



**United States Department of Agriculture**

Research, Education, and Economics  
Agricultural Research Service

March 17, 2008

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

The results of the 2008 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 2008

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean <sup>1</sup>	Rank	Flavor <sup>2</sup>	
			1	2	3	4	5			H	S
<b>Entries Listed by Field Number</b>											
B801	Uppercut	Nunhems	1		5	12	3.5	3.79		3	3.5
B802	Imperial Cuts	Integra		1	8	12		3.52		4	4.5
B803	Marmalade	Seminis		1	4	11	5	3.95		3.5	4
B804	(2302 × 6366) × 7322	168-5	3	7.5	9.5	3		2.54	50	4	4.5
B805	CX396	Vilmorin	1	3	7.5	9.5	2	3.37	16	4	4
B806	(6366 × 2226) × 9253	643-5	3	10	9	1		2.35	68	4	3
B807	(2126 × 7808) × 1111	390-2	4	7.5	9.5	2		2.41	61	4.5	4
B808	(2126 × 7241) × 2126	749-5	2	12	8.5		1	2.41	62	4	3
B809	(5280 × 7808) × 6253	641-3	2	7	10	4		2.70	38	4.5	2.5
B810	FCR-6170	Sakata	1	4	8.5	8.5	1	3.20	23	4.5	4
B811	(6366 × 2226) × 5438	157-7	2	9	11	1		2.48	57	3.5	4
B812	Dynabite	Harris Moran		2	10	10	1	3.43	15	4	4
B813	KXPC-303	Integra			0.5	20	2.5	4.09	4	4.5	4
B814	(2126 × 7241) × 7553	753-3	1	10	9	3		2.61	43	3	3.5
B815	Propeel	Seminis			5	12	6.5	4.07	5	4	4.5
B816	(5492 × 6333) × 1138	751-4	3	9	9.5	1.5		2.41	63	4	4
B817	(6333 × 8233) × 4000MjR	79379×79370	2	7	12	2		2.61	44	4.5	3.5
B818	Sweet Bites	Harris Moran	2	11	9	1		2.39	64	4.5	4
B819	(2126 × 2144) × 7553	753-2	6	11	5	1		2.04	87	4	3
B820	NBC M474	Nunhems	1	4	16	2	0.5	2.87	31	4	4
B821	(5280 × 6366B) × 7254B	644-4	6	12	5			1.96	91	3.5	4
B822	HMX 2280	Harris Moran	3	6	13	1		2.52	54	2.5	4
B823	(2566 × 6253) × 7254	644-2	3	13	6	1		2.22	73	3.5	4.5
B824	(6333 × 5438) × 7808	029-11	4	9	7	3		2.39	65	4	4
B825	(6333 × 8233) × 7808	394-3	1	8	12	2		2.65	40	3.5	4
B826	BEJO 2724	Bejo	1	4	13	4	1	3.00	29	4	4.5
B827	(2566 × 6253) × 4000MjR	79375×79370		4	14	5		3.04	28	4	4.5
B828	(6253 × 2144) × 7322	296-3		3	16	4.5		3.07	27	4	4
B829	(6366 × 8378) × 7403	240-7	2	10	10	1		2.43	59	2	4
B830	KXPC-222	Integra	1	7.5	8.5	6		2.85	33	4	4.5
B831	[(6366 × 2226) × (BR × 6274)] × 7254	752-2	7	8	7	1		2.09	80	4	4
B832	Uppercut	Nunhems			4	14	5	4.04	8	3	3.5
B833	(2126 × 2144) × 6526	754-2	3	10	8	2		2.39	66	2.5	4
B834	HMX 5281	Harris Moran		7	10	6		2.96	30	4	4
B835	(6366 × 5238) × 3035	490-5	4	8	10	1		2.35	69	4	4.5
B836	KXPC-165	Integra		8	11	3	1	2.87	32	4	4.5
B837	(6366 × 5238) × 7254	752-6	6	10	6	1		2.09	81	4	4
B838	(5280 × 2126) × 7254	752-5	2	8	13			2.48	58	4	4.5
B839	Topcut	Nunhems			4	15	4	4.00	9	4	4
B840	(6253 × 2144) × 9256	395-2		4	10	9		3.22	21	4	4.5
B841	(SCMjR × 8524MjR) × 7322	756-4	5	8	10			2.22	74	4	3
B842	(6366 × 5238) × 1138	751-5	7	10	4.5	1.5		2.02	89	3.5	4
B843	VAC47	Vilmorin	1	10	12	0.5		2.50	56	4	4
B844	(2144 × 7241) × 6253	641-5	4	7	11	1		2.39	67	4	4
B845	(6253 × 5238) × 1138	751-3	2	9.5	8.5	3		2.54	51	4.5	4
B846	(2566 × 6253) × 4002MjR	79391×79388	5	12	5	1		2.09	82	3	4
B847	CX366	Vilmorin	2	5	15	1		2.65	41	4	4
B848	(2126 × 2144) × 7551	759-2	1	2.5	13	6.5		3.09	26	3.5	4
B849	KXPC-060	Integra			13	8.5	2	3.54	13	4.5	4
B850	(6253 × 2205) × 7551	759-5	1	1	8	11	2.5	3.54	14	4	4
B851	[(6366 × 2226) × (BR × 6274)] × 9253	755-2	3	6	12	2		2.57	47	4	3.5
B852	NBC M469	Nunhems			5	11	7.5	4.11	3	4.5	4
B853	(2126 × 2144) × 7322	756-3	7	13	2	1		1.87	94	4	4

