

# *Lemon Rootstock Trials in Southern California*

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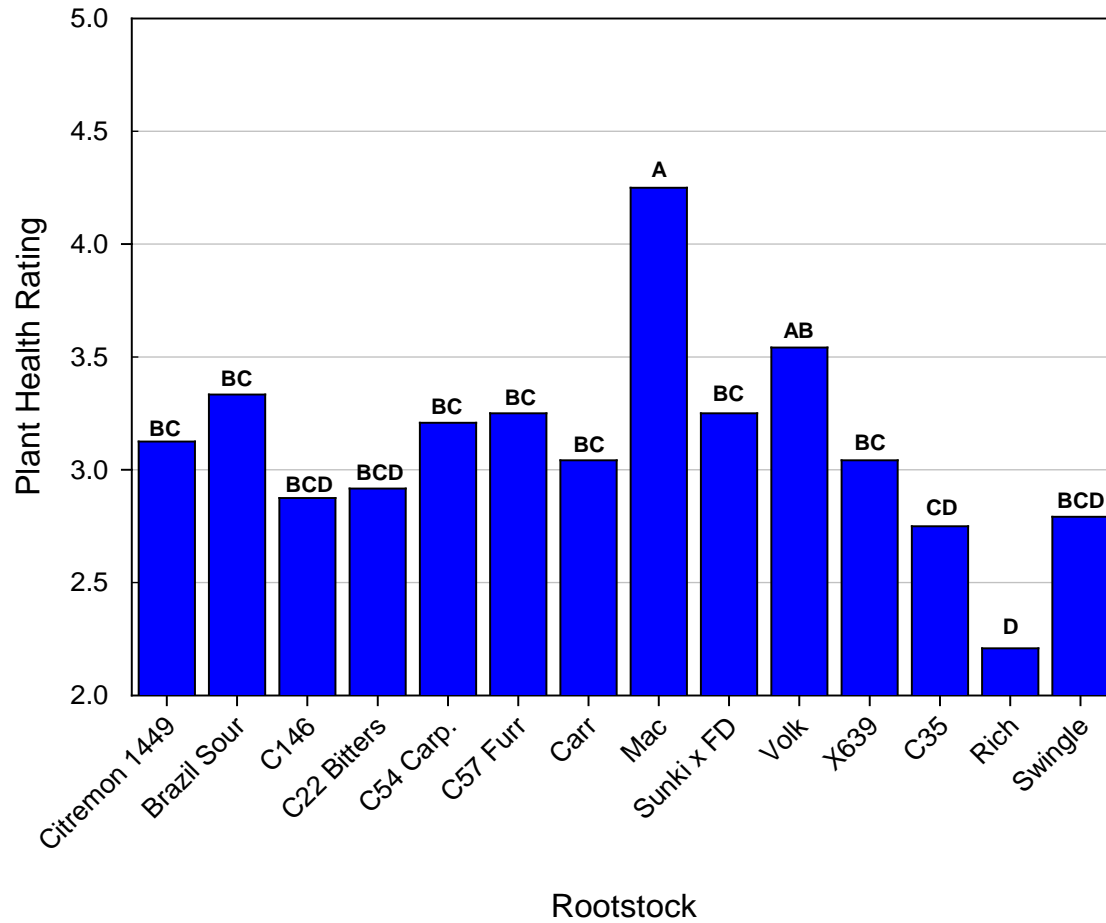


