Seminole-Waltham Breeding Trial; Common Wealth Seed Growers 2016

Entry #	Seedstock (plant number from 2015)	Dry Matter	Median Dry Matter	Brix	Median Brix	DM (Downy Mildew) 9/16; 1 is best, 9 is worst	DM 9/25	DM 10/12	Harvest Weight	Yield (1/10sqft	Dry Matter Yield (lbs/10sqft)	Unmarket-able fruits	Area	Fruit Count	Avg. Fruit Weight	Early February Brix Tests
Plant 5	5 open	12.6	13.9	8.1	9.6	3.5	4	6.5	38.4	5.1	0.6	0	75	10	3.8	
		13.9		9.6						5.1	0.7					
		16.1		10.6						5.1	0.8					
Plant 7	5 open	17.5	17.5	10	10	4.5	5.5	8.5	31.6	6.9	1.2	0	45.5	6	5.3	
		18.8		10.5						6.9	1.3					
		17.1		9.5						6.9	1.2					
Plant 8	5 open	15.1	15.1	9.6	9.3	4	4	6	33.3	6.5	1.0	0	51	9	3.7	
		14.9		9.3						6.5	1.0					
		15.1		9.1						6.5	1.0					
Plant 12	5 selfed	13.3	13.3	9	9	2.5	4.5	7	23.4	7.8	1.0	0	30	6	3.9	
		12.3		10.1						7.8	1.0					
		16.7		9						7.8	1.3					
Plant 13	5 selfed	14.6	10.9	10.3	8.2	3	4	6	22.8	5.9	0.9	1	38.5	4	5.7	
		10.9		8.2						5.9	0.6					
		10.5		8.1						5.9	0.6					
Plant 21	2 open	13.9	14.2	7.8	8.9	3.5	5	7.5	29.6	7.6	1.1	0	39	5	5.9	
		14.2		8.9						7.6	1.1					
		14.6		9						7.6	1.1					
Plant 23	2 open	15.3	16.2	9.2	9.7	4.5	5	7.5	26.2	6.8	1.0	1	38.5	7	3.7	
		16.2		9.7						6.8	1.1					
		17.4		10.1						6.8	1.2					
Plant 25	2 open	14.4	13.7	9.1	9.2	4.5	5	6.5	45.8	8.5	1.2	1	54	13	3.5	10.3
		12.8		9.3						8.5	1.1					9.2
		13.7		9.2						8.5	1.2					
Plant 26	2 open	14.4	14.4	9.6	10.1	4	4.5	6.5	28.3	6.2	0.9	0	45.5	7	4.0	
		14.3		10.1						6.2	0.9					
		15.1		10.2						6.2	0.9					
Plant 28	2 open	14.4	14.4	8.4	8.9	4	4.5	7	38.8	8.5	1.2	0	45.5	9	4.3	9.8
		14.1		8.9						8.5	1.2					9.7
		15.4		10.2						8.5	1.3					
Plant 29	2 open	14.4	15.7	11	11	3.5	4	6.5	24.5	5.8	0.8	0	42	5	4.9	
		15.7		10.9						5.8	0.9					
		16.5		11.8						5.8	1.0					
Plant 39	7 open	16.7	17.2	10.9	10.9	4	5	7	24.6	6.0	1.0	0	41	7	3.5	
		21.2		11.9						6.0	1.3					
		17.2		10						6.0	1.0					
Plant 53	12 open	16.8	16.8	10.2	10	4.5	5	7	49.6	9.0	1.5	0	55	7	7.1	11.6
		12.6		8.5						9.0	1.1					11.4
		17.0		10						9.0	1.5					
Plant 54	12 open	20.0	20.0	11.3	11.3	5	6	7	56.4	7.2	1.4	1	70	15	3.4	13.5
		18.1		10.9						7.2	1.3					12.9
		20.4		11.9						7.2	1.5					
Plant 55	12 open	15.5	15.9	10.4	10.9	4	4	6.5	16.9	5.6	0.9	0	30	6	2.8	
		17.9		11.4						5.6	1.0					
		15.9		10.9						5.6	0.9					
Plant 56	12 open	19.9	19.9	10.9	10.8	5	5.5	6	45	4.8	0.9	0	94.5	9	5.0	
		20.1		10.8						4.8	1.0					
		16.2		10.1						4.8	0.8					
Plant 57	12 open	19.8	19.4	12.5	12.5	4.5	4.5	6.5	47.9	6.7	1.3	0	72	11	4.4	14
		18.5		13.1						6.7	1.2					16
		19.4		12.1						6.7	1.3					
Plant 60	12 open	15.1	15.3	10.9	10.1	4.5	5	6	49.6	7.8	1.2	1	64	7	7.1	
		16.7		10.1						7.8	1.3					
		15.3		10						7.8	1.2					
Plant 61	12 open	14.7	14.7	10.9	10.9	4	4.5	7	40.3	7.1	1.0	0	57	7	5.8	13.2
		19.7		11.3						7.1	1.4					12.4
		14.1		10.1						7.1	1.0					
Plant 62	12 open	18.0	16.5	10.7	10.7	4	4.5	6.5	41.1	5.1	0.9	1	80	9	4.6	
		15.3		10.9						5.1	0.8					
		16.5		10.6						5.1	0.8					
Plant 63	12 open	19.2	16.4	11.9	11.9	5	5	7.5	32.6	6.3	1.2	0	52	11	3.0	12.8
		16.4		12.3						6.3	1.0					13.9
		15.0		11.3						6.3	0.9					13.3