## USDA California Carrot Trials 2008

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean <sup>1</sup>	Rank	Flavor <sup>2</sup>	
			1	2	3	4	5			H	S
B854	(6366 × 2144) × 9253	755-3	3	10	10			2.30	70	4	4
B855	(5492 × 6333) × 9253	755-4	2	9	12			2.43	60	4	4
B856	(6366 × 5238) × 7553	753-5	1	7	11	4		2.78	34	3.5	4
B857	Sugarsnax	Nunhems		1	16	6.5		3.24	19	4	4.5
B858	(SCMjR × 8524MjR) × 7322	756-7	4	14	5.5			2.07	86	3	4.5
B859	(2566 × 6333) × 7322	646-4	7	13	3			1.83	96	4	4
B860	KXPC-107	Integra		1	6	16		3.65	11	3.5	4.5
B861	(6333 × 6366) × 7241	739-8	1	8	13	1		2.61	45	4	3.5
B862	(6253 × 5238) × 7322	756-2	5.5	15	3			1.89	93	3.5	4
B863	(6366 × 5238) × 9253	755-5	5	11	7			2.09	83	3	4
B864	Imperial Cuts	Integra	3	4	13	2.5	0.5	2.72	37	4	4
B865	(6366 × 2205) × 6253	641-8	3	12	8			2.22	75	3.5	4
B866	(2126 × 2144) × 6333	642-3	4	11	8			2.17	76	4	4
B867	(2126 × 7808) × 3999MjR	79357×79354	5	12	6			2.04	88	4.5	4.5
B868	(2144 × 2126) × 5438	393-4	4	13	6			2.09	84	4	4
B869	Marmalade	Seminis			3	14	6.5	4.15	1	3.5	4
B870	(5280 × 2126) × 7322	756-5	1	9	12	1		2.57	48	4	4
B871	Triton	Sakata	2	8	9	4		2.65	42	3.5	4
B872	(6366 × 5238) × 7551	759-7	2	7	12	1.5	1	2.67	39	3.5	4
B873	CX562	Vilmorin	1	3	9	10		3.22	22	4	4
B874	(5280 × 7808) × 2126	749-3	2	7.5	13	1		2.54	52	3	4
B875	Baby Bites	Harris Moran		1	7.5	14	1	3.63	12	4	4
B876	(2126 × 2144) × 2126	749-4		6	16	1		2.78	35	3	4
B877	0710 1603	Seminis			3	14	6.5	4.15	2	3.5	4
B878	(2126 × 7241) × 6526	754-3	5	11	7			2.09	85	2.5	4
B879	0710 1405	Seminis	1	4	8	10		3.17	24	4	4
B880	(5280 × 6366) × 7254	752-3	5	10	8			2.13	78	4	4
B881	Zeus	Sakata	1	3.5	9.5	9		3.15	25	4	4.5
B882	(6366 × 2205) × 7551	759-6		3	13	5.5	1.5	3.24	20	4	4
B883	NBC M447	Nunhems			5	12	6.5	4.07	6	3.5	4
B884	[(6366 × 2226) × (BR × 6274)] × 2126	749-2	2	9	9.5	2.5		2.54	53	4	4
B885	(2126 × 7241B) × 7551B	759-3	1	13	8.5	0.5		3.37	17	3.5	4
B886	Tastypeel	Seminis	2	4	14	3		3.78	10	4	4.5
B887	(6333 × 5438) × 9253	643-3	2	5	13	3		2.74	36	4	4
B888	(SCMjR × 8524MjR) × 6526	754-4	4	12	7			2.13	79	4	3.5
B889	KXPC-162	Integra	1	1	11	11		3.33	18	3.5	4
B890	(6366 × 5238) × 6526	754-5	3	7	12		1	2.52	55	4	4
B891	0710 1614	Seminis			5.5	11	7	4.07	7	3	4.5
B892	(9253 × 8524MjR) × 7322	756-6	5	7	11			2.26	72	4	4
B893	(2144 × 7241) × 6333	642-4	5	8	8	2		2.30	71	4.5	4
B894	(6366 × 2226) × 3999MjR	79361×79354	8	10	5			1.87	95	4	4.5
B895	(6366 × 5238) × 2126	749-7	6	7	10			2.17	77	3	4
B896	(6366 × 8378) × 7322	491-5	5	14	4			1.96	92	3	4
B897	(6253 × 2144) × 3035	640-5	2	8	10	3		2.61	46	3	4
B898	(6366 × 5238) × 7322	569-2		10	13			2.57	49	2.5	4
B899	(5280 × 6366) × Nts.long	222-8	4	15	4			2.00	90	4	4

<sup>1</sup> Mean based on average of 23 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

