



United States Department of Agriculture

Research, Education, and Economics
Agricultural Research Service

March 14, 2025

Subject: UC- USDA Carrot Trials
To: Trial Participants
From: Phil Simon and Tom Horejsi

A handwritten signature in blue ink, appearing to read "Phil Simon", written in a cursive style.

The results of the 2025 UC-USDA Cut & Peel, Cello, and Novel Carrot Trials in El Centro are attached, along with your score sheet.

Note that two versions of results are enclosed for each of the three trial categories – one organized by Field Number and one by Rank.

We were pleased to receive the participation and evaluations of judges who were able to attend.

We are very grateful to DREC staff for their cooperation and excellent assistance. Their help is much appreciated. Thank you.



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Entry	Pedigree or	Source	Number of Judges Placing in Class						
	Name		1	2	3	4	5	Mean¹	Rank
Entries Listed by Field Number									
B501	UpperCut Standard	Nunhems		1	6.5	9	0.5	3.53	
B502	PS07101441 Standard	Seminis			5	11	1	3.76	
B503	Imperial Cuts Standard	Integra	7.5	5.5	1	1		1.70	
B504	(L1408A×L9785)×Nbh2306	21'125-3	1	4.5	13.5	4	1	2.98	44
B505	(L2574A×L1408)×Nbh2306	23'348-4		6.5	13	3.5	1	2.96	47
B506	(L2577A×L1408)×L1408	23'347-6		4.5	14	4	1.5	3.10	38
B507	HighCut	Nunhems			5.5	15.5	3	3.90	8
B508	(L1408A×L4622)×L2577	24'436-6	4		1	1		1.83	
B509	(L9793A×L4622)×L1408	20'031-6		5.5	12.5	5		2.98	46
B510	(L9793A×L4622)×L1408	22'203-6	1	4	13.5	4.5	1	3.02	42
B511	(L1408A×Nbh2306)×L9786	24'439-5	8	12	2			1.73	63
B512	Pismo	Bejo		3.5	6	11.5	3	3.58	19
B513	(L7553A×L9793)×L2577	24'436-9	11	3		2		1.56	
B514	ReadyCut	Nunhems		3	11	8.5	1.5	3.35	26
B515	(L1408A×L7553)×L9786	24'439-7	4	13.5	4.5	2		2.19	60
B516	(L1408A×L4622B)×L9786	24'439-6	14	8	2			1.50	67
B517	Pittsburg	Bejo		1	6	14	3	3.79	13
B518	(L9785A×L2576)×Nbh2306	17'790-4		2	12.5	9	0.5	3.33	29
B519	(L2574A×L1408)×L9786	19'B110-3		0.5	14.5	8	1	3.40	25
B520	(L4622A×L1408)×L2577	24'436-7	14.5	9.5				1.40	69
B521	(L1408A×L7553)×L9793	N220054	1	3.5	12.5	7		3.06	40
B522	(L1408A×L2575)×L9786	24'439-8	7.5	9.5	4		1	1.98	62
B523	(L2574A×L1408)×L2575	23'349-5		7	14.5	2.5		2.81	51
B524	(L1408A×Nbh2306)×L9785	24'438-4		0.5	14	8	1.5	3.44	21
B525	L9786A × L2577B	24'436-3	10.5	9.5	2	1		1.72	64
B526	HoneySnax	Nunhems		1	14	6	3	3.46	20
B527	WIC 721	Integra		1.5	13.5	8	1	3.35	27
B528	(L1408A×L9785)×Nbh2306	22'S1382-4		1	7.5	10.5	5	3.81	12
B529	(L1408A×L9785)×L2575	23'349-7		2.5	14	6.5	1	3.25	32
B530	(L4622A×L9882)×L1408	20'031-7		1.5	9.5	9.5	3.5	3.63	17
B531	EXP 3572	Bejo			8	7.5	8.5	4.02	5
B532	(L2574A×L1408)×L1408	22'203-3	0.5	7.5	10	4.5	1.5	2.96	48
B533	(L1408A×L7553)×L9882	22'206-3	1.5	6	15	1.5		2.69	55
B534	WIC 716	Integra		2	7	13	2	3.63	18
B535	(L9793A×L9885)×L7553	22'204-4	0.5	1.5	14.5	5.5	2	3.29	30
B536	(L1408A×L4622)×L2575	23'349-6		4.5	10.5	6.5	2.5	3.29	31
B537	(L7553A×L1408)×L2577	24'436-8	11	9	2			1.59	65
B538	(L1408A×L7553)×L2575	19'B108-3		1	7	10.5	5.5	3.85	11
B539	(9256A×L7551)×L4622	13'363-2			6	11	7	4.04	4
B540	(SC×L9788)×L4622	13'363-5		2	17	4	1	3.17	36
B541	CrispyCut	Nunhems		0.5	6	13.5	4	3.88	9
B542	(L7553A×L1408)×L9786	24'439-9	1.5	5.5	13	4		2.81	52
B543	(L2574A×L1408)×L9882	22'206-5		1.5	4	12.5	6	3.96	6
B544	(L7553A×L1408)×L9785	24'438-5		8	12.5	3.5		2.81	53
B545	(L2574A×L1408)×L7553	19'B109-3	0.5	1.5	8	9.5	4.5	3.67	15
B546	(L4622A×L2577)×L1408	23'347-7		3	15	4	2	3.21	34
B547	WIC 727	Integra		0.5	2.5	7.5	13.5	4.42	1
B548	(L1408A×L7553)×Nbh2306	22'S1382-5		0.5	6	11.5	6	3.96	7
B549	(L1408A×L7553)×L2815	22'250-2	1	2	13	6	2	3.25	33
B550	UpperCut	Nunhems		3	7.5	8.5	5	3.65	16
B551	(L1408A×L9785)×L7553	22'204-6	2	3.5	13.5	5		2.90	49
B552	(L1408A×L7553)×L4622	19'950-6	6	11	7			2.04	61
B553	(L1408A×L9785)×L7553	20'034-4	0.5	3	14	6.5		3.10	39
B554	(L2574A×L1408)×Nbh2306	23'S1361-5		0.5	9	11.5	3	3.71	14

