

Central Ridge Multi-Sweet Orange Scion Rootstock Trial

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CREC Citrus Plant Improvement

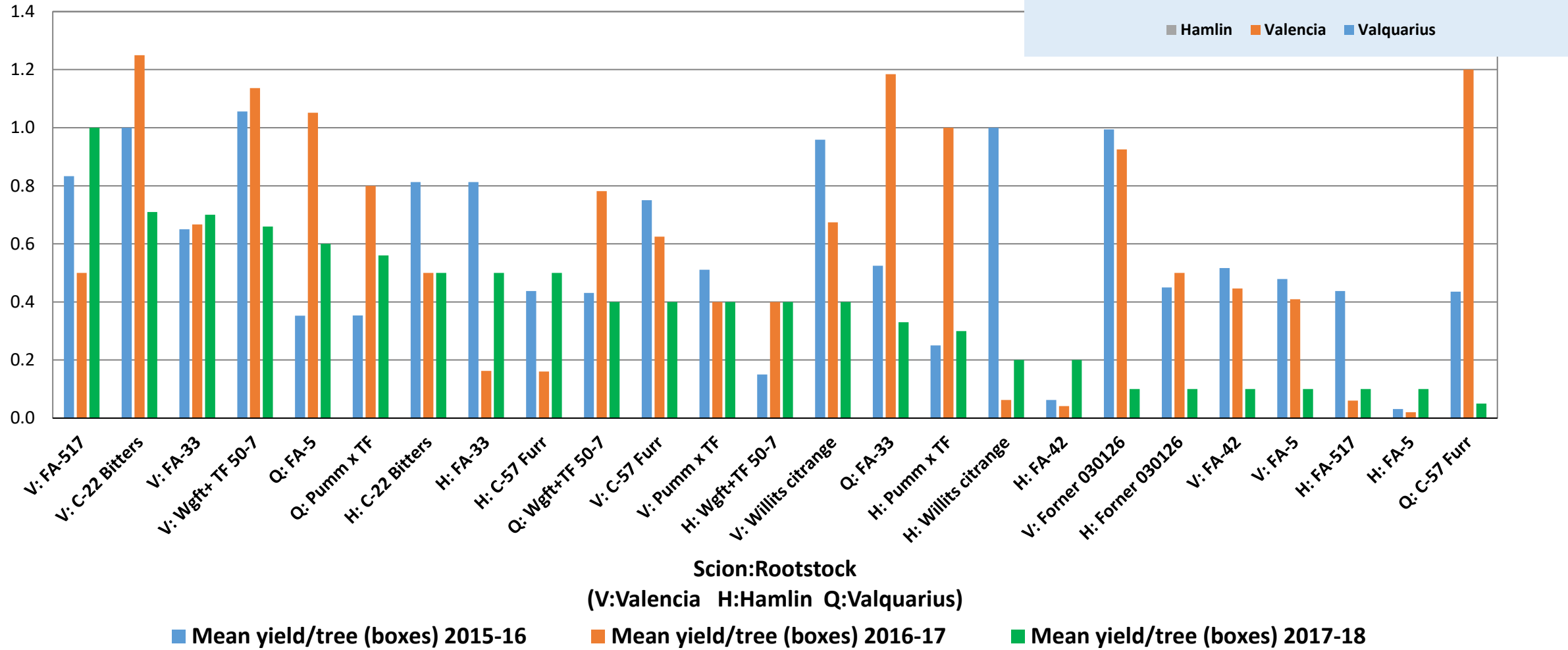
Central Ridge Multi-Sweet Orange Scion Rootstock Trial - Description

This replicated trial, planted in Dundee in 2013, consists of 'Hamlin,' 'Valquarius' and 'Valencia' on 11 rootstocks, including the best rootstocks from the Forner breeding program in Spain, C-series rootstocks from CA, and one tetraploid citrumelo from the UF/CREC breeding program. The goal is to identify superior sweet orange/rootstock combinations for the Ridge based on yield, juice quality and apparent HLB tolerance.