<sup>2</sup> 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					Flavor <sup>2</sup>	Rank	H	S	
			1	2	3	4	5					Mean <sup>1</sup>
<b>Entries Listed by Rank</b>												
B869	Marmalade	Seminis			3	14	6.5	4.15	1	3.5	4	
B877	0710 1603	Seminis			3	14	6.5	4.15	2	3.5	4	
B852	NBC M469	Nunhems			5	11	7.5	4.11	3	4.5	4	
B813	KXPC-303	Integra			0.5	20	2.5	4.09	4	4.5	4	
B815	Propeel	Seminis			5	12	6.5	4.07	5	4	4.5	
B883	NBC M447	Nunhems			5	12	6.5	4.07	6	3.5	4	
B891	0710 1614	Seminis			5.5	11	7	4.07	7	3	4.5	
B832	Uppercut	Nunhems			4	14	5	4.04	8	3	3.5	
B839	Topcut	Nunhems			4	15	4	4.00	9	4	4	
B886	Tastypeel	Seminis		2	4	14	3	3.78	10	4	4.5	
B860	KXPC-107	Integra		1	6	16		3.65	11	3.5	4.5	
B875	Baby Bites	Harris Moran		1	7.5	14	1	3.63	12	4	4	
B849	KXPC-060	Integra				13	8.5	2	3.54	13	4.5	4
B850	(6253 × 2205) × 7551	759-5	1	1	8	11	2.5	3.54	14	4	4	
B812	Dynabite	Harris Moran		2	10	10	1	3.43	15	4	4	
B805	CX396	Vilmorin	1	3	7.5	9.5	2	3.37	16	4	4	
B885	(2126 × 7241B) × 7551B	759-3		1	13	8.5	0.5	3.37	17	3.5	4	
B889	KXPC-162	Integra	1	1	11	11		3.33	18	3.5	4	
B857	Sugarsnax	Nunhems		1	16	6.5		3.24	19	4	4.5	
B882	(6366 × 2205) × 7551	759-6		3	13	5.5	1.5	3.24	20	4	4	
B840	(6253 × 2144) × 9256	395-2		4	10	9		3.22	21	4	4.5	
B873	CX562	Vilmorin	1	3	9	10		3.22	22	4	4	
B810	FCR-6170	Sakata	1	4	8.5	8.5	1	3.20	23	4.5	4	
B879	0710 1405	Seminis	1	4	8	10		3.17	24	4	4	
B881	Zeus	Sakata	1	3.5	9.5	9		3.15	25	4	4.5	
B848	(2126 × 2144) × 7551	759-2	1	2.5	13	6.5		3.09	26	3.5	4	
B828	(6253 × 2144) × 7322	296-3		3	16	4.5		3.07	27	4	4	
B827	(2566 × 6253) × 4000MjR	79375×79370		4	14	5		3.04	28	4	4.5	
B826	BEJO 2724	Bejo	1	4	13	4	1	3.00	29	4	4.5	
B834	HMX 5281	Harris Moran		7	10	6		2.96	30	4	4	
B820	NBC M474	Nunhems	1	4	16	2	0.5	2.87	31	4	4	
B836	KXPC-165	Integra		8	11	3	1	2.87	32	4	4.5	
B830	KXPC-222	Integra	1	7.5	8.5	6		2.85	33	4	4.5	
B856	(6366 × 5238) × 7553	753-5	1	7	11	4		2.78	34	3.5	4	
B876	(2126 × 2144) × 2126	749-4		6	16	1		2.78	35	3	4	
B887	(6333 × 5438) × 9253	643-3	2	5	13	3		2.74	36	4	4	
B864	Imperial Cuts	Integra	3	4	13	2.5	0.5	2.72	37	4	4	
B809	(5280 × 7808) × 6253	641-3	2	7	10	4		2.70	38	4.5	2.5	
B872	(6366 × 5238) × 7551	759-7	2	7	12	1.5	1	2.67	39	3.5	4	
B825	(6333 × 8233) × 7808	394-3	1	8	12	2		2.65	40	3.5	4	
B847	CX366	Vilmorin	2	5	15	1		2.65	41	4	4	
B871	Triton	Sakata	2	8	9	4		2.65	42	3.5	4	
B814	(2126 × 7241) × 7553	753-3	1	10	9	3		2.61	43	3	3.5	
B817	(6333 × 8233) × 4000MjR	79379×79370	2	7	12	2		2.61	44	4.5	3.5	
B861	(6333 × 6366) × 7241	739-8	1	8	13	1		2.61	45	4	3.5	
B897	(6253 × 2144) × 3035	640-5	2	8	10	3		2.61	46	3	4	
B851	[(6366 × 2226) × (BR × 6274)] × 9253	755-2	3	6	12	2		2.57	47	4	3.5	
B870	(5280 × 2126) × 7322	756-5	1	9	12	1		2.57	48	4	4	
B898	(6366 × 5238) × 7322	569-2			10	13		2.57	49	2.5	4	
B804	(2302 × 6366) × 7322	168-5	3	7.5	9.5	3		2.54	50	4	4.5	
B845	(6253 × 5238) × 1138	751-3	2	9.5	8.5	3		2.54	51	4.5	4	
B874	(5280 × 7808) × 2126	749-3	2	7.5	13	1		2.54	52	3	4	
B884	[(6366 × 2226) × (BR × 6274)] × 2126	749-2	2	9	9.5	2.5		2.54	53	4	4	