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank
			1	2	3	4	5		
B555	(L1408A×L7553)×L9885	19'919-5	16	3	1			1.25	70
B556	CR1706	Seminis		0.5	2.5	15	6	4.10	2
B557	(L1408A×L4622)×L9793	24'B119-5		2.5	11	8.5	2	3.42	24
B558	(L1408A×L9010)×L7553	22'204-5	0.5	3.5	12	7	1	3.19	35
B559	(L1408A×L9793)×L7553	17'763-3	12.5	6.5	2			1.50	68
B560	(7550×2327)×L4623	13'362-5	12	9	2			1.57	66
B561	(L1408A×Nbh2306)×L2577	24'436-5	2	9	11.5	0.5	1	2.56	57
B562	(L1408A×Nbh2306)×L9882	22'206-4	0.5	6	12	4.5	1	2.98	45
B563	(L1408A×L9785B)×L4622B	23'S1363-5	1	3	12.5	6	1.5	3.17	37
B564	WIC 728	Integra			3.5	14.5	6	4.10	3
B565	L9793A × L2577B	24'436-4	4	11	6	1	1	2.30	58
B566	(L7553A×L9793)×L9785	24'438-6	2	5	14.5	1.5	1	2.77	54
B567	(L2574A×L1408)×L4622	23'S1363-4	1	10	9	4		2.67	56
B568	(L9785A×L9884)×L1408	22'203-4	1	5	15	3		2.83	50
B569	SVDC1078	Seminis		1.5	11.5	10	1	3.44	22
B570	(L7553A×L9793)×L9786	24'439-10	3.5	13	5.5	2		2.25	59
B571	SVDC4193	Seminis	1	3	8	8.5	3.5	3.44	23
B572	(L1408A×Nbh2306)×L9793	24'B119-4		1.5	13.5	8	1	3.35	28
B573	(L1408A×L7553)×L1408	19'S1433-3	0.5	5	13	5	0.5	3.00	43
B574	SVDC1978	Seminis		4.5	15	3.5	1	3.04	41
B575	Pontiac	Bejo		1	7	10	6	3.88	10
B576									

¹ Mean based on average of 24 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

Lines starting with a "N" are nematode resistant lines

Entry	Pedigree or	Source	Number of Judges Placing in Class						
	Name		1	2	3	4	5	Mean¹	Rank
Entries Listed by Rank									
B547	WIC 727	Integra		0.5	2.5	7.5	13.5	4.42	1
B556	CR1706	Seminis		0.5	2.5	15	6	4.10	2
B564	WIC 728	Integra			3.5	14.5	6	4.10	3
B539	(9256A×L7551)×L4622	13'363-2			6	11	7	4.04	4
B531	EXP 3572	Bejo			8	7.5	8.5	4.02	5
B543	(L2574A×L1408)×L9882	22'206-5		1.5	4	12.5	6	3.96	6
B548	(L1408A×L7553)×Nbh2306	22'S1382-5		0.5	6	11.5	6	3.96	7
B507	HighCut	Nunhems			5.5	15.5	3	3.90	8
B541	CrispyCut	Nunhems		0.5	6	13.5	4	3.88	9
B575	Pontiac	Bejo		1	7	10	6	3.88	10
B538	(L1408A×L7553)×L2575	19'B108-3		1	7	10.5	5.5	3.85	11
B528	(L1408A×L9785)×Nbh2306	22'S1382-4		1	7.5	10.5	5	3.81	12
B517	Pittsburg	Bejo		1	6	14	3	3.79	13
B554	(L2574A×L1408)×Nbh2306	23'S1361-5		0.5	9	11.5	3	3.71	14
B545	(L2574A×L1408)×L7553	19'B109-3	0.5	1.5	8	9.5	4.5	3.67	15
B550	UpperCut	Nunhems		3	7.5	8.5	5	3.65	16
B530	(L4622A×L9882)×L1408	20'031-7		1.5	9.5	9.5	3.5	3.63	17
B534	WIC 716	Integra		2	7	13	2	3.63	18
B512	Pismo	Bejo		3.5	6	11.5	3	3.58	19
B526	HoneySnax	Nunhems		1	14	6	3	3.46	20
B524	(L1408A×Nbh2306)×L9785	24'438-4		0.5	14	8	1.5	3.44	21
B569	SVDC1078	Seminis		1.5	11.5	10	1	3.44	22
B571	SVDC4193	Seminis	1	3	8	8.5	3.5	3.44	23
B557	(L1408A×L4622)×L9793	24'B119-5		2.5	11	8.5	2	3.42	24
B519	(L2574A×L1408)×L9786	19'B110-3		0.5	14.5	8	1	3.40	25
B514	ReadyCut	Nunhems		3	11	8.5	1.5	3.35	26
B527	WIC 721	Integra		1.5	13.5	8	1	3.35	27
B572	(L1408A×Nbh2306)×L9793	24'B119-4		1.5	13.5	8	1	3.35	28
B518	(L9785A×L2576)×Nbh2306	17'790-4		2	12.5	9	0.5	3.33	29
B535	(L9793A×L9885)×L7553	22'204-4	0.5	1.5	14.5	5.5	2	3.29	30
B536	(L1408A×L4622)×L2575	23'349-6		4.5	10.5	6.5	2.5	3.29	31
B529	(L1408A×L9785)×L2575	23'349-7		2.5	14	6.5	1	3.25	32
B549	(L1408A×L7553)×L2815	22'250-2	1	2	13	6	2	3.25	33
B546	(L4622A×L2577)×L1408	23'347-7		3	15	4	2	3.21	34
B558	(L1408A×L9010)×L7553	22'204-5	0.5	3.5	12	7	1	3.19	35
B540	(SC×L9788)×L4622	13'363-5		2	17	4	1	3.17	36
B563	(L1408A×L9785B)×L4622B	23'S1363-5	1	3	12.5	6	1.5	3.17	37
B506	(L2577A×L1408)×L1408	23'347-6		4.5	14	4	1.5	3.10	38
B553	(L1408A×L9785)×L7553	20'034-4	0.5	3	14	6.5		3.10	39
B521	(L1408A×L7553)×L9793	N220054	1	3.5	12.5	7		3.06	40
B574	SVDC1978	Seminis		4.5	15	3.5	1	3.04	41
B510	(L9793A×L4622)×L1408	22'203-6	1	4	13.5	4.5	1	3.02	42
B573	(L1408A×L7553)×L1408	19'S1433-3	0.5	5	13	5	0.5	3.00	43
B504	(L1408A×L9785)×Nbh2306	21'125-3	1	4.5	13.5	4	1	2.98	44
B562	(L1408A×Nbh2306)×L9882	22'206-4	0.5	6	12	4.5	1	2.98	45
B509	(L9793A×L4622)×L1408	20'031-6		5.5	12.5	5		2.98	46
B505	(L2574A×L1408)×Nbh2306	23'348-4		6.5	13	3.5	1	2.96	47
B532	(L2574A×L1408)×L1408	22'203-3	0.5	7.5	10	4.5	1.5	2.96	48
B551	(L1408A×L9785)×L7553	22'204-6	2	3.5	13.5	5		2.90	49
B568	(L9785A×L9884)×L1408	22'203-4	1	5	15	3		2.83	50
B523	(L2574A×L1408)×L2575	23'349-5		7	14.5	2.5		2.81	51
B542	(L7553A×L1408)×L9786	24'439-9	1.5	5.5	13	4		2.81	52
B544	(L7553A×L1408)×L9785	24'438-5		8	12.5	3.5		2.81	53
B566	(L7553A×L9793)×L9785	24'438-6	2	5	14.5	1.5	1	2.77	54