# Lemon Rootstock Trials

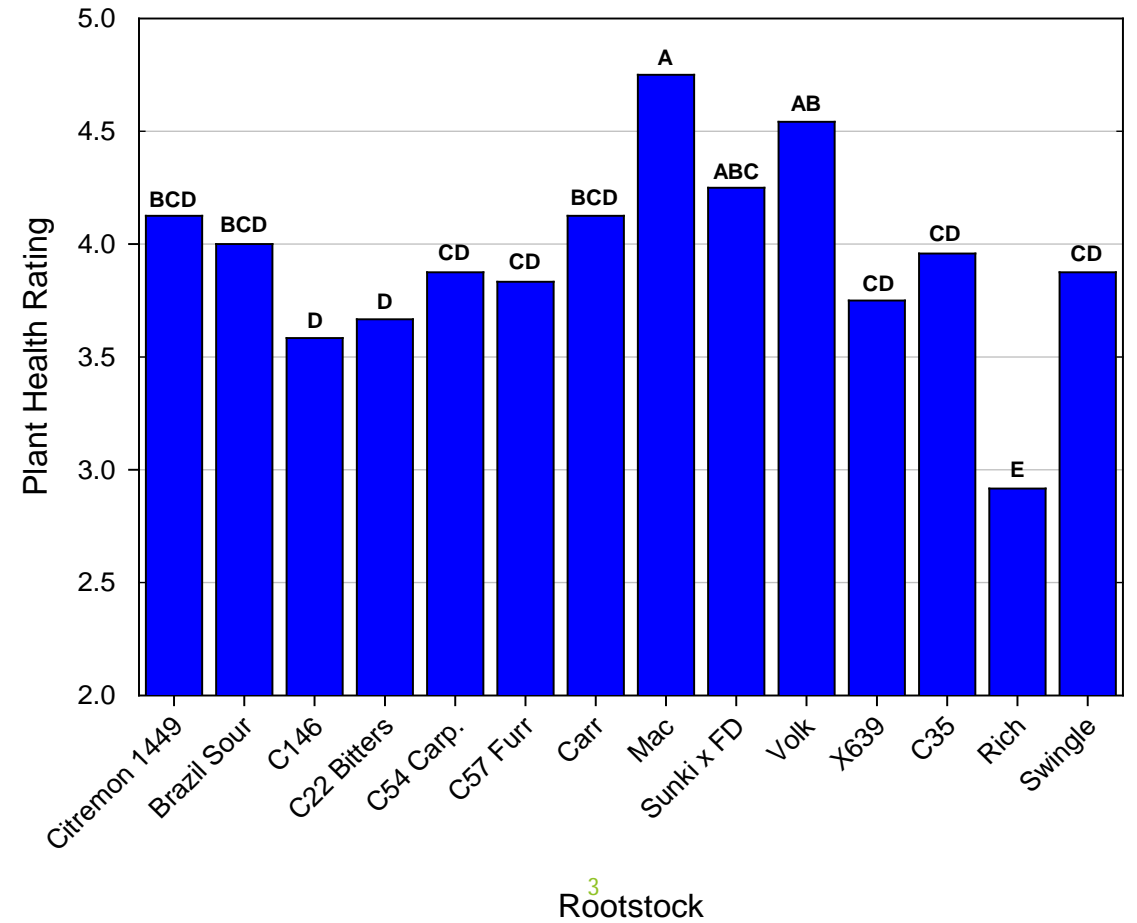
- ▶ Three locations:
  - ▶ Santa Paula (Limoneira Co.) - Orchard Farm Lower 40 block
  - ▶ Lindcove Research and Extension Center (LREC), Exeter, CA
  - ▶ Coachella Valley Agricultural Research Station (CVARS), Thermal, CA
- ▶ One Cultivar - Limoneira 8A Lisbon
- ▶ Fourteen Rootstocks in Santa Paula - Brazil Sour, C-146, C-35, C-22 (Bitters), C-54 (Carpenter), C-57 (Furr), Citremon 1449, Carrizo, Macrophylla, Rich 16-6, Sunki x Flying Dragon, Swingle, Volkameriana, X 639 Trifoliata.
- ▶ Rootstocks vary according to site - 11 only at Lindcove and CVARS
- ▶ Planted April and May 2016
- ▶ UCR and LREC are bedded while CVARS and Santa Paula are not.
- ▶ Santa Paula spacing is: 22 x 16 = 124 trees/acre