## USDA California Carrot Trials 2008

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean <sup>1</sup>	Rank	Flavor <sup>2</sup>	
			1	2	3	4	5			H	S
B822	HMX 2280	Harris Moran	3	6	13	1		2.52	54	2.5	4
B890	(6366 × 5238) × 6526	754-5	3	7	12		1	2.52	55	4	4
B843	VAC47	Vilmorin	1	10	12	0.5		2.50	56	4	4
B811	(6366 × 2226) × 5438	157-7	2	9	11	1		2.48	57	3.5	4
B838	(5280 × 2126) × 7254	752-5	2	8	13			2.48	58	4	4.5
B829	(6366 × 8378) × 7403	240-7	2	10	10	1		2.43	59	2	4
B855	(5492 × 6333) × 9253	755-4	2	9	12			2.43	60	4	4
B807	(2126 × 7808) × 1111	390-2	4	7.5	9.5	2		2.41	61	4.5	4
B808	(2126 × 7241) × 2126	749-5	2	12	8.5		1	2.41	62	4	3
B816	(5492 × 6333) × 1138	751-4	3	9	9.5	1.5		2.41	63	4	4
B818	Sweet Bites	Harris Moran	2	11	9	1		2.39	64	4.5	4
B824	(6333 × 5438) × 7808	029-11	4	9	7	3		2.39	65	4	4
B833	(2126 × 2144) × 6526	754-2	3	10	8	2		2.39	66	2.5	4
B844	(2144 × 7241) × 6253	641-5	4	7	11	1		2.39	67	4	4
B806	(6366 × 2226) × 9253	643-5	3	10	9	1		2.35	68	4	3
B835	(6366 × 5238) × 3035	490-5	4	8	10	1		2.35	69	4	4.5
B854	(6366 × 2144) × 9253	755-3	3	10	10			2.30	70	4	4
B893	(2144 × 7241) × 6333	642-4	5	8	8	2		2.30	71	4.5	4
B892	(9253 × 8524MjR) × 7322	756-6	5	7	11			2.26	72	4	4
B823	(2566 × 6253) × 7254	644-2	3	13	6	1		2.22	73	3.5	4.5
B841	(SCMjR × 8524MjR) × 7322	756-4	5	8	10			2.22	74	4	3
B865	(6366 × 2205) × 6253	641-8	3	12	8			2.22	75	3.5	4
B866	(2126 × 2144) × 6333	642-3	4	11	8			2.17	76	4	4
B895	(6366 × 5238) × 2126	749-7	6	7	10			2.17	77	3	4
B880	(5280 × 6366) × 7254	752-3	5	10	8			2.13	78	4	4
B888	(SCMjR × 8524MjR) × 6526	754-4	4	12	7			2.13	79	4	3.5
B831	[(6366 × 2226) × (BR × 6274)] × 7254	752-2	7	8	7	1		2.09	80	4	4
B837	(6366 × 5238) × 7254	752-6	6	10	6	1		2.09	81	4	4
B846	(2566 × 6253) × 4002MjR	79391×79388	5	12	5	1		2.09	82	3	4
B863	(6366 × 5238) × 9253	755-5	5	11	7			2.09	83	3	4
B868	(2144 × 2126) × 5438	393-4	4	13	6			2.09	84	4	4
B878	(2126 × 7241) × 6526	754-3	5	11	7			2.09	85	2.5	4
B858	(SCMjR × 8524MjR) × 7322	756-7	4	14	5.5			2.07	86	3	4.5
B819	(2126 × 2144) × 7553	753-2	6	11	5	1		2.04	87	4	3
B867	(2126 × 7808) × 3999MjR	79357×79354	5	12	6			2.04	88	4.5	4.5
B842	(6366 × 5238) × 1138	751-5	7	10	4.5	1.5		2.02	89	3.5	4
B899	(5280 × 6366) × Nts.long	222-8	4	15	4			2.00	90	4	4
B821	(5280 × 6366B) × 7254B	644-4	6	12	5			1.96	91	3.5	4
B896	(6366 × 8378) × 7322	491-5	5	14	4			1.96	92	3	4
B862	(6253 × 5238) × 7322	756-2	5.5	15	3			1.89	93	3.5	4
B853	(2126 × 2144) × 7322	756-3	7	13	2	1		1.87	94	4	4
B894	(6366 × 2226) × 3999MjR	79361×79354	8	10	5			1.87	95	4	4.5
B859	(2566 × 6333) × 7322	646-4	7	13	3			1.83	96	4	4
B801	Uppercut	Nunhems	1		5	12	3.5	3.79		3	3.5
B802	Imperial Cuts	Integra		1	8	12		3.52		4	4.5
B803	Marmalade	Seminis		1	4	11	5	3.95		3.5	4

<sup>1</sup> Mean based on average of 23 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

<sup>2</sup> Flavor (1 judge):

H = Harshness: 1=Very harsh, 5=Very mild;  
S = Sweetness: 1=Not sweet, 5=Very sweet

