

Kim Bowman. USDA, ARS, USHRL. 2018 trial summary.

USDA Cooperative Valencia rootstock trial with Larry Black. Polk County.
Canopy health: 5 = thick, green canopy; 1 = very thin and/or yellow canopy.

Rootstock	2018 Tree survival (%)	2018 Yield per tree (lbs)	2018 Tree height (ft)	2018 Canopy health	2018 Yield efficiency (kg/m ³)
US-2122	100	56 a	5.5	3.9	21
US-942	100	49 ab	5.9	4.2	16
US-2121	100	46 a-c	5.6	4.3	17
Sour orange	100	45 a-c	5.3	3.1	20
US-896	100	44 a-d	5.7	4.5	15
US-812	100	44 a-d	5.7	4.3	15
US-2134	100	43 a-d	5.9	3.9	13
X639	100	41 b-d	6.2	4.2	11
US-897	100	40 b-d	5.3	4.4	17
US-2141	100	39 b-d	5.4	4.4	16
US-2127	100	38 b-e	5.5	3.5	15
US-802	100	37 b-f	6.0	3.9	11
Kuharske	100	37 b-f	5.7	4.2	13
US-2108	100	37 b-f	5.4	3.8	15
US-1130	100	37 b-f	4.6	3.8	24
US-2131	100	36 b-f	5.0	4.2	18
US-2125	100	36 c-f	5.2	3.5	16
Swingle	100	33 c-g	5.2	3.9	15
US-2124	100	31 d-g	5.3	3.7	14
US-937	100	25 e-h	4.7	4.1	16
US-2101	100	25 f-h	5.3	3.7	11
US-2401	100	23 gh	5.5	3.5	8
US-2126	76	14 hi	5.1	2.6	7
US-1103	100	8 i	3.9	2.3	10

Mean separations shown for significant ANOVA within the yield column were by Duncan's multiple range test at P<0.05

Bowman - Wheeler Valencia Trial – Polk County

<u>Rootstock</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>Total lbs/tree</u>
US-942	95	148	146	115	500
US-1516	71	132	119	143	465
US-896	79	141	134	97	452
US-1503	64	104	132	134	434
Swingle	60	104	110	123	397
US-802	60	130	104	95	388
Kuharske	71	99	104	93	366
US-812	77	104	77	97	357
Cleopatra	35	75	112	126	348
Kinkoji	42	86	84	75	287

Bowman - Barron Collier Valencia Trial

<u>Rootstock</u>	<u>2010</u>	<u>2012</u>	<u>2013</u>	<u>2016</u>	<u>Total lbs/tree</u>
US-802	182	151	222	210	765
US-942	130	152	181	154	616
Cleopatra	130	123	182	166	599
Carrizo	114	114	170	154	551
Swingle	128	124	138	155	544
US-812	143	92	146	143	523
US-897	93	56	112	71	332

Bowman/McCollum – Hammond
Ray Ruby rootstock trial, Indian River County
8 sampling times (Sept. May)