# Lemon Rootstock Trial Santa Paula - Plant Health 2018-19

2018 Plant Health Ratings - SP

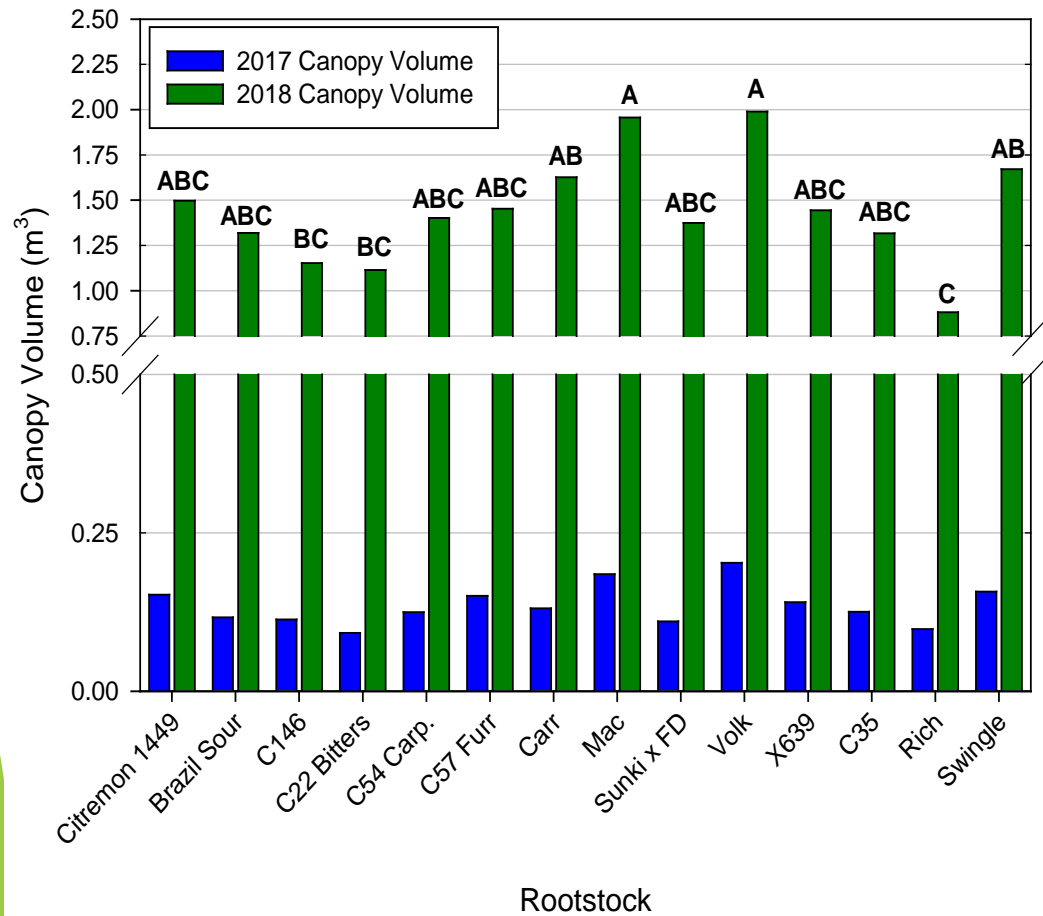


2019 Plant Health Ratings - SP

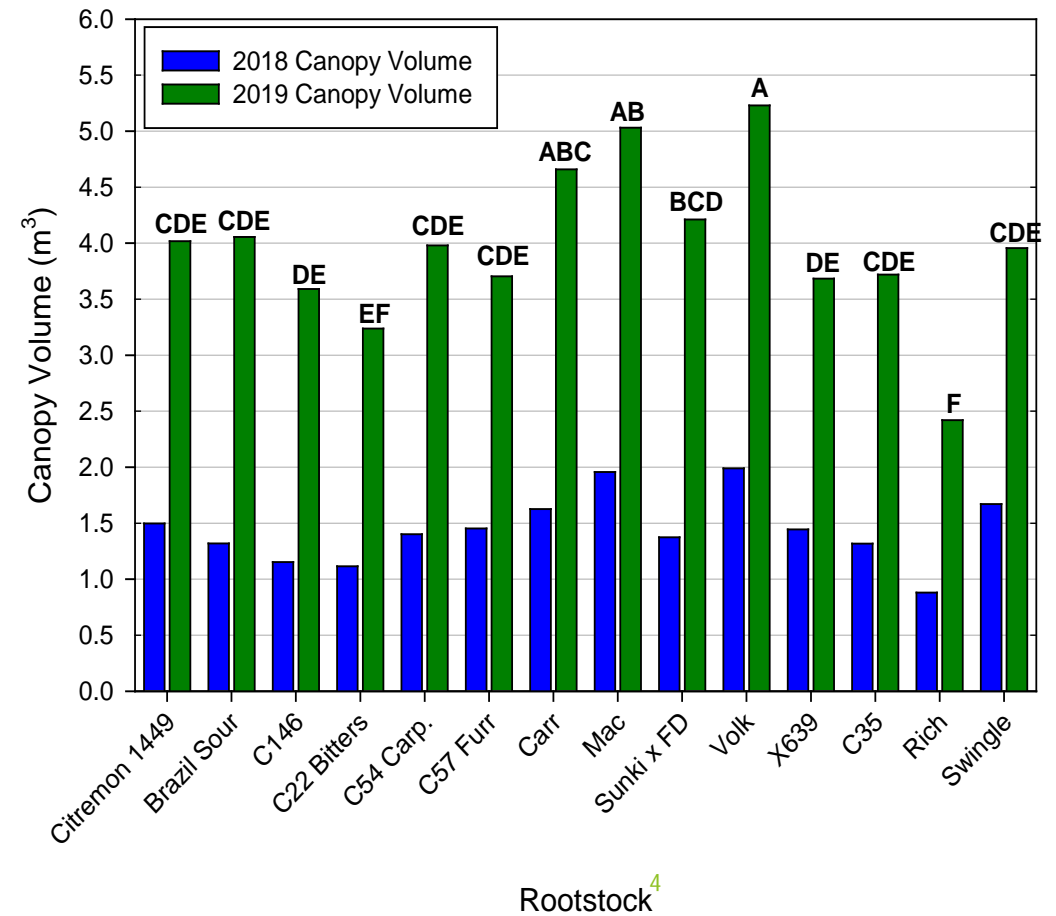