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank
			1	2	3	4	5		
B533	(L1408A×L7553)×L9882	22'206-3	1.5	6	15	1.5		2.69	55
B567	(L2574A×L1408)×L4622	23'S1363-4	1	10	9	4		2.67	56
B561	(L1408A×Nbh2306)×L2577	24'436-5	2	9	11.5	0.5	1	2.56	57
B565	L9793A × L2577B	24'436-4	4	11	6	1	1	2.30	58
B570	(L7553A×L9793)×L9786	24'439-10	3.5	13	5.5	2		2.25	59
B515	(L1408A×L7553)×L9786	24'439-7	4	13.5	4.5	2		2.19	60
B552	(L1408A×L7553)×L4622	19'950-6	6	11	7			2.04	61
B522	(L1408A×L2575)×L9786	24'439-8	7.5	9.5	4		1	1.98	62
B511	(L1408A×Nbh2306)×L9786	24'439-5	8	12	2			1.73	63
B525	L9786A × L2577B	24'436-3	10.5	9.5	2	1		1.72	64
B537	(L7553A×L1408)×L2577	24'436-8	11	9	2			1.59	65
B560	(7550×2327)×L4623	13'362-5	12	9	2			1.57	66
B516	(L1408A×L4622B)×L9786	24'439-6	14	8	2			1.50	67
B559	(L1408A×L9793)×L7553	17'763-3	12.5	6.5	2			1.50	68
B520	(L4622A×L1408)×L2577	24'436-7	14.5	9.5				1.40	69
B555	(L1408A×L7553)×L9885	19'919-5	16	3	1			1.25	70
B501	UpperCut Standard	Nunhems		1	6.5	9	0.5	3.53	
B502	PS07101441 Standard	Seminis			5	11	1	3.76	
B503	Imperial Cuts Standard	Integra	7.5	5.5	1	1		1.70	
B508	(L1408A×L4622)×L2577	24'436-6	4		1	1		1.83	
B513	(L7553A×L9793)×L2577	24'436-9	11	3		2		1.56	
B576									

¹ Mean based on average of 24 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