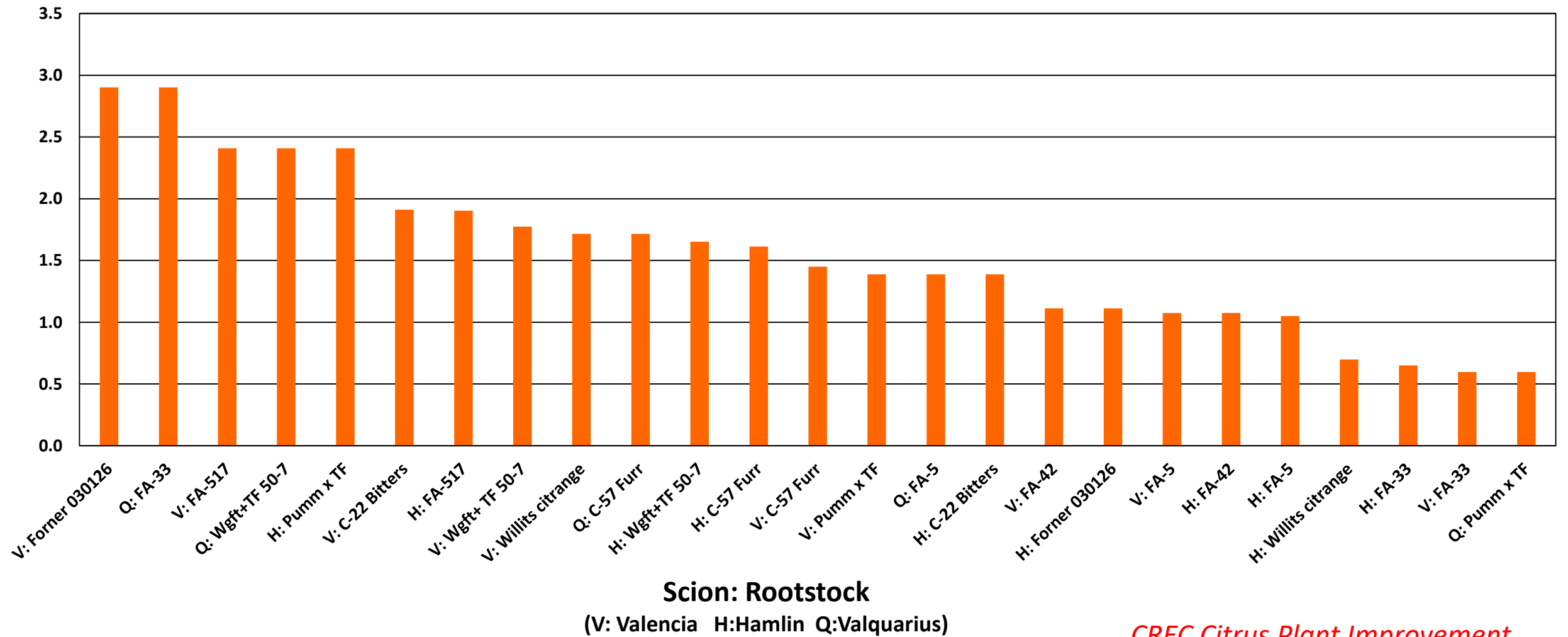
Central Ridge Multi-Sweet Orange Scion Rootstock Trial

- Location: Dundee
- Scion - Rootstocks: Valquarius – Hamlin – Valencia on 11 rootstocks
- Date planted: June 2013
- Design: RCBD – 3 replications
 - Plot: 4-20 trees
 - Spacing: 12 x 22 ft.
- Data collected:
 - Yield: 2015-16; 2016-17; 2017-18
 - HLB ratings 2016-17
 - Tree Size and Tree Health Rating (data not presented)
 - Juice data 2017-18