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean <sup>1</sup>	Rank	Flavor <sup>2</sup>	
			1	2	3	4	5			H	S
<b>Entries Listed by Field Number</b>											
C801	Six Shooter	Harris Moran	1	12	8		3.33		4	4	
C802	Dominion	Seminis		6	14	1	3.76		4	4	
C803	Maverick	Nunhems	1	3.5	14	3	3.88		4.5	4	
C804	(6333 × 8483MjR) × 2126	145-3	4	15	3.5		2.98	15	4	4.5	
C805	(6366 × 2226) × 8524	176-6	1	15	5	1	3.27	8	3.5	4	
C806	(2144 × 2126) × 6526	162-6	1	3	15	3	2.91	17	4.5	4	
C807	(6366 × 2226) × 7403	169-2	2	10	9	1	2.41	40	3.5	4.5	
C808	Navajo	Nunhems	1	11	9	1	3.45	3	3.5	4	
C809	(5280 × 6366) × 8233	031-11	1	5.5	13	3	3.80	2	4.5	4.5	
C810	(2144 × 2126) × 7322	569-3	2	5	14	1	2.64	27	4.5	4	
C811	XCR-4856	Sakata	2	4	11	5	3.86	1	5	4.5	
C812	[(6366 × 2226) × (BR × 6274)] × 5494	750-2	1	11	10		2.41	41	3.5	4.5	
C813	(9304 × 5238) × 1111	225-6	6	8	4	4	2.27	47	3.5	3.5	
C814	CX171	Vilmorin		2	14	5	1	3.23	9	4	4
C815	(7241 × 2126) × 8524MjR	248-5		10	11	1	2.59	28	4	4.5	
C816	(5280 × 7808) × 3035	490-4	1	10	8	3	2.59	29	4	4	
C817	(6366 × 6274) × 7403	240-2	3	7	11	1	2.45	37	4	4	
C818	07W52	Takii	11	8	3		1.64	63	4	3.5	
C819	(2126 × 7808) × 3035	322-3	6	10	6		2.00	55	4	4	
C820	Choctaw	Nunhems	3	7	6.5	5.5	2.66	26	4	4	
C821	(6333 × 6366) × 8233	297-5	8	6	8		2.00	56	3	4	
C822	(6333 × 8233) × 7403MjR	748-4	3	7	11	1	2.45	38	4	4	
C823	07W51	Takii	10	9	3		1.68	61	4.5	3	
C824	(6366 × 8378) × 8524	176-5		9	7.5	4.5	1	2.89	18	4	4
C825	0710 2274	Seminis	3	6	10	3	2.59	30	4.5	4	
C826	(5492 × 6333) × 5494	750-3	2	9	11	0.5	2.43	39	4	4	
C827	NEVADA F1	Bejo	5	8	9		2.18	50	3	3.5	
C828	(6366 × 2226) × 7322	296-6	4	14	4		2.00	57	4	5	
C829	Six Shooter	Harris Moran	2	4.5	14	1.5	2.68	24	4.5	3.5	
C830	(7241 × 2126) × 0186	135-2		10	12		2.55	35	4	4	
C831	S.C. × 7403MjR	820-6	3	8	10	1	2.41	42	2.5	3	
C832	(2144 × 5238) × 8233	493-4	1	2	13	5	1	3.14	12	4	3.5
C833	Maverick	Nunhems	1	7	6	8	2.95	16	4.5	4	
C834	(5280 × 6366) × Nts.long	222-8	6	3	11	2	2.41	43	3.5	4	
C835	(6333 × 8233) × 1111	137-3	5	2	12	3	2.59	31	4	4	
C836	XCR-2586	Sakata		7.5	9.5	5	2.89	19	4	3.5	
C837	(6366 × 5238) × 7403MjR	748-7	8	9	4	1	1.91	60	4.5	3	
C838	(6274 × 5280) × 7403MjR	820-4	6	10	6		2.00	58	3	4	
C839	(2126 × 7241) × 7403MjR	748-6	2	6	10	4	2.73	23	4	4	
C840	SUN 255	Nunhems	1	5	13	3	2.82	21	4	4	
C841	(5492 × 6333) × 2126	749-6	4	10	8		2.18	51	3	4	
C842	(6366 × 5238) × 5494	750-6	5	11	5.5	0.5	2.07	52	3	3	
C843	KXPC-168	Integra	2	9	9	2	2.50	36	4	4	
C844	(2126 × 2144) × 7403MjR	748-5	3	8	6.5	4.5	2.57	33	4	5	
C845	Dominion	Seminis	1	5	7	7	2	3.18	11	4	4
C846	(5280 × 7808) × 1111	225-7		4	9	5.5	3.5	3.39	6	4	4.5
C847	07W54	Takii	7	9	5		1	2.05	53	4	3
C848	(5280 × 5238) × 8233	031-10	2	3	9	6.5	1.5	3.11	14	4	3.5
C849	Envy	Seminis		2	10	9	1	3.41	5	4	4
C850	(2126 × 7808) × 6253	641-2	6	4	12		2.27	48	3.5	4	
C851	(6253 × 2144) × 2126	145-2	4	6	11	1	2.41	44	4	4.5	
C852	(6366 × 2226) × 6526	738-2	3	8	8	1	2	2.59	32	3	4
C853	KXPC-020	Integra		4	9	9		3.23	10	4	4
C854	(5280 × 2126) × 5494	750-5	2	11	8	1	2.36	45	4	4	
C855	0710 1404	Seminis	8	7	5	2	2.05	54	3	4	
C856	NBC M437	Nunhems	1	2	12	7	3.14	13	4	4	

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean <sup>1</sup>	Rank	Flavor <sup>2</sup>	
			1	2	3	4	5			H	S
C857	(5280 × 6366) × 5438	017-7	3	6	11	2.5	2.57	34	4	4.5	
C858	(5280 × 7808) × 9256	254-4	4	9	7.5	1.5	2.30	46	3.5	4	
C859	NBC M582	Nunhems	5	12	5		2.00	59	4.5	4.5	
C860	(2566 × 6253) × 7808	029-9	2	6	11	3	2.68	25	4	4	
C861	XCR-1357	Sakata		7	13	2	2.77	22	4	4.5	
C862	(6366 × 8378) × 1138	392-3		4	9	7	2	3.32	7	4	
C863	[(6366 × 2226) × (BR × 6274)] × 7403MjR	748-2	3	11	7	1	2.27	49	3	4	
C864	07W53	Takii	10	10	1	1	1.68	62	5	4.5	
C865	(6333 × 8233) × 6526	162-5		3	8	9	2	3.45	4	5	
C866	[(6366 × 2226) × (BR × 6274)] × 1138	751-2	1	6	10	5	2.86	20	4	4	

<sup>1</sup> Mean based on average of 22 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

<sup>2</sup> Flavor (1 judge):

