

Table 1. Performance of parental lines (September, 2001 to February, 2002) and breeding lines which were selected.

Line and origin ¹	DSI 30 ²	DSI 60 ²	Av. weight/ fruit (gr)	Av. yield/ plant (gr)	Selected line
FAVI-9 (HUJI)					
F6-2522-1	1.45	1.68	36	235	Gh1
F6-2522-2	1.08	1.48	39	499	Gh5
F6-5211-1	1.67	2.17	24	130	
F6-5211-2	2.70	3.00	21	50	
F6-2312-1	1.22	1.97	93	293	
F6-2312-2	1.45	2.29	40	330	
F6-4111-1	1.49	1.98	61	868	Gh4
F6-4111-2	2.85	1.80	35	272	
F6-5222-1	1.15	1.57	27	116	
F6-5222-2	1.24	1.82	33	119	
F6-2211-1	1.23	1.38	61	868	Gh3, Gh13
F6-2211-2	1.60	1.92	56	463	
FAVI-12 (HUJI)					
F1-2112-1	1.67	2.14	45	395	Gh2
F1-2112-2	1.36	2.00	36	420	
FAVI-13 (HUJI)					
F2-211-1	1.80	2.63	62	291	
F2-211-1	1.89	2.50	0	0	
TY-198 (Volcani)					
L1-111-1	1.35	2.29	25	254	Gper11
L1-111-2	1.39	2.39	28	264	
L1-112-1	1.61	2.18	35	690	
L1-112-2	1.51		32	410	
TY-197 (Volcani)					
L2-221-1	1.25	3.00	42	1,020	Gper12, Gper19
L2-221-2	2.09	2.25	32	418	

Fla 496-11	1.49	1.70	72	995	Gc7, Gc14
Fla 476-19	-	-	-	-	
Fla 595-2	1.69	2.24	52	639	Gc9
Fla 612-Y2	1.80	2.54	26	300	
Fla 619-2	1.65	2.07	56	498	
Fla 653-3	1.16	2.30	49	622	
Fla 658-2BK	1.14	1.74	49	1,010	Gc8, Gc16

¹Hebrew University of Jerusalem, Israel (HUJI); The Volcani Center, Israel (Volcani); Institut Nationale de la Recherche Agronomique, Francia (INRA); Instituto de Investigaciones Horticolas "Liliana Dimitrova", Cuba (IIHLD); University of Florida (Florida). Elios is a commercial Irbid from Peto Seed Co.

²Disease severity index on a scale of 0-4, at 30 and 60 days alter transplant. A score lower that 2 is considered indicative of resistance