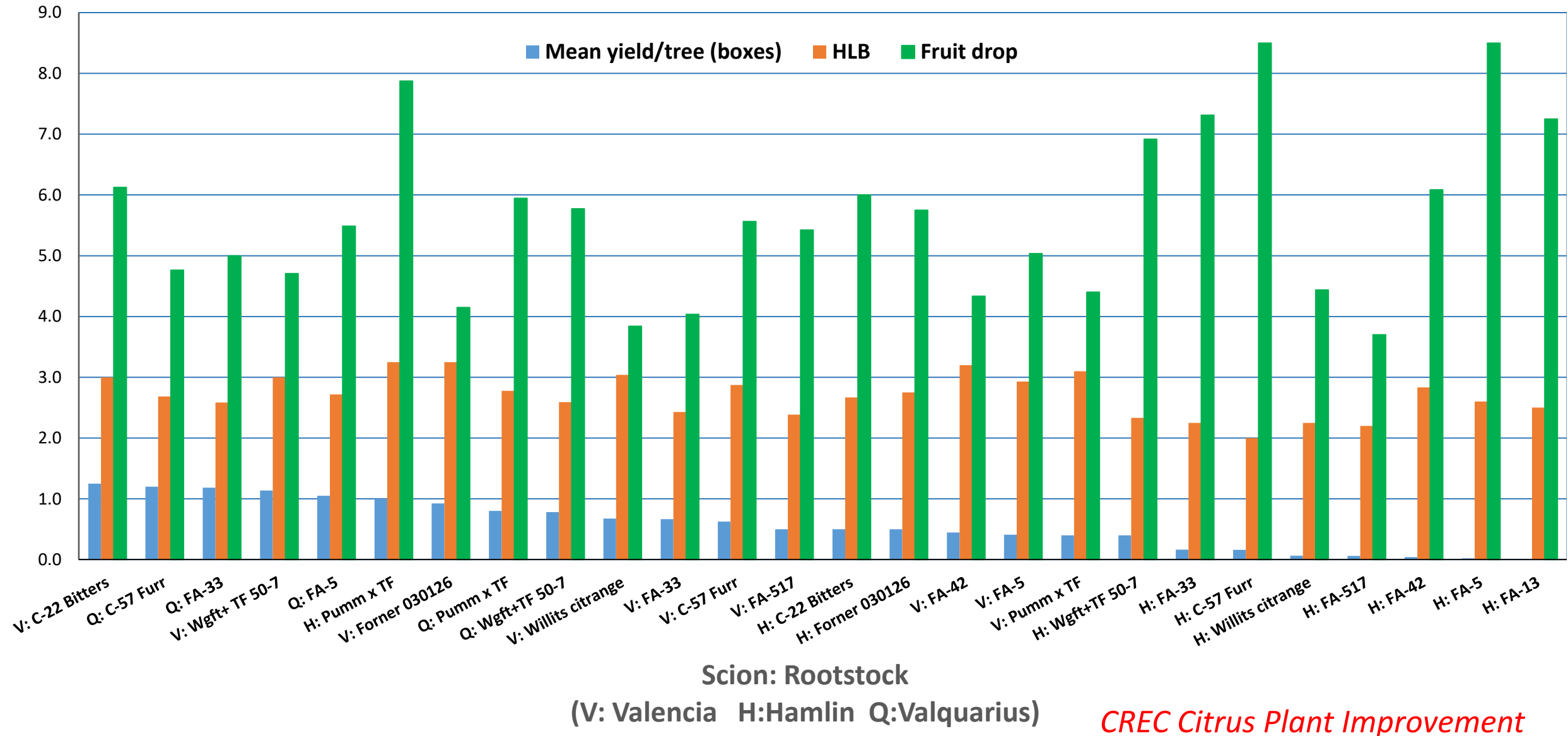
Multi-Scion Rootstock Trial –Yield/tree [boxes] 2015-16, 2016-17 & 2017-18



Central Ridge Multi-Sweet Orange Scion Rootstock Trial – Cumulative 3-yr yield/tree [boxes/tree]: 2015-16, 2016-17 & 2017-18