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

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

Entry	Pedigree or Name	Source	Number of Judges Placing in Class						Flavor <sup>2</sup>		
			1	2	3	4	5	Mean <sup>1</sup>		Rank	H
<b>Entries Listed by Rank</b>											
C811	XCR-4856	Sakata		2	4	11	5	3.86	1	5	4.5
C809	(5280 × 6366) × 8233	031-11		1	5.5	13	3	3.80	2	4.5	4.5
C808	Navajo	Nunhems		1	11	9	1	3.45	3	3.5	4
C865	(6333 × 8233) × 6526	162-5		3	8	9	2	3.45	4	5	4
C849	Envy	Seminis		2	10	9	1	3.41	5	4	4
C846	(5280 × 7808) × 1111	225-7		4	9	5.5	3.5	3.39	6	4	4.5
C862	(6366 × 8378) × 1138	392-3		4	9	7	2	3.32	7	4	4
C805	(6366 × 2226) × 8524	176-6		1	15	5	1	3.27	8	3.5	4
C814	CX171	Vilmorin		2	14	5	1	3.23	9	4	4
C853	KXPC-020	Integra		4	9	9		3.23	10	4	4
C845	Dominion	Seminis	1	5	7	7	2	3.18	11	4	4
C832	(2144 × 5238) × 8233	493-4	1	2	13	5	1	3.14	12	4	3.5
C856	NBC M437	Nunhems	1	2	12	7		3.14	13	4	4
C848	(5280 × 5238) × 8233	031-10	2	3	9	6.5	1.5	3.11	14	4	3.5
C804	(6333 × 8483MjR) × 2126	145-3		4	15	3.5		2.98	15	4	4.5
C833	Maverick	Nunhems	1	7	6	8		2.95	16	4.5	4
C806	(2144 × 2126) × 6526	162-6	1	3	15	3		2.91	17	4.5	4
C824	(6366 × 8378) × 8524	176-5		9	7.5	4.5	1	2.89	18	4	4
C836	XCR-2586	Sakata		7.5	9.5	5		2.89	19	4	3.5
C866	[(6366 × 2226) × (BR × 6274)] × 1138	751-2	1	6	10	5		2.86	20	4	4
C840	SUN 255	Nunhems	1	5	13	3		2.82	21	4	4
C861	XCR-1357	Sakata		7	13	2		2.77	22	4	4.5
C839	(2126 × 7241) × 7403MjR	748-6	2	6	10	4		2.73	23	4	4
C829	Six Shooter	Harris Moran	2	4.5	14	1.5		2.68	24	4.5	3.5
C860	(2566 × 6253) × 7808	029-9	2	6	11	3		2.68	25	4	4
C820	Choctaw	Nunhems	3	7	6.5	5.5		2.66	26	4	4
C810	(2144 × 2126) × 7322	569-3	2	5	14	1		2.64	27	4.5	4
C815	(7241 × 2126) × 8524MjR	248-5		10	11	1		2.59	28	4	4.5
C816	(5280 × 7808) × 3035	490-4	1	10	8	3		2.59	29	4	4
C825	0710 2274	Seminis	3	6	10	3		2.59	30	4.5	4
C835	(6333 × 8233) × 1111	137-3	5	2	12	3		2.59	31	4	4
C852	(6366 × 2226) × 6526	738-2	3	8	8	1	2	2.59	32	3	4
C844	(2126 × 2144) × 7403MjR	748-5	3	8	6.5	4.5		2.57	33	4	5
C857	(5280 × 6366) × 5438	017-7	3	6	11	2.5		2.57	34	4	4.5
C830	(7241 × 2126) × 0186	135-2		10	12			2.55	35	4	4
C843	KXPC-168	Integra	2	9	9	2		2.50	36	4	4
C817	(6366 × 6274) × 7403	240-2	3	7	11	1		2.45	37	4	4
C822	(6333 × 8233) × 7403MjR	748-4	3	7	11	1		2.45	38	4	4
C826	(5492 × 6333) × 5494	750-3	2	9	11	0.5		2.43	39	4	4
C807	(6366 × 2226) × 7403	169-2	2	10	9	1		2.41	40	3.5	4.5
C812	[(6366 × 2226) × (BR × 6274)] × 5494	750-2	1	11	10			2.41	41	3.5	4.5
C831	S.C. × 7403MjR	820-6	3	8	10	1		2.41	42	2.5	3
C834	(5280 × 6366) × Nts.long	222-8	6	3	11	2		2.41	43	3.5	4
C851	(6253 × 2144) × 2126	145-2	4	6	11	1		2.41	44	4	4.5
C854	(5280 × 2126) × 5494	750-5	2	11	8	1		2.36	45	4	4
C858	(5280 × 7808) × 9256	254-4	4	9	7.5	1.5		2.30	46	3.5	4
C813	(9304 × 5238) × 1111	225-6	6	8	4	4		2.27	47	3.5	3.5
C850	(2126 × 7808) × 6253	641-2	6	4	12			2.27	48	3.5	4
C863	[(6366 × 2226) × (BR × 6274)] × 7403MjR	748-2	3	11	7	1		2.27	49	3	4
C827	NEVADA F1	Bejo	5	8	9			2.18	50	3	3.5
C841	(5492 × 6333) × 2126	749-6	4	10	8			2.18	51	3	4
C842	(6366 × 5238) × 5494	750-6	5	11	5.5	0.5		2.07	52	3	3
C847	07W54	Takii	7	9	5		1	2.05	53	4	3
C855	0710 1404	Seminis	8	7	5	2		2.05	54	3	4
C819	(2126 × 7808) × 3035	322-3	6	10	6			2.00	55	4	4
C821	(6333 × 6366) × 8233	297-5	8	6	8			2.00	56	3	4



Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean <sup>1</sup>	Rank	Flavor <sup>2</sup>	
			1	2	3	4	5			H	S
C828	(6366 × 2226) × 7322	296-6	4	14	4			2.00	57	4	5
C838	(6274 × 5280) × 7403MjR	820-4	6	10	6			2.00	58	3	4
C859	NBC M582	Nunhems	5	12	5			2.00	59	4.5	4.5
C837	(6366 × 5238) × 7403MjR	748-7	8	9	4	1		1.91	60	4.5	3
C823	07W51	Takii	10	9	3			1.68	61	4.5	3
C864	07W53	Takii	10	10	1	1		1.68	62	5	4.5
C818	07W52	Takii	11	8	3			1.64	63	4	3.5
C801	Six Shooter	Harris Moran		1	12	8		3.33		4	4
C802	Dominion	Seminis			6	14	1	3.76		4	4
C803	Maverick	Nunhems		1	3.5	14	3	3.88		4.5	4