Lines starting with a "N" are nematode resistant lines

Entry	Pedigree or	Source	Number of Judges Placing in Class							
	Name		1	2	3	4	5	Mean¹	Rank	
Entries Listed by Field Number										
C501	Maverick	Nunhems		0.5	4.5	12	2	3.82		
C502	TrophyPak	Nunhems			5	17	4	3.96	1	
C503	(U7393A×F7385)×F7119	24'B124-4	1	12.5	8	3.5	1	2.65	55	
C504	(Nb2159A×U9237)×Nb2306	23'S1361-3		5.5	9	5.5	6	3.46	10	
C505	Rebel	Nunhems	1	7	10.5	5.5	2	3.02	35	
C506	(2566A×F7738)×Nb2159	21'103-6	2	8.5	10.5	4	1	2.75	50	
C507	Calantis	Enza Zaden	2	8	11	5		2.73	52	
C508	(Uber-A×F7738)×B5280	24'478-4	16		2		1	1.42	72	
C509	(Uber-A×F7738)×Nb8524	23'S1364-5	0.5	3.5	9	10	3	3.44	11	
C510	(B2144A×F5494)×F7119	N220064	1	4	9	8	4	3.38	12	
C511	(Nb2159A×Nb2306)×F7737	24'447-3	1.5	4.5	12.5	5.5	2	3.08	28	
C512	(Nb2306A×U7393)×F5367	23'B124-5	3	5	12	5	1	2.85	46	
C513	(B2144A×F7142)×B6274	24'445-2	5	13.5	6.5		1	2.17	69	
C514	(7808A×9304)×6526	13'349-6	0.5	3	14.5	7	1	3.19	20	
C515	Orange Fancy	Seminis		1	6	13	6	3.92	2	
C516	(Nb2159A×F7385)×U9237	24'B121-4	1.5	7.5	14	2	1	2.75	51	
C517	WIC 113	Integra	0.5	3	16.5	5	1	3.12	25	
C518	Navedo	Bejo		3.5	10.5	7	5	3.52	8	
C519	SV2384DL	Seminis		1	10.5	11	3.5	3.65	5	
C520	Trooper	Nunhems	2	3	14.5	4	2.5	3.08	29	
C521	(Nb2306A×U7393)×Nb3271	23'B122-4	0.5	3.5	15.5	4.5	2	3.15	21	
C522	(Nb2306A×U7393)×B6274	24'445-3	4	11	5.5	5.5		2.48	60	
C523	Jefferson	Bejo	0.5	1.5	6.5	13.5	4	3.73	3	
C524	(U8277A×Nb3271)×F5367	23'B124-4	0.5	5.5	12	7	1	3.10	27	
C525	Cariana	Enza Zaden		5	13	7	1	3.15	22	
C526	(U8277A×Nb3271)×Nb2306	23'S1361-2	0.5	3.5	14	6	2	3.21	18	
C527	Orange Slice	Seminis	1	2.5	8.5	9	5	3.56	7	
C528	(6274A×F7737)×Nb3271	23'S1362-4	0.5	5	10.5	8	2	3.23	17	
C529	Bull Dog	Nunhems	0.5	1	11	8.5	5	3.63	6	
C530	(Nb8524A×F7385)×Nb2306	23'S1361-4	1.5	5	12.5	5	2	3.04	32	
C531	(B2144A×F5494)×U2845	23'316-4	1.5	4.5	12	7	1	3.06	31	
C532	(Nb8524A×F7385)×Nb2159	23'B123-5	0.5	4.5	15.5	4.5	1	3.04	33	
C533	(B9304A×F7738)×U2848	22'257-2	1.5	5.5	12	5.5	1.5	3.00	36	
C534	(Nb8524A×F7385)×Nb3271	23'S1362-5	1.5	8	9	7.5		2.87	44	
C535	(Nb2159×Nb2306)×U2845	23'316-9	2.5	6.5	11.5	5.5		2.77	49	
C536	(9304A×F7737)×F5367	24'444-5	5	10	9	1.5	0.5	2.33	65	
C537	(2566A×Nb2159)×C1545	24'441-4	3	14	5.5	3.5		2.37	64	
C538	SVDL2971	Seminis	1	7	9	8	1	3.04	34	
C539	(Nb2306A×U7393)×Nb9296	23'376-3	0.5	5	12	7.5	1	3.13	23	
C540	Maverick	Nunhems	1	2	12	8	3	3.38	13	
C541	(Nb2159×Nb2306)×F8316	23'370-4	0.5	7.5	13.5	3.5	1	2.88	41	
C542	Junction	Bejo	1	5	12	7	1	3.08	30	
C543	(Nb2306A×U7393)×B5280	24'478-2	14		2			1.25		
C544	(2566A×Nb2159)×Nb9296	22'221-3	2	11	8	5		2.62	57	
C545	(Nb8524A×F7385)×F5367	24'444-4	1.5	9.5	11	3	1	2.71	53	
C546	(Nb2306A×U7393)×F9924	24'448-4	1	5.5	14	4.5	1	2.96	39	
C547	Orange Fancy	Johnny's		2	8.5	10.5	5	3.71	4	
C548	(U8277A×Nb3271)×F7119	24'B124-5	1	2.5	10	10.5	1	3.32	14	
C549	(Nb2159×Nb2306)×F7385	23'317-8	0.5	8	11.5	4	1	2.88	42	
C550	(6274A×F7737)×F3513	22'S1378-3	3.5	11.5	8	1	1	2.38	62	
C551	(Nb2159A×U9237)×Nb3271	23'S1362-3	5	11.5	7.5	1		2.18	68	
C552	(B2144A×Nb2159)×F5367	24'444-3	3	13	6.5	1.5	1	2.38	63	
C553	(Nb8524A×F7385)×U9237	24'B121-5	1	4.5	14	4.5	1	3.00	37	
C554	(B2144A×Nb2159)×Nb8524	23'S1364-4		3	9.5	10.5	3	3.52	9	

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank
			1	2	3	4	5		
C555	(Nb2306A×U7393)×F8284	22'B123-5	1.5	8.5	7	8		2.86	45
C556	(B1111A×U2845)×U2845	24'428-4	11	11	2	1		1.72	71
C557	(2566A×Nb2159)×F7737	24'447-4	11	8.5	4.5	1		1.82	70
C558	(B2144A×F7142)×F7738	22'S1380-3	2	10.5	9	1.5	1	2.54	59
C559	(Nb2159A×Nb2306)×U7393	24'446-2	3	7.5	11	2.5	1	2.64	56
C560	(B2144A×Nb2159)×F7385	23'317-4	1.5	5.5	15	2	1	2.82	47
C561	(Nb2159A×Nb2306)×U9237	24'B121-3	2	3.5	14	4.5	1	2.96	40
C562	Calibra	Enza Zaden	1.5	8	10	5.5		2.78	48
C563	Calindor	Enza Zaden		6.5	13	4.5	1	3.00	38
C564	(Nb2159A×Nb2306)×F7119	24'B124-3		6	9.5	8.5	2	3.25	16
C565	(6274A×F7737)×U8277	22'B122-3		5	11	8	1	3.20	19
C566	(Nb8524A×F7385)×C1545	24'441-5	6	10	7	3		2.27	66
C567	WIC 116	Integra	3	6.5	8	5.5	2	2.88	43
C568	(Nb2159A×Nb2306)×F9924	24'448-3	4	14.5	4.5	1	1	2.22	67
C569	Carocal	Enza Zaden	3.5	10	6	4.5	1	2.58	58
C570	(Nb2159A×Nb2306)×C1545	24'441-3	1.5	13.5	10	1		2.40	61
C571	(U8277A×Nb3271)×Nb8524	23'S1364-3		5	9.5	9	1.5	3.28	15
C572	IRN 001	Integra		6	11.5	6.5	1	3.10	26
C573	(Nb2306A×F7385)×B5280	24'478-5	13		1	1	1	1.56	
C574	(9304A×F7737)×U8277	22'B122-4		5.5	11.5	7.5	0.5	3.12	24
C575	(B2144A×F7142)×F7737	22'S1379-3	1.5	11.5	7	4	1	2.66	54

¹ Mean based on average of 26 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

