequently were likely elevated.

USDA California Carrot Trials 2006

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	
			1	2	3	4	5			
Novelty Carrots—Entries Listed by Number										
T601	(7262 × Trksh) × 9304	58228⊗	3	8	7			2.22	39	
T602	SRC P160	Nunhems		5	7	6		3.06	9	
T603	(7262 × Trksh) × 9304	58232 cg 29-31,34-36	1	6	8	3		2.72	21	
T604	(7262 × Trksh) × 9304	58234 cg 29-32,35-36	1	4	5	8		3.11	6	
T605	(7262 × Trksh) × 9304	58238⊗	2	9	7	1		2.37	31	
T606	SRC P163	Nunhems		3	7	7.5	1.5	3.39	5	
T607	7262 × 2566	58245M	4	7	6	1.5	0.5	2.34	34	
T608	7262 × 2566	58246M	5	8	3	3		2.21	40	
T609	7262 × 2566	58248⊗	8	6	4		1	1.95	47	
T610	(2566 × Trksh #2) × 5280	58419⊗	7	6	5	1		2.00	44	
T611	Purple Haze F1	Bejo	6	6	6			2.00	45	
T612	7262 × [(Trksh × 7262) × Bst Flvr]	58493⊗	9	9	1			1.58	53	
T613	7262 × [(Trksh × 7262) × Bst Flvr]	58496M	8	8	2			1.67	50	
T614	(Flavor Sel.-best) × (Turkish × 7262)	58566⊗	10	6	3			1.63	52	
T615	SRC P119	Nunhems	2	4	8	4		2.78	19	
T616	(Flavor Sel.-best) × (Turkish × 7262)	58567⊗	12	7				1.37	56	
T617	(7262 × Trksh) × 9304	58229 cg 30-32,34-36	3	8	5	2		2.33	35	
T618	[(7262 × Trksh) × (7262 × Trksh)] × (7262 × Trksh)	58309M	6	9	2.5	0.5		1.86	48	
T619	(7262 × Trksh) × 9304	58465 cg 60-63	2	12	3	1		2.17	41	
T620	71 0603	Seminis	5	6	4	3		2.28	38	
T621	[(Trksh × 7262) × Bst Flvr] × 7262	58486M	2	9	5	2		2.39	29	
T622	7262 × [(Trksh × 7262) × Bst Flvr]	58488M	2	9	5.5	1.5		2.36	33	
T623	Turkish × 5280	205-1	12	6	1			1.42	55	
T624	7262 × Turkish	218-1	8	5	5			1.83	49	
T625	7262 × Turkish	218-7			7	9	3	3.79	1	
T626	7262 × Turkish	218-6	4	7	6	2		2.32	37	
T627	7262 × Turkish	218-5		5.5	8.5	3	1	2.97	11	
T628	Turkish #2	131-7	9	6	3			1.67	51	
T629	Homs	203-11	7	6	4	2		2.05	43	
T630	5878	510-1	6	7	4	1		2.00	46	
T631	[432906PRC × 319858JP, Kintoki, PI432903] × Flavor	58136⊗	1	7	7	1.5	2.5	2.87	14	
T632	432906PRC × 319858JP	70528M		2	7	9	1	3.47	4	
T633	Kintoki × Flavor	328-3	11	4	3			1.56	54	
T634	432906PRC × 319858JP	209-1	1	6	6	6		2.89	13	
T635	432906PRC × 319858JP	305-1	1	8	9			2.44	27	
T636	[(2566 × 6253) × Red] × PI432903	303-2	1	4	10.5	2.5		2.81	17	
T637	PI 432903	001-4	2	7	6.5	3.5		2.61	23	
T638	(5280 × 6366) × Red	411-2		5	7	7		3.11	7	
T639	TenderSnax	Nunhems	Not included							
T640	BCVTHT × WWortel	105-1	1	6	11.5	0.5		2.61	24	
T641	White Satin F1	Bejo		4	3	9.5	2.5	3.55	3	
T642	WWortel × BCVTHT	105-2	1	4	12	2		2.79	18	
T643	Crème de Lite	Nunhems		2	6	8	3	3.63	2	
T644	BCVTHT × W.Belgian	105-3	2	8	7	2		2.47	26	
T645	Forage carrot-Jaune Obtuse de Doubs	211-8		5	8	5		3.00	10	
T646	Forage carrot-Jaune Obtuse de Doubs	102-3		3	11	5		3.11	8	
T647	Rainbow F1	Bejo	1	7	9	2		2.63	22	
T648	Lobbericher	102-2	1	5	9	4		2.84	15	
T649	Mello Yello F1	Bejo	1	5	7	6		2.95	12	
T650	W.Belgian × JOD	211-1	1	4	13	1		2.74	20	
T651	WAR × JOD	702-5	1	10	7	1		2.42	28	
T652	71 0005	Seminis	6	4	6	2	1	2.37	32	
T653	WAR × JOD	603-5	2	8	8			2.33	36	
T654	Yellowstone	Bejo		6	9	3		2.83	16	
T655	W.Belgian × JOD	603-2	3	11	4			2.06	42	
T656	WAR × JOD	211-4	3	6	8	1		2.39	30	
T657	W.Belgian × JOD	310-1		11	5	2		2.50	25	