<sup>1</sup> Mean based on average of 22 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

<sup>2</sup> Flavor (1 judge):

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

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

## Novelty Carrots

## USDA California Carrot Trials 2008

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean <sup>1</sup>	Rank	Flavor <sup>2</sup>		
			1	2	3	4	5			H	S	Color
<b>Entries Listed by Field Number</b>												
T801	(7254 × 1129B) × 7550B	757-3	9	7	2			1.61	47	4	4	Purple
T802	6139ddP	656-1	1	4	5.5	6.5	1	3.14	6	4	4	Purple
T803	7262 × Turkish	218-1	9	8	1			1.56	48	4	3	Purple
T804	Purple Haze	Bejo	7	7	3.5	0.5		1.86	45	4	4	Purple
T805	6139ddPYP	657-1	4	6	7.5	0.5	3.25	5	4	4	Purple	
T806	6306	671-1	4	5	6.5	2.5	3.42	3	3.5	4	Purple	
T807	7262 × Turkish	415-1	1	5	5.5	6	0.5	3.00	10	3	4	Purple
T808	6245	665-1	2	9	5	2		2.39	28	4	4	Purple
T809	Black Knight	Nunhems	2	6	6	4		2.67	19	1.5	3.5	Purple
T810	(9253 × 1129) × 7550	757-4	4	8	4.5	1.5		2.19	35	4	4	Purple
T811	Eregli Turkey 1999	699-1	1	5	11	1		2.67	20	3	4	Purple
T812	Purple Rain	Bejo	7	8	2	1		1.83	46	4	4	Purple
T813	7262 × Turkish	218-7	1	3	10	4		2.94	11	4	4	Purple
T814	{[(6366 × 2226) × 3035 <sup>2</sup> ] × 1129} × 7550	757-2	4	10	4			2.00	41	2.5	4	Purple
T815	(5280 × 6366) × R	412-5	1	1	6	8	2	3.50	2	3	4	Red
T816	6259	650-1	2	3	8.5	4.5		2.86	15	3.5	2	Red
T817	PI432903	001-4	7	7	3	1		1.89	43	—	—	Red
T818	432906PRC × 319858JP	412-1		4	9	5		3.06	8	4	4.5	Red
T819	[(2566 × 6253) × Red] × PI432903	303-2	4	11	2	1		2.00	42	3.5	4	Red
T820	(LWG-S × PI264543 <sup>2</sup> ) × (PI264543 × 2566)	410-1	1	6	9		1	2.65	22	3	4	Red
T821	(5280 × 6366) × R	411-2	4	6	7	1		2.28	31	3	3.5	Red
T822	WAR × JOD	698-1	1	10	7			2.33	29	3.5	3	Yellow
T823	SunLite	Nunhems		2	7.5	7.5	1	3.42	4	3	3	Yellow
T824	Forage carrot-Jaune Obtuse de Doubs	102-3	1	6	10	1		2.61	24	4	4	Yellow
T825	NBC P212	Nunhems		4	8.5	5	0.5	3.11	7	4.5	4	Yellow
T826	(2566 × 6253) × dY	310-2		4	11	3		2.94	12	2	4	Yellow
T827	WAR x JOD	0	2	10	6			2.22	34	4	4	Yellow
T828	WAR × JOD	002-4	3	11	2	2		2.17	36	3.5	4	Yellow
T829	Yellowstone	Bejo	1	6	7.5	2.5	1	2.81	17	4.5	3	Yellow
T830	W.Belgian × JOD	310-1		8	8	2		2.67	21	4	3	Yellow
T831	0710 0005	Seminis	3	7	5	3		2.44	27	5	5	Yellow
T832	WAR × JOD	211-4		7	11	0.5		2.64	23	4	4	Yellow
T833	0710 0015	Seminis	3	3	4	8		2.94	13	3.5	4	Yellow
T834	Forage carrot-Jaune Obtuse de Doubs	211-8	1	3	11	3.5		2.92	14	1.5	4	Yellow
T835	NBC P278	Nunhems		5	11	2		2.83	16	5	4.5	Yellow
T836	WAR × JOD	702-5	4	8	5	1		2.17	37	4.5	4	Yellow
T837	Sherbert	Nunhems	1	5	6	4	2	3.06	9	4.5	4	Mix
T838	Rainbow	Bejo	3	10	4	1		2.17	38	4.5	4.5	Mix
T839	Crème de Lite	Nunhems	1	1	5.5	8.5	2	3.53	1	4.5	4.5	Mix
T840	Lobbericher	102-5	2	5	10	1		2.56	26	4.5	4	White
T841	BCVTHT × W.Belgian	105-3	1	7	8	2		2.61	25	4.5	3.5	White
T842	White Satin	Bejo	2	5	6	5		2.78	18	2	4	White
T843	WWortel × BCVTHT	696-1	4	12	2			1.89	44	3	3	White
T844	White	Seed Movement	4	8.5	5.5			2.08	40	1	3	White
T845	WWortel × BCVTHT	695-1	3	10	5			2.11	39	2	3	White
T846	2566 × (WWortel × BCVTHT)	695-2	4	7	5.5	1.5		2.25	32	3.5	4	White
T847	WWortel × BCVTHT -and- BCVTHT × W.Belgian	706-1	5	4	7	2		2.33	30	1.5	4	White
T848	2566 × (WWortel × BCVTHT)	696-2	5	7	2.5	3.5		2.25	33	4	4	White

<sup>1</sup> Mean based on average of 18 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