Lines starting with a "N" are nematode resistant lines

Entry	Pedigree or	Source	Number of Judges Placing in Class						
	Name		1	2	3	4	5	Mean¹	Rank
Entries Listed by Rank									
C502	TrophyPak	Nunhems			5	17	4	3.96	1
C515	Orange Fancy	Seminis		1	6	13	6	3.92	2
C523	Jefferson	Bejo	0.5	1.5	6.5	13.5	4	3.73	3
C547	Orange Fancy	Johnny's		2	8.5	10.5	5	3.71	4
C519	SV2384DL	Seminis		1	10.5	11	3.5	3.65	5
C529	Bull Dog	Nunhems	0.5	1	11	8.5	5	3.63	6
C527	Orange Slice	Seminis	1	2.5	8.5	9	5	3.56	7
C518	Navedo	Bejo		3.5	10.5	7	5	3.52	8
C554	(B2144A×Nb2159)×Nb8524	23'S1364-4		3	9.5	10.5	3	3.52	9
C504	(Nb2159A×U9237)×Nb2306	23'S1361-3		5.5	9	5.5	6	3.46	10
C509	(Uber-A×F7738)×Nb8524	23'S1364-5	0.5	3.5	9	10	3	3.44	11
C510	(B2144A×F5494)×F7119	N220064	1	4	9	8	4	3.38	12
C540	Maverick	Nunhems	1	2	12	8	3	3.38	13
C548	(U8277A×Nb3271)×F7119	24'B124-5	1	2.5	10	10.5	1	3.32	14
C571	(U8277A×Nb3271)×Nb8524	23'S1364-3		5	9.5	9	1.5	3.28	15
C564	(Nb2159A×Nb2306)×F7119	24'B124-3		6	9.5	8.5	2	3.25	16
C528	(6274A×F7737)×Nb3271	23'S1362-4	0.5	5	10.5	8	2	3.23	17
C526	(U8277A×Nb3271)×Nb2306	23'S1361-2	0.5	3.5	14	6	2	3.21	18
C565	(6274A×F7737)×U8277	22'B122-3		5	11	8	1	3.20	19
C514	(7808A×9304)×6526	13'349-6	0.5	3	14.5	7	1	3.19	20
C521	(Nb2306A×U7393)×Nb3271	23'B122-4	0.5	3.5	15.5	4.5	2	3.15	21
C525	Cariana	Enza Zaden		5	13	7	1	3.15	22
C539	(Nb2306A×U7393)×Nb9296	23'376-3	0.5	5	12	7.5	1	3.13	23
C574	(9304A×F7737)×U8277	22'B122-4		5.5	11.5	7.5	0.5	3.12	24
C517	WIC 113	Integra	0.5	3	16.5	5	1	3.12	25
C572	IRN 001	Integra		6	11.5	6.5	1	3.10	26
C524	(U8277A×Nb3271)×F5367	23'B124-4	0.5	5.5	12	7	1	3.10	27
C511	(Nb2159A×Nb2306)×F7737	24'447-3	1.5	4.5	12.5	5.5	2	3.08	28
C520	Trooper	Nunhems	2	3	14.5	4	2.5	3.08	29
C542	Junction	Bejo	1	5	12	7	1	3.08	30
C531	(B2144A×F5494)×U2845	23'316-4	1.5	4.5	12	7	1	3.06	31
C530	(Nb8524A×F7385)×Nb2306	23'S1361-4	1.5	5	12.5	5	2	3.04	32
C532	(Nb8524A×F7385)×Nb2159	23'B123-5	0.5	4.5	15.5	4.5	1	3.04	33
C538	SVDL2971	Seminis	1	7	9	8	1	3.04	34
C505	Rebel	Nunhems	1	7	10.5	5.5	2	3.02	35
C533	(B9304A×F7738)×U2848	22'257-2	1.5	5.5	12	5.5	1.5	3.00	36
C553	(Nb8524A×F7385)×U9237	24'B121-5	1	4.5	14	4.5	1	3.00	37
C563	Calindor	Enza Zaden		6.5	13	4.5	1	3.00	38
C546	(Nb2306A×U7393)×F9924	24'448-4	1	5.5	14	4.5	1	2.96	39
C561	(Nb2159A×Nb2306)×U9237	24'B121-3	2	3.5	14	4.5	1	2.96	40
C541	(Nb2159×Nb2306)×F8316	23'370-4	0.5	7.5	13.5	3.5	1	2.88	41
C549	(Nb2159×Nb2306)×F7385	23'317-8	0.5	8	11.5	4	1	2.88	42
C567	WIC 116	Integra	3	6.5	8	5.5	2	2.88	43
C534	(Nb8524A×F7385)×Nb3271	23'S1362-5	1.5	8	9	7.5		2.87	44
C555	(Nb2306A×U7393)×F8284	22'B123-5	1.5	8.5	7	8		2.86	45
C512	(Nb2306A×U7393)×F5367	23'B124-5	3	5	12	5	1	2.85	46
C560	(B2144A×Nb2159)×F7385	23'317-4	1.5	5.5	15	2	1	2.82	47
C562	Calibra	Enza Zaden	1.5	8	10	5.5		2.78	48
C535	(Nb2159×Nb2306)×U2845	23'316-9	2.5	6.5	11.5	5.5		2.77	49
C506	(2566A×F7738)×Nb2159	21'103-6	2	8.5	10.5	4	1	2.75	50
C516	(Nb2159A×F7385)×U9237	24'B121-4	1.5	7.5	14	2	1	2.75	51
C507	Calantis	Enza Zaden	2	8	11	5		2.73	52
C545	(Nb8524A×F7385)×F5367	24'444-4	1.5	9.5	11	3	1	2.71	53
C575	(B2144A×F7142)×F7737	22'S1379-3	1.5	11.5	7	4	1	2.66	54

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank
			1	2	3	4	5		
C503	(U7393A×F7385)×F7119	24'B124-4	1	12.5	8	3.5	1	2.65	55
C559	(Nb2159A×Nb2306)×U7393	24'446-2	3	7.5	11	2.5	1	2.64	56
C544	(2566A×Nb2159)×Nb9296	22'221-3	2	11	8	5		2.62	57
C569	Carocal	Enza Zaden	3.5	10	6	4.5	1	2.58	58
C558	(B2144A×F7142)×F7738	22'S1380-3	2	10.5	9	1.5	1	2.54	59
C522	(Nb2306A×U7393)×B6274	24'445-3	4	11	5.5	5.5		2.48	60
C570	(Nb2159A×Nb2306)×C1545	24'441-3	1.5	13.5	10	1		2.40	61
C550	(6274A×F7737)×F3513	22'S1378-3	3.5	11.5	8	1	1	2.38	62
C552	(B2144A×Nb2159)×F5367	24'444-3	3	13	6.5	1.5	1	2.38	63
C537	(2566A×Nb2159)×C1545	24'441-4	3	14	5.5	3.5		2.37	64
C536	(9304A×F7737)×F5367	24'444-5	5	10	9	1.5	0.5	2.33	65
C566	(Nb8524A×F7385)×C1545	24'441-5	6	10	7	3		2.27	66
C568	(Nb2159A×Nb2306)×F9924	24'448-3	4	14.5	4.5	1	1	2.22	67
C551	(Nb2159A×U9237)×Nb3271	23'S1362-3	5	11.5	7.5	1		2.18	68
C513	(B2144A×F7142)×B6274	24'445-2	5	13.5	6.5		1	2.17	69
C557	(2566A×Nb2159)×F7737	24'447-4	11	8.5	4.5	1		1.82	70
C556	(B1111A×U2845)×U2845	24'428-4	11	11	2	1		1.72	71
C508	(Uber-A×F7738)×B5280	24'478-4	16		2		1	1.42	72
C501	Maverick	Nunhems		0.5	4.5	12	2	3.82	
C543	(Nb2306A×U7393)×B5280	24'478-2	14		2			1.25	
C573	(Nb2306A×F7385)×B5280	24'478-5	13		1	1	1	1.56	