Plant 65	12 open	17.7	14.0	9.9	10.3	3.5	4	7	24.4	5.0	0.9	0	49	5	4.9	
		13.8		10.3						5.0	0.7					
		14.0		10.4						5.0	0.7					
Plant 68	5 open	16.6	16.6	10.9	11.1	3	3.5	6	38.5	4.8	0.8	0	81	13	3.0	12.3
		15.1		11.1						4.8	0.7					13.3
		18.0		11.4						4.8	0.9					
Plant 70	5 open	18.2	16.0	11.1	10.6	4	4	5.5	38.7	4.8	0.9	0	81	7	5.5	12.2
		14.5		9						4.8	0.7					
		16.0		10.6						4.8	0.8					
Plant 71	2 open	15.7	16.6	10.6	10.4	3.5	4	6	32.4	5.1	0.8	0	64	7	4.6	13.6
		16.6		10.4						5.1	0.8					13.2
		16.9		10.3						5.1	0.9					
Plant 72	2 open	18.0	18.0	11.7	11.1	4.5	5	6.5	37.6	7.7	1.4	0	49	17	2.2	
		17.1		11						7.7	1.3					
		18.8		11.1						7.7	1.4					
Plant 73	15 open	15.7	14.1	9.9	9.9	4.5	4.5	6.5	39.3	8.7	1.4	0	45	15	2.6	
		12.6		8.9						8.7	1.1					
		14.1		9.5						8.7	1.2					
Plant 74	15 open	17.7	16.5	9.3	9.3	3.5	4.5	6.5	49.8	5.2	0.9	0	96	17	2.9	12.7
		15.2		9.2						5.2	0.8					13.2
		16.5		9.3						5.2	0.9					
Plant 75	15 open	15.6	19.9	10.9	11.5	3	4.5	6	30.9	6.1	0.9	0	51	9	3.4	15.1
		24.0		12.4						6.1	1.5					13.9
		19.9		11.5						6.1	1.2					
Plant 76	15 open	17.8	18.2	11.4	10.1	4	5	7	36	6.7	1.2	0	54	7	5.1	11.8
		18.2		10						6.7	1.2					
		19.1		10.1						6.7	1.3					
Plant 77	15 open	12.2	12.2	9.2	9.2	4.5	5.5	7	47.1	7.9	1.0	0	60	10	4.7	8.7
		11.2		8.6						7.9	0.9					11.6
		16.6		10.2						7.9	1.3					
Plant 78	16 open	15.8	15.6	11.5	11.5	5	5	7	29.8	5.1	0.8	0	58	9	3.3	13.7
		15.6		11.8						5.1	0.8					14
		13.3		10.4						5.1	0.7					
Plant 79	16 open	15.3	17.0	10.4	10.4	4	5	7	36.6	3.9	0.6	0	94	9	4.1	
		17.0		9.9						3.9	0.7					
		19.0		11.3						3.9	0.7					
Plant 80	16 open	20.5	20.5	10	11.1	4.5	5	7.5	40.6	4.5	0.9	0	90	12	3.4	
		20.1		11.1						4.5	0.9					
		21.1		12.3						4.5	0.9					
Plant 83	12 selfed	19.0	13.9	11.6	9.4	4	4	6.5	30.7	6.5	1.2	0	47	11	2.8	
		11.8		8.9						6.5	0.8					
		13.9		9.4						6.5	0.9					
Plant 86	12 selfed	15.3	17.7	10.7	10.7	4	5	7.5	32.7	5.8	0.9	2	56	11	3.0	
		21.8		12.7						5.8	1.2					
		17.7		10						5.8	1.0					
Plant 87	12 selfed	17.8	16.0	9.8	9.4	4	5	8.5	30.2	5.0	0.9	0	60	14	2.2	
		16.0		9.4						5.0	0.8					
		13.9		9.4						5.0	0.7					
Plant 91	12 selfed	18.6	17.6	11.1	10.7	4	4.5	6	14.2			0		4	3.6	
		16.8		10.2												
		17.6		10.7												
Plant 93	5 x 12	18.5	17.1	10	10.2	3.5	4.5	7	20.8			0		5	4.2	
		16.3		10.2												
		17.1		10.4												
Plant 97	5 x 12	13.3	15.7	9.6	10.8	4	4.5	6	17.9			0		9	2.0	
		16.1		10.8												
		15.7		11.9												
Plant 98	5 x 12	18.0	18.0	9.7	9.7	4.5	4.5	7	22.5			0		5	4.5	
		18.4		9.5												
		17.1		11												
Plant 99	5 x 12	17.2	17.2	10.7	10.4	4	4.5	6	21.6			0		7	3.1	
		18.3		10.4												
		14.6		8.7												
Plant 100	5 x 12	18.3	17.1	10.6	10.1	4.5	5	5.5	17.4			0		5	3.5	
		16.3		9												
		17.1		10.1												
Plant 102	5 x 12	18.0	18.0	9.9	9.9	4.5	5	6	23			0		4	5.8	
		16.5		9.9												
		18.0		10.6												

Plant 106	5 x 12	17.8	17.8	11.3	10.3	3.5	4	6	26.4			0		6	4.4	11
		21.0		10.3												10.1
		16.5		9.4												
Plant 108	5 x 12	17.1	17.1	11.1	10.5	3.5	4.5	6.5	23.5			0		7	3.4	11.7
		18.9		10.5												13.4
		17.0		10.4												