Average Score: 2.48

¹ Mean based on average of 19 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 2006

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank
			1	2	3	4	5		
Novelty Carrots—Entries Listed by Rank									
T625	7262 × Turkish	218-7			7	9	3	3.79	1
T643	Crème de Lite	Nunhems		2	6	8	3	3.63	2
T641	White Satin F1	Bejo		4	3	9.5	2.5	3.55	3
T632	432906PRC × 319858JP	70528M		2	7	9	1	3.47	4
T606	SRC P163	Nunhems		3	7	7.5	1.5	3.39	5
T604	(7262 × Trksh) × 9304	58234 cg 29-32,35-36	1	4	5	8		3.11	6
T638	(5280 × 6366) × Red	411-2		5	7	7		3.11	7
T646	Forage carrot-Jaune Obtuse de Doubs	102-3		3	11	5		3.11	8
T602	SRC P160	Nunhems		5	7	6		3.06	9
T645	Forage carrot-Jaune Obtuse de Doubs	211-8		5	8	5		3.00	10
T627	7262 × Turkish	218-5		5.5	8.5	3	1	2.97	11
T649	Mello Yello F1	Bejo	1	5	7	6		2.95	12
T634	432906PRC × 319858JP	209-1	1	6	6	6		2.89	13
T631	[432906PRC × 319858JP, Kintoki, PI432903] × Flavor	58136⊗	1	7	7	1.5	2.5	2.87	14
T648	Lobbericher	102-2	1	5	9	4		2.84	15
T654	Yellowstone	Bejo		6	9	3		2.83	16
T636	[(2566 × 6253) × Red] × PI432903	303-2	1	4	10.5	2.5		2.81	17
T642	WWortel × BCVTHT	105-2	1	4	12	2		2.79	18
T615	SRC P119	Nunhems	2	4	8	4		2.78	19
T650	W.Belgian × JOD	211-1	1	4	13	1		2.74	20
T603	(7262 × Trksh) × 9304	58232 cg 29-31,34-36	1	6	8	3		2.72	21
T647	Rainbow F1	Bejo	1	7	9	2		2.63	22
T637	PI 432903	001-4	2	7	6.5	3.5		2.61	23
T640	BCVTHT × WWortel	105-1	1	6	11.5	0.5		2.61	24
T657	W.Belgian × JOD	310-1		11	5	2		2.50	25
T644	BCVTHT × W.Belgian	105-3	2	8	7	2		2.47	26
T635	432906PRC × 319858JP	305-1	1	8	9			2.44	27
T651	WAR × JOD	702-5	1	10	7	1		2.42	28
T621	[(Trksh × 7262) × Bst Flvr] × 7262	58486M	2	9	5	2		2.39	29
T656	WAR × JOD	211-4	3	6	8	1		2.39	30
T605	(7262 × Trksh) × 9304	58238⊗	2	9	7	1		2.37	31
T652	71 0005	Seminis	6	4	6	2	1	2.37	32
T622	7262 × [(Trksh × 7262) × Bst Flvr]	58488M	2	9	5.5	1.5		2.36	33
T607	7262 × 2566	58245M	4	7	6	1.5	0.5	2.34	34
T617	(7262 × Trksh) × 9304	58229 cg 30-32,34-36	3	8	5	2		2.33	35
T653	WAR × JOD	603-5	2	8	8			2.33	36
T626	7262 × Turkish	218-6	4	7	6	2		2.32	37
T620	71 0603	Seminis	5	6	4	3		2.28	38
T601	(7262 × Trksh) × 9304	58228⊗	3	8	7			2.22	39
T608	7262 × 2566	58246M	5	8	3	3		2.21	40
T619	(7262 × Trksh) × 9304	58465 cg 60-63	2	12	3	1		2.17	41
T655	W.Belgian × JOD	603-2	3	11	4			2.06	42
T629	Homs	203-11	7	6	4	2		2.05	43
T610	(2566 × Trksh #2) × 5280	58419⊗	7	6	5	1		2.00	44
T611	Purple Haze F1	Bejo	6	6	6			2.00	45
T630	5878	510-1	6	7	4	1		2.00	46
T609	7262 × 2566	58248⊗	8	6	4		1	1.95	47
T618	[(7262 × Trksh) × (7262 × Trksh)] × (7262 × Trksh)	58309M	6	9	2.5	0.5		1.86	48
T624	7262 × Turkish	218-1	8	5	5			1.83	49
T613	7262 × [(Trksh × 7262) × Bst Flvr]	58496M	8	8	2			1.67	50
T628	Turkish #2	131-7	9	6	3			1.67	51
T614	(Flavor Sel.-best) × (Turkish × 7262)	58566⊗	10	6	3			1.63	52
T612	7262 × [(Trksh × 7262) × Bst Flvr]	58493⊗	9	9	1			1.58	53
T633	Kintoki × Flavor	328-3	11	4	3			1.56	54
T623	Turkish × 5280	205-1	12	6	1			1.42	55
T616	(Flavor Sel.-best) × (Turkish × 7262)	58567⊗	12	7				1.37	56
T639	TenderSnax	Nunhems	Not included						

Average Score: 2.48

¹ Mean based on average of 19 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