¹ Mean based on average of 26 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

Lines starting with a "N" are nematode resistant lines

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean¹	Rank	Color
			1	2	3	4	5			
Entries Listed by Field Number										
N501	Avalon	Winseed	1	4	12	3.5	4.5	3.26	18	Orange
N502	Apollo	Winseed	3	8	9.5	4.5		2.62	57	Orange
N503	Gladiator	Winseed	2	10	9	4		2.60	58	Orange
N504	JSS-24-02	Johnny's	2.5	6.5	9	5	2	2.90	41	Orange
N505	Candy	Johnny's	2.5	5.5	10.5	4.5	2	2.92	37	Orange
N506	Grandeur	Winseed	1	4.5	13.5	4	2	3.06	26	Orange
N507	JSS-24-03	Johnny's	4	4	10	6	1	2.84	44	Orange
N508	JSS-24-04	Johnny's	1.5	9.5	9	3	2	2.78	47	Orange
N509	Rainbow	Bejo	1	6.5	11.5	2	4	3.06	27	Mixed (
N510	Fantasia	OSA	1.5	6.5	12.5	2.5	2	2.88	42	Mixed (
N511	(R8201A×R5646)×R6093	24'468-6	3	2.5	13.5	5	1	2.94	34	Red
N512	(R6304A×R5647)×R6220	24'469-4	13	2	1			1.25	79	Red
N513	(R6220A×R6304)×R6220	24'469-3	3	10	11		1	2.44	63	Red
N514	(R8201A×R6220)×R5647	23'B125-6		6.5	11.5	6	1	3.06	28	Red
N515	Malbec	Seminis		1.5	6.5	12	5	3.82	2	Red
N516	RubyPak	Nunhems		4.5	14	5	1.5	3.14	22	Red
N517	Redsun	Bejo	0.5	5.5	12.5	5.5	1	3.04	29	Red
N518	(R8201A×R6093)×R5647	23'399-3	1	8	8	7	1	2.96	32	Red
N519	(R6304A×R5647)×R5646	24'B122-4	0.5	9.5	10	5		2.78	48	Red
N520	(R6304A×R7361)×R8201	23'3AC-6	2	7.5	10	4.5	1	2.80	46	Red
N521	(R8201A×R5646)×R5646	24'B122-3	1	6	12.5	4.5	1	2.94	35	Red
N522	(R6304A×R5646)×R0148	24'463-4	2	4	13	5	1	2.96	33	Red
N523	(R6304A×R5647)×R7281	24'470-3	2	6.5	12.5	4		2.74	53	Red
N524	(R8201A×R5646)×R6636	24'B120-5	2	12	8	2	1	2.52	59	Red
N525	(R8201A×R6220)×R5646	24'B122-5	1.5	6.5	8	5	4	3.14	23	Red
N526	(R8201A×R5646)×R6220	24'469-5	7	11.5	4.5	1		1.98	73	Red
N527	(R6304A×R5647)×R6636	24'B120-4		2	5.5	15.5	2	3.70	7	Red
N528	Red Strain	OSA	4	10	8	3		2.40	65	Red
N529	(R6304A×R5647)×R0148	24'463-5	9	12	4			1.80	74	Red
N530	(R6304A×R7361)×R6636	24'B120-2	0.5	2.5	12.5	8	1.5	3.30	17	Red
N531	(R8201A×R5646)×R4294	24'464-4	9.5	5.5	1.5	0.5		1.59	77	Red
N532	(R6304A×R5646)×R7281	24'470-2	13	8	3			1.58	78	Red
N533	(R6304A×R7361)×R5647	23'B125-5	0.5	4	9	8.5	3	3.38	13	Red
N534	Rubypak	Johnny's		1	9.5	11.5	3	3.66	8	Red
N535	(R8201A×R5646)×R0148	24'463-6	1.5	6	11.5	5	1	2.92	38	Red
N536	(R6304A×R5646)×R6636	24'B120-3	0.5	1.5	13.5	8.5	1	3.32	16	Red
N537	(R6304A×R5647)×R6093	24'468-4	3	11.5	6.5	4		2.46	61	Red
N538	(R6304A×R7361)×R6093	24'468-5	2	9.5	8	3.5	2	2.76	51	Red
N539	(R6304A×R7361)×R7281	23'3AB-4	2	7.5	10	3.5	2	2.84	45	Red
N540	(R6304A×R7361)×R0148	23'398-3	1	10	9.5	3.5	1	2.74	54	Red
N541	R6304A×R5646B	24'B122-2		6	8	10	1	3.24	19	Red
N542	(R6304A×R7361)×R6304	23'303-6	6	12	4.5	1.5		2.06	72	Red
N543	YellowBunch	Nunhems	0.5	4.5	9.5	6	4.5	3.38	14	Yellow
N544	(Y7316A×Y8519)×W6422	23'3AH-6	1	10.5	5	6.5	2	2.92	39	Yellow
N545	(W2383A×W9381)×Y1246	22'289-6	0.5	10	11	1.5	2	2.78	49	Yellow
N546	(L1408A×L7553)×Y7316	24'B123-4	3	6	8.5	1	6.5	3.08	25	Yellow
N547	(Y7316A×W7308)×Y7316	24'427-4	2	13	6.5	3.5		2.46	62	Yellow
N548	(W2383A×W9381)×Y8519	21'140-5		7	10.5	4	3.5	3.16	21	Yellow
N549	(L9793A×L9885)×Y7316	22'291-4	3	5.5	6	8.5	2	3.04	30	Yellow
N550	(Y1246A×Y5654)×Y5665	24'473-3	1	3	12.5	3	5.5	3.36	15	Yellow
N551	Mello Yello	Bejo	0.5	5	12.5	4.5	2.5	3.14	24	Yellow
N552	(L2574A×L1408)×Y7316	24'B123-5	3.5	3.5	9	7	2	3.02	31	Yellow
N553	Yellow Starin	OSA	3	11	10	1		2.36	67	Yellow