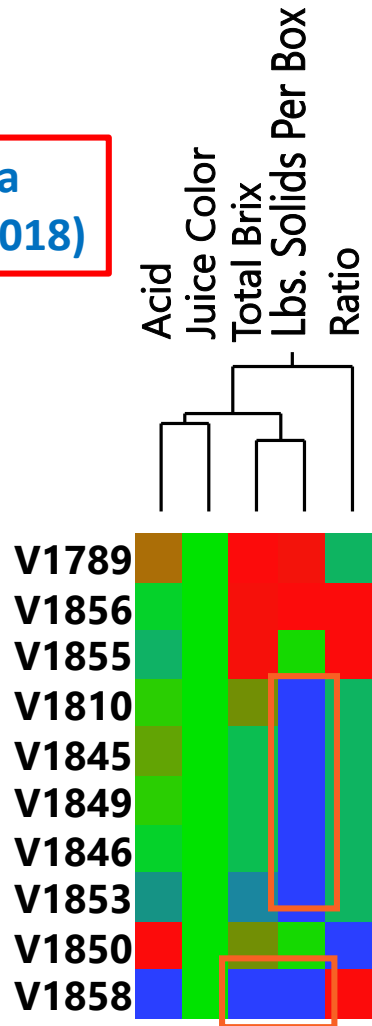
2016-17 Central Ridge Multi-Sweet Orange Scion Rootstock Trial – Yield [boxes/tree], HLB and Fruit Drop Rating



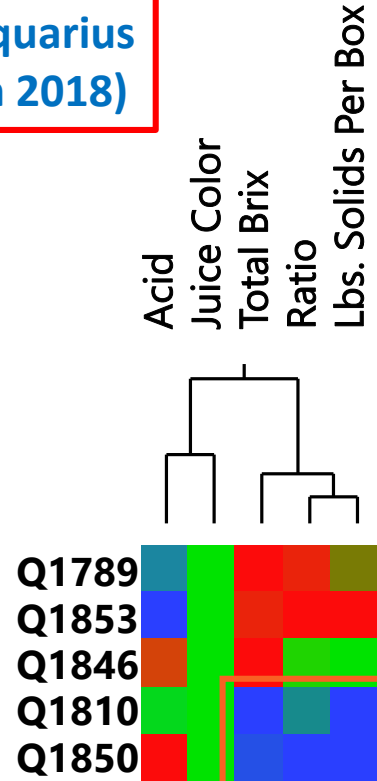
2017-18 Central Ridge Multi-Sweet Orange Scion Rootstock Trial – Heat Map Juice data

Data collected from 4-year old trees

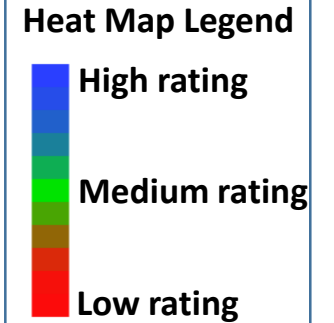
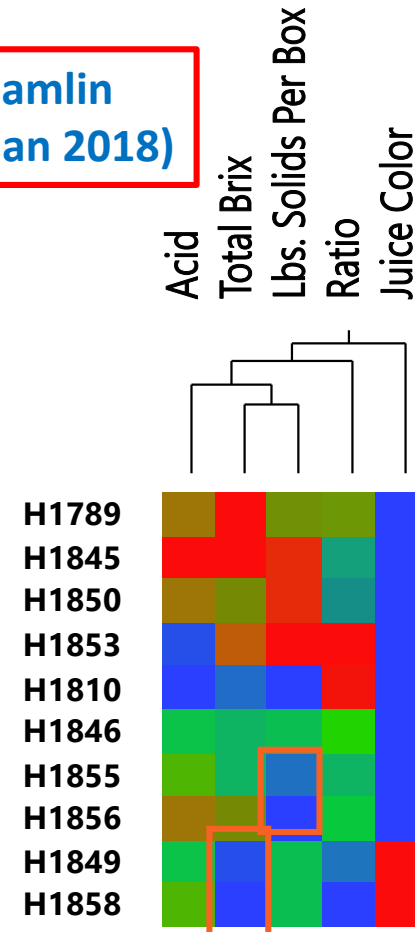
**Valencia
(April 2018)**



**Valquarius
(Jan 2018)**



**Hamlin
(Jan 2018)**



1789	Crocker pummelo x TF	
1810	WGFT + 50-7	
1845	C-22: Bitters	
1846	C-57: Furr	
1849	Willits citrange	
1850	FA (02033) Troy. x TF x Cleo	
1853	Forner (03015) Cleo x TF (FA-5)	
1854	Forner (030113) Cleo x TF (FA 13)	
1855	Forner (030126) Cleo x TF	
1856	Forner (030142) Cleo x TF (FA-42)	
1858	Forner (05017) Kiing mand. X TF (FA-517)	