# Lemon Rootstock Trial Santa Paula - Canopy Volume 2017-19

2017 and 2018 Canopy Volume - SP



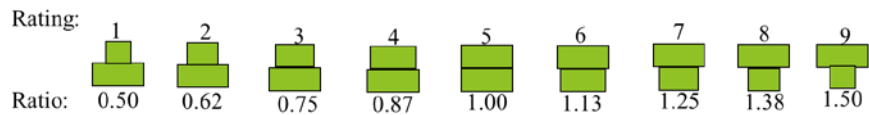
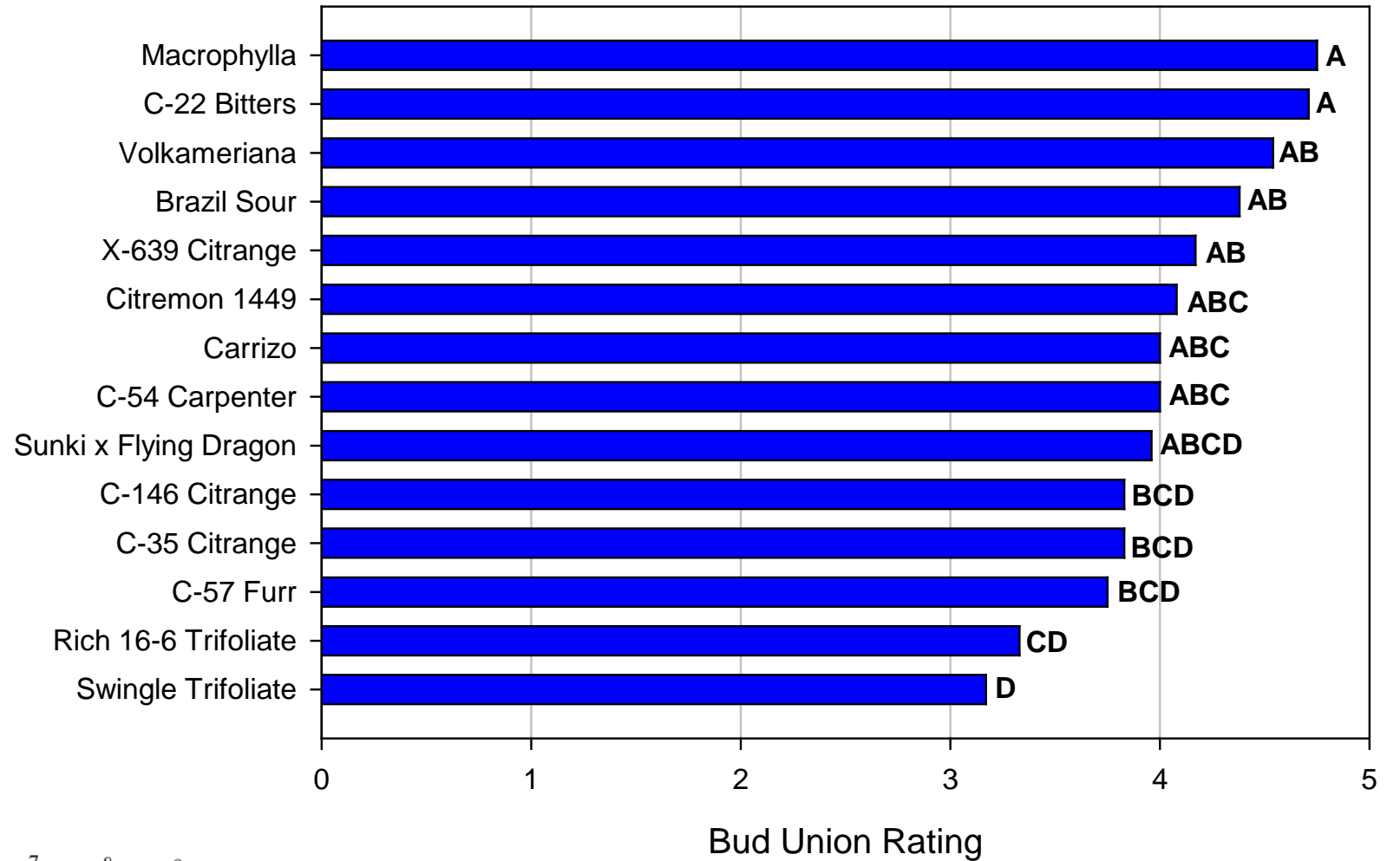
2018 and 2019 Canopy Volume - SP



