

NC-140 Peach Rootstock Trial
Progress Report, 1990

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Yield in 1990 was similar to 1989 but fruit size was considerably larger. Nemaguard had the largest fruit size of any of the rootstocks, just as it has in the previous 4 years. Own-rooted cuttings of Redhaven had the largest yield with fruit size only slightly smaller than Nemaguard. The fruit was also advanced in maturity. The own-rooted trees continue to look healthy and productive.

The dwarfing rootstocks are not looking at all promising. Citation, Damas 1869 and GF 655-2 all had small fruit size and low yields. Five of the original 11 Citation trees have died and the remaining trees have been losing scaffolds to sunburn and borers. One of the GF 655-2 trees died in 1990.

NC-140 Peach Rootstocks
Yield Summary
California

	<u>Yield Kg./Tree</u>					<u>Mean Fruit Wt. (g)</u>					<u>% Harvested in first pick</u>	
	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1989</u>	<u>1990</u>
Own	25.9	63.0	58.6	105.0	98.3	139	145	186	140	172	22	41
Halford	25.8	63.4	52.4	98.3	95.1	126	143	181	137	167	14	31
Siberian C	24.6	57.9	56.3	85.7	77.4	148	141	178	127	174	24	55
Bailey	26.9	57.2	43.0	80.6	73.3	137	139	190	136	167	14	36
GF-667	22.7	63.3	58.0	104.3	85.2	122	142	185	127	166	8	31
GF-655-2	8.3	9.4	11.0	14.3	15.7	128	120	128	110	130	20	23
Damas 1869	19.9	30.2	27.7	41.4	41.6	137	124	162	104	137	21	30
Lovell	19.6	56.4	54.3	101.1	81.5	147	155	185	141	171	6	19
Citation	4.8	8.0	7.8	12.0	11.6	155	148	98	128	138	34	37
Nemaguard	15.2	59.2	54.4	98.3	80.4	163	158	192	144	181	9	15