<sup>2</sup> Flavor (1 judge):

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

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

## Novelty Carrots

## USDA California Carrot Trials 2008

Entry	Pedigree or Name	Source	Number of Judges Placing in Class								Flavor <sup>2</sup>		
			1	2	3	4	5	Mean <sup>1</sup>	Rank	H	S	Color	
<b>Entries Listed by Rank</b>													
T839	Crème de Lite	Nunhems	1	1	5.5	8.5	2	3.53	1	4.5	4.5	Mix	
T815	(5280 × 6366) × R	412-5	1	1	6	8	2	3.50	2	3	4	Red	
T806	6306	671-1		4	5	6.5	2.5	3.42	3	3.5	4	Purple	
T823	SunLite	Nunhems		2	7.5	7.5	1	3.42	4	3	3	Yellow	
T805	6139ddPYP	657-1		4	6	7.5	0.5	3.25	5	4	4	Purple	
T802	6139ddP	656-1	1	4	5.5	6.5	1	3.14	6	4	4	Purple	
T825	NBC P212	Nunhems		4	8.5	5	0.5	3.11	7	4.5	4	Yellow	
T818	432906PRC × 319858JP	412-1		4	9	5		3.06	8	4	4.5	Red	
T837	Sherbert	Nunhems	1	5	6	4	2	3.06	9	4.5	4	Mix	
T807	7262 × Turkish	415-1	1	5	5.5	6	0.5	3.00	10	3	4	Purple	
T813	7262 × Turkish	218-7	1	3	10	4		2.94	11	4	4	Purple	
T826	(2566 × 6253) × dY	310-2		4	11	3		2.94	12	2	4	Yellow	
T833	0710 0015	Seminis	3	3	4	8		2.94	13	3.5	4	Yellow	
T834	Forage carrot-Jaune Obtuse de Doubs	211-8	1	3	11	3.5		2.92	14	1.5	4	Yellow	
T816	6259	650-1	2	3	8.5	4.5		2.86	15	3.5	2	Red	
T835	NBC P278	Nunhems		5	11	2		2.83	16	5	4.5	Yellow	
T829	Yellowstone	Bejo	1	6	7.5	2.5	1	2.81	17	4.5	3	Yellow	
T842	White Satin	Bejo	2	5	6	5		2.78	18	2	4	White	
T809	Black Knight	Nunhems	2	6	6	4		2.67	19	1.5	3.5	Purple	
T811	Eregli Turkey 1999	699-1	1	5	11	1		2.67	20	3	4	Purple	
T830	W.Belgian × JOD	310-1		8	8	2		2.67	21	4	3	Yellow	
T820	(LWG-S × PI264543 <sup>2</sup> ) × (PI264543 × 2566)	410-1	1	6	9		1	2.65	22	3	4	Red	
T832	WAR × JOD	211-4		7	11	0.5		2.64	23	4	4	Yellow	
T824	Forage carrot-Jaune Obtuse de Doubs	102-3	1	6	10	1		2.61	24	4	4	Yellow	
T841	BCVTHT × W.Belgian	105-3	1	7	8	2		2.61	25	4.5	3.5	White	
T840	Lobbericher	102-5	2	5	10	1		2.56	26	4.5	4	White	
T831	0710 0005	Seminis	3	7	5	3		2.44	27	5	5	Yellow	
T808	6245	665-1	2	9	5	2		2.39	28	4	4	Purple	
T822	WAR × JOD	698-1	1	10	7			2.33	29	3.5	3	Yellow	
T847	WWortel × BCVTHT -and- BCVTHT × W.Belgian	706-1	5	4	7	2		2.33	30	1.5	4	White	
T821	(5280 × 6366) × R	411-2	4	6	7	1		2.28	31	3	3.5	Red	
T846	2566 × (WWortel × BCVTHT)	695-2	4	7	5.5	1.5		2.25	32	3.5	4	White	
T848	2566 × (WWortel × BCVTHT)	696-2	5	7	2.5	3.5		2.25	33	4	4	White	
T827	WAR × JOD	0	2	10	6			2.22	34	4	4	Yellow	
T810	(9253 × 1129) × 7550	757-4	4	8	4.5	1.5		2.19	35	4	4	Purple	
T828	WAR × JOD	002-4	3	11	2	2		2.17	36	3.5	4	Yellow	
T836	WAR × JOD	702-5	4	8	5	1		2.17	37	4.5	4	Yellow	
T838	Rainbow	Bejo	3	10	4	1		2.17	38	4.5	4.5	Mix	
T845	WWortel × BCVTHT	695-1	3	10	5			2.11	39	2	3	White	
T844	White	Seed Movement	4	8.5	5.5			2.08	40	1	3	White	
T814	{[(6366 × 2226) × 3035 <sup>2</sup> ] × 1129} × 7550	757-2	4	10	4			2.00	41	2.5	4	Purple	
T819	[(2566 × 6253) × Red] × PI432903	303-2	4	11	2	1		2.00	42	3.5	4	Red	
T817	PI432903	001-4	7	7	3	1		1.89	43	—	—	Red	
T843	WWortel × BCVTHT	696-1	4	12	2			1.89	44	3	3	White	
T804	Purple Haze	Bejo	7	7	3.5	0.5		1.86	45	4	4	Purple	
T812	Purple Rain	Bejo	7	8	2	1		1.83	46	4	4	Purple	
T801	(7254 × 1129B) × 7550B	757-3	9	7	2			1.61	47	4	4	Purple	
T803	7262 × Turkish	218-1	9	8	1			1.56	48	4	3	Purple	

<sup>1</sup> Mean based on average of 18 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

<sup>2</sup> Flavor (1 judge):

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

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