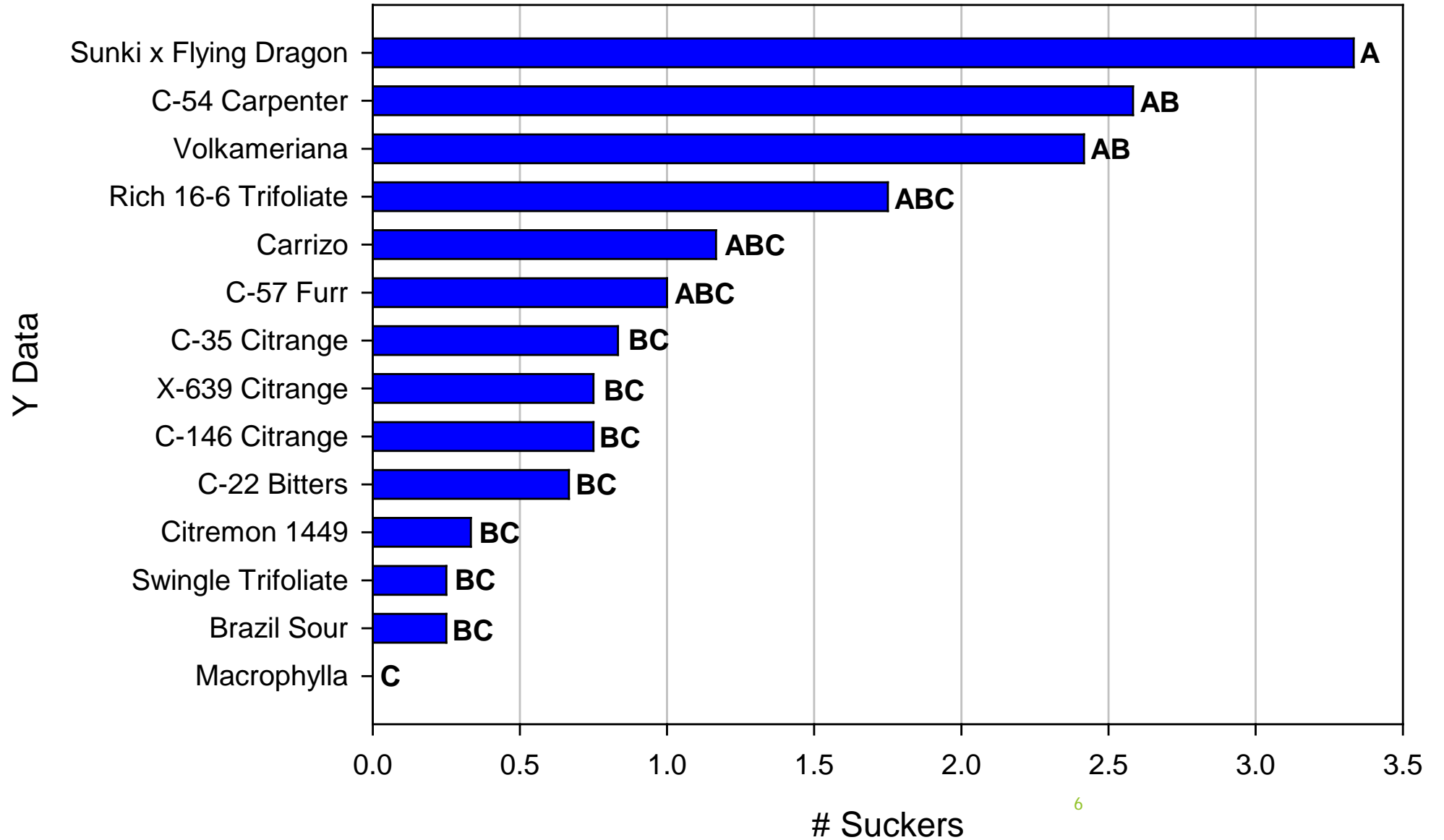
# 2019 Bud Union Ratings



## Bud Union Ratings 2019



# Suckering

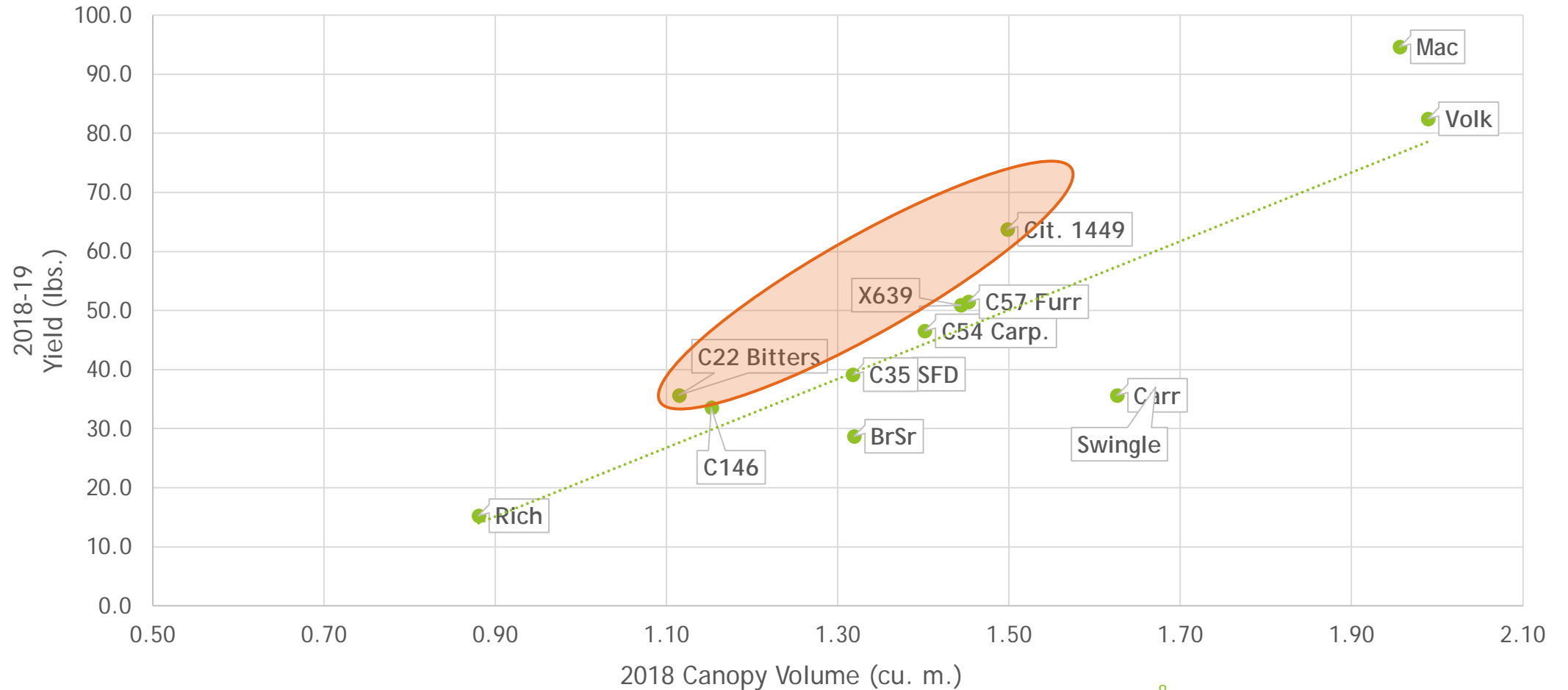


# Lemon Rootstock Trial Santa Paula - 2018-19 Yield

Santa Paula Lemon Rootstock Trial Yields 2018-19  
(Lbs. per tree)