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Color
			1	2	3	4	5			
N554	KXPC 754	Integra		1.5	8	9.5	6	3.80	3	Yellow
N555	Yellow Moon	Bejo		2.5	6.5	11	5	3.74	6	Yellow
N556	(L1408A×Nbh2306)×Y7316	24'B123-3	1	2.5	10.5	5.5	5.5	3.48	10	Yellow
N557	(L9793A×L9885)×Y8519	22'293-3	3	6	11	4	1	2.76	52	Yellow
N558	(Y7316A×Y6364)×Y7316	24'427-3	3	13	8		1	2.32	68	Yellow
N559	(Y1246A×Y9976)×W6422	22'294-4	1	10	9.5	2.5	2	2.78	50	Yellow
N560	CreamPak	Nunhems		3	6	6.5	9.5	3.90	1	Cream
N561	White Satin	Bejo		3	6	10	6	3.76	5	White
N562	Snow Man	Nunhems		6	6.5	5	7.5	3.56	9	White
N563	(W2383A×W9381)×W7308	23'3AG-3	12	9	3			1.63	76	White
N564	(W2383A×W9381)×W6422	22'294-6	6	11.5	4.5	3		2.18	70	White
N565	Deep Purple	Bejo	1.5	1.5	4.5	11	6.5	3.78	4	Purple
N566	PYP Light	OSA	4	10	10	1		2.32	69	Purple
N567	PurpleSummer	Nunhems	1	3	8	10	3	3.44	11	Purple
N568	(P6279A×P8438)×P8390	22'231-5	2.5	5.5	12	3	2	2.86	43	Purple
N569	(P7262A×P0114)×P2963	24'451-3	5.5	12.5	6	1		2.10	71	Purple
N570	(P1129A×P7235)×P3490	24'452-2	12	8	3	1		1.71	75	Purple
N571	(P8438A×P6279)×P7014	22'233-2	3.5	7	5.5	5.5	3.5	2.94	36	Purple
N572	(P6306A×6264)×P8438	11'134-5	3.5	12	5	1.5	2	2.44	64	Purple
N573	Purple Sun	Bejo	1	4	5	13	2	3.44	12	Purple
N574	Purple Haze	Bejo	1	5.5	13.5	4.5	0.5	2.92	40	Purple
N575	(P5105A×P0114)×P1129	24'455-5	2.5	9.5	11	2		2.50	60	Purple
N576	(P7262A×P5105)×P8522	23'S1366-5	2	7.5	10.5	5		2.74	55	Purple
N577	(P1129A×P7235)×P4728	24'426-3	7		1			1.25	80	Purple
N578	PurpleElite	Nunhems	1.5	6.5	5	10	2	3.18	20	Purple
N579	(P7262A×P7235)×P1129	23'381-6	2.5	7.5	11	2.5	1.5	2.72	56	Purple
N580	(P7262A×P7235)×P8522	23'S1366-4	4.5	11.5	4.5	3.5	1	2.40	66	Purple

¹ Mean based on average of 25 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.