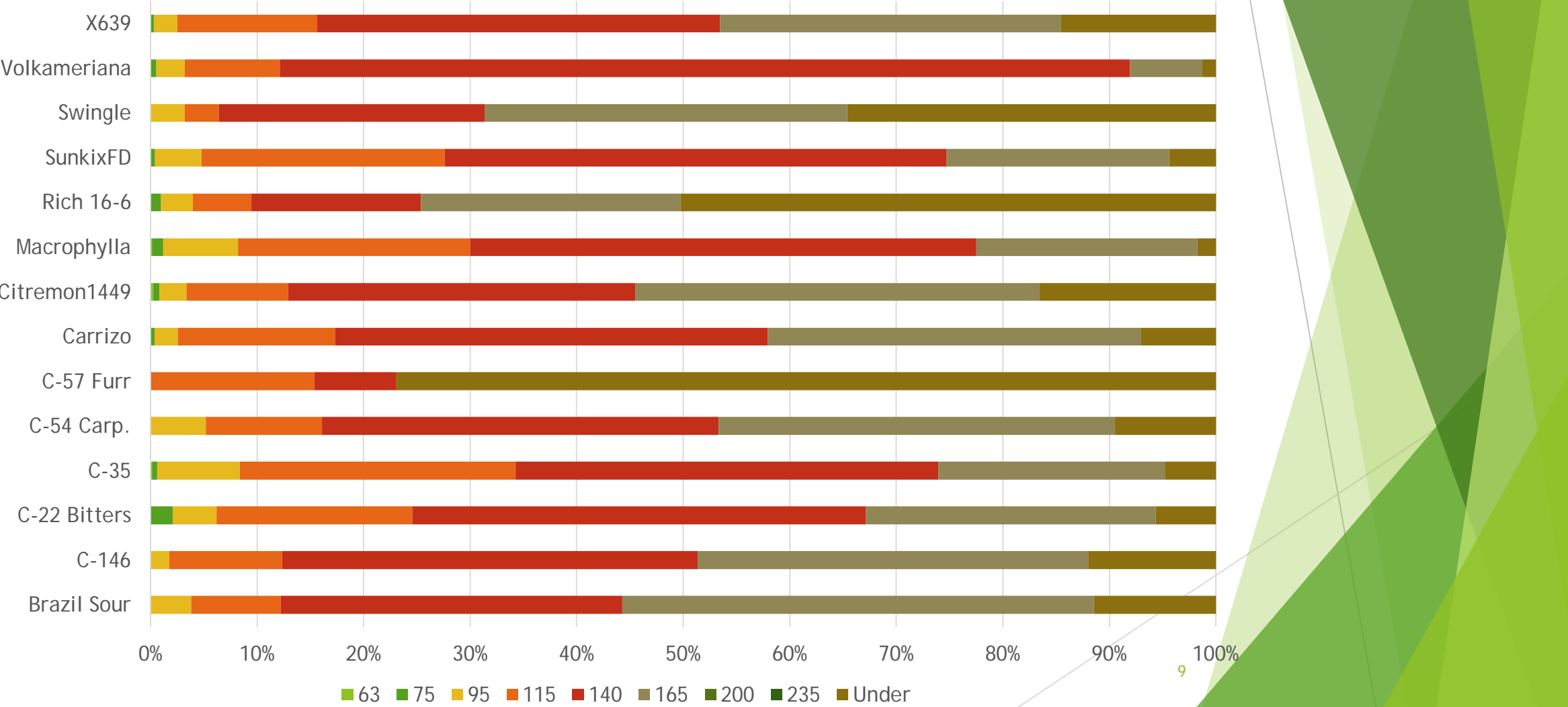


# SP Yield Efficiency (lbs. fruit per m<sup>3</sup> canopy)