Entry	Pedigree or Name	Source	Number of Judges Placing in Class							Rank	Color
			1	2	3	4	5	Mean ¹			
Entries Listed by Rank											
N560	CreamPak	Nunhems		3	6	6.5	9.5	3.90	1	Cream	
N515	Malbec	Seminis		1.5	6.5	12	5	3.82	2	Red	
N554	KXPC 754	Integra		1.5	8	9.5	6	3.80	3	Yellow	
N565	Deep Purple	Bejo	1.5	1.5	4.5	11	6.5	3.78	4	Purple	
N561	White Satin	Bejo		3	6	10	6	3.76	5	White	
N555	Yellow Moon	Bejo		2.5	6.5	11	5	3.74	6	Yellow	
N527	(R6304A×R5647)×R6636	24'B120-4		2	5.5	15.5	2	3.70	7	Red	
N534	Rubypak	Johnny's		1	9.5	11.5	3	3.66	8	Red	
N562	Snow Man	Nunhems		6	6.5	5	7.5	3.56	9	White	
N556	(L1408A×Nbh2306)×Y7316	24'B123-3	1	2.5	10.5	5.5	5.5	3.48	10	Yellow	
N567	PurpleSummer	Nunhems	1	3	8	10	3	3.44	11	Purple	
N573	Purple Sun	Bejo	1	4	5	13	2	3.44	12	Purple	
N533	(R6304A×R7361)×R5647	23'B125-5	0.5	4	9	8.5	3	3.38	13	Red	
N543	YellowBunch	Nunhems	0.5	4.5	9.5	6	4.5	3.38	14	Yellow	
N550	(Y1246A×Y5654)×Y5665	24'473-3	1	3	12.5	3	5.5	3.36	15	Yellow	
N536	(R6304A×R5646)×R6636	24'B120-3	0.5	1.5	13.5	8.5	1	3.32	16	Red	
N530	(R6304A×R7361)×R6636	24'B120-2	0.5	2.5	12.5	8	1.5	3.30	17	Red	
N501	Avalon	Winseed	1	4	12	3.5	4.5	3.26	18	Orange	
N541	R6304A×R5646B	24'B122-2		6	8	10	1	3.24	19	Red	
N578	PurpleElite	Nunhems	1.5	6.5	5	10	2	3.18	20	Purple	
N548	(W2383A×W9381)×Y8519	21'140-5		7	10.5	4	3.5	3.16	21	Yellow	
N516	RubyPak	Nunhems		4.5	14	5	1.5	3.14	22	Red	
N525	(R8201A×R6220)×R5646	24'B122-5	1.5	6.5	8	5	4	3.14	23	Red	
N551	Mello Yello	Bejo	0.5	5	12.5	4.5	2.5	3.14	24	Yellow	
N546	(L1408A×L7553)×Y7316	24'B123-4	3	6	8.5	1	6.5	3.08	25	Yellow	
N506	Grandeur	Winseed	1	4.5	13.5	4	2	3.06	26	Orange	
N509	Rainbow	Bejo	1	6.5	11.5	2	4	3.06	27	Mixed c	
N514	(R8201A×R6220)×R5647	23'B125-6		6.5	11.5	6	1	3.06	28	Red	
N517	Redsun	Bejo	0.5	5.5	12.5	5.5	1	3.04	29	Red	
N549	(L9793A×L9885)×Y7316	22'291-4	3	5.5	6	8.5	2	3.04	30	Yellow	
N552	(L2574A×L1408)×Y7316	24'B123-5	3.5	3.5	9	7	2	3.02	31	Yellow	
N518	(R8201A×R6093)×R5647	23'399-3	1	8	8	7	1	2.96	32	Red	
N522	(R6304A×R5646)×R0148	24'463-4	2	4	13	5	1	2.96	33	Red	
N511	(R8201A×R5646)×R6093	24'468-6	3	2.5	13.5	5	1	2.94	34	Red	
N521	(R8201A×R5646)×R5646	24'B122-3	1	6	12.5	4.5	1	2.94	35	Red	
N571	(P8438A×P6279)×P7014	22'233-2	3.5	7	5.5	5.5	3.5	2.94	36	Purple	
N505	Candy	Johnny's	2.5	5.5	10.5	4.5	2	2.92	37	Orange	
N535	(R8201A×R5646)×R0148	24'463-6	1.5	6	11.5	5	1	2.92	38	Red	
N544	(Y7316A×Y8519)×W6422	23'3AH-6	1	10.5	5	6.5	2	2.92	39	Yellow	
N574	Purple Haze	Bejo	1	5.5	13.5	4.5	0.5	2.92	40	Purple	
N504	JSS-24-02	Johnny's	2.5	6.5	9	5	2	2.90	41	Orange	
N510	Fantasia	OSA	1.5	6.5	12.5	2.5	2	2.88	42	Mixed c	
N568	(P6279A×P8438)×P8390	22'231-5	2.5	5.5	12	3	2	2.86	43	Purple	
N507	JSS-24-03	Johnny's	4	4	10	6	1	2.84	44	Orange	
N539	(R6304A×R7361)×R7281	23'3AB-4	2	7.5	10	3.5	2	2.84	45	Red	
N520	(R6304A×R7361)×R8201	23'3AC-6	2	7.5	10	4.5	1	2.80	46	Red	
N508	JSS-24-04	Johnny's	1.5	9.5	9	3	2	2.78	47	Orange	
N519	(R6304A×R5647)×R5646	24'B122-4	0.5	9.5	10	5		2.78	48	Red	
N545	(W2383A×W9381)×Y1246	22'289-6	0.5	10	11	1.5	2	2.78	49	Yellow	
N559	(Y1246A×Y9976)×W6422	22'294-4	1	10	9.5	2.5	2	2.78	50	Yellow	
N538	(R6304A×R7361)×R6093	24'468-5	2	9.5	8	3.5	2	2.76	51	Red	
N557	(L9793A×L9885)×Y8519	22'293-3	3	6	11	4	1	2.76	52	Yellow	
N523	(R6304A×R5647)×R7281	24'470-3	2	6.5	12.5	4		2.74	53	Red	

Entry	Pedigree or Name	Source	Number of Judges Placing in Class					Mean ¹	Rank	Color
			1	2	3	4	5			
N540	(R6304A×R7361)×R0148	23'398-3	1	10	9.5	3.5	1	2.74	54	Red
N576	(P7262A×P5105)×P8522	23'S1366-5	2	7.5	10.5	5		2.74	55	Purple
N579	(P7262A×P7235)×P1129	23'381-6	2.5	7.5	11	2.5	1.5	2.72	56	Purple
N502	Apollo	Winseed	3	8	9.5	4.5		2.62	57	Orange
N503	Gladiator	Winseed	2	10	9	4		2.60	58	Orange
N524	(R8201A×R5646)×R6636	24'B120-5	2	12	8	2	1	2.52	59	Red
N575	(P5105A×P0114)×P1129	24'455-5	2.5	9.5	11	2		2.50	60	Purple
N537	(R6304A×R5647)×R6093	24'468-4	3	11.5	6.5	4		2.46	61	Red
N547	(Y7316A×W7308)×Y7316	24'427-4	2	13	6.5	3.5		2.46	62	Yellow
N513	(R6220A×R6304)×R6220	24'469-3	3	10	11		1	2.44	63	Red
N572	(P6306A×6264)×P8438	11'134-5	3.5	12	5	1.5	2	2.44	64	Purple
N528	Red Strain	OSA	4	10	8	3		2.40	65	Red
N580	(P7262A×P7235)×P8522	23'S1366-4	4.5	11.5	4.5	3.5	1	2.40	66	Purple
N553	Yellow Starin	OSA	3	11	10	1		2.36	67	Yellow
N558	(Y7316A×Y6364)×Y7316	24'427-3	3	13	8		1	2.32	68	Yellow
N566	PYP Light	OSA	4	10	10	1		2.32	69	Purple
N564	(W2383A×W9381)×W6422	22'294-6	6	11.5	4.5	3		2.18	70	White
N569	(P7262A×P0114)×P2963	24'451-3	5.5	12.5	6	1		2.10	71	Purple
N542	(R6304A×R7361)×R6304	23'303-6	6	12	4.5	1.5		2.06	72	Red
N526	(R8201A×R5646)×R6220	24'469-5	7	11.5	4.5	1		1.98	73	Red
N529	(R6304A×R5647)×R0148	24'463-5	9	12	4			1.80	74	Red
N570	(P1129A×P7235)×P3490	24'452-2	12	8	3	1		1.71	75	Purple
N563	(W2383A×W9381)×W7308	23'3AG-3	12	9	3			1.63	76	White
N531	(R8201A×R5646)×R4294	24'464-4	9.5	5.5	1.5	0.5		1.59	77	Red
N532	(R6304A×R5646)×R7281	24'470-2	13	8	3			1.58	78	Red
N512	(R6304A×R5647)×R6220	24'469-4	13	2	1			1.25	79	Red
N577	(P1129A×P7235)×P4728	24'426-3	7		1			1.25	80	Purple

¹ Mean based on average of 25 judges: 1 = unacceptable, 2 = poor, 3 = fair, 4 = good, 5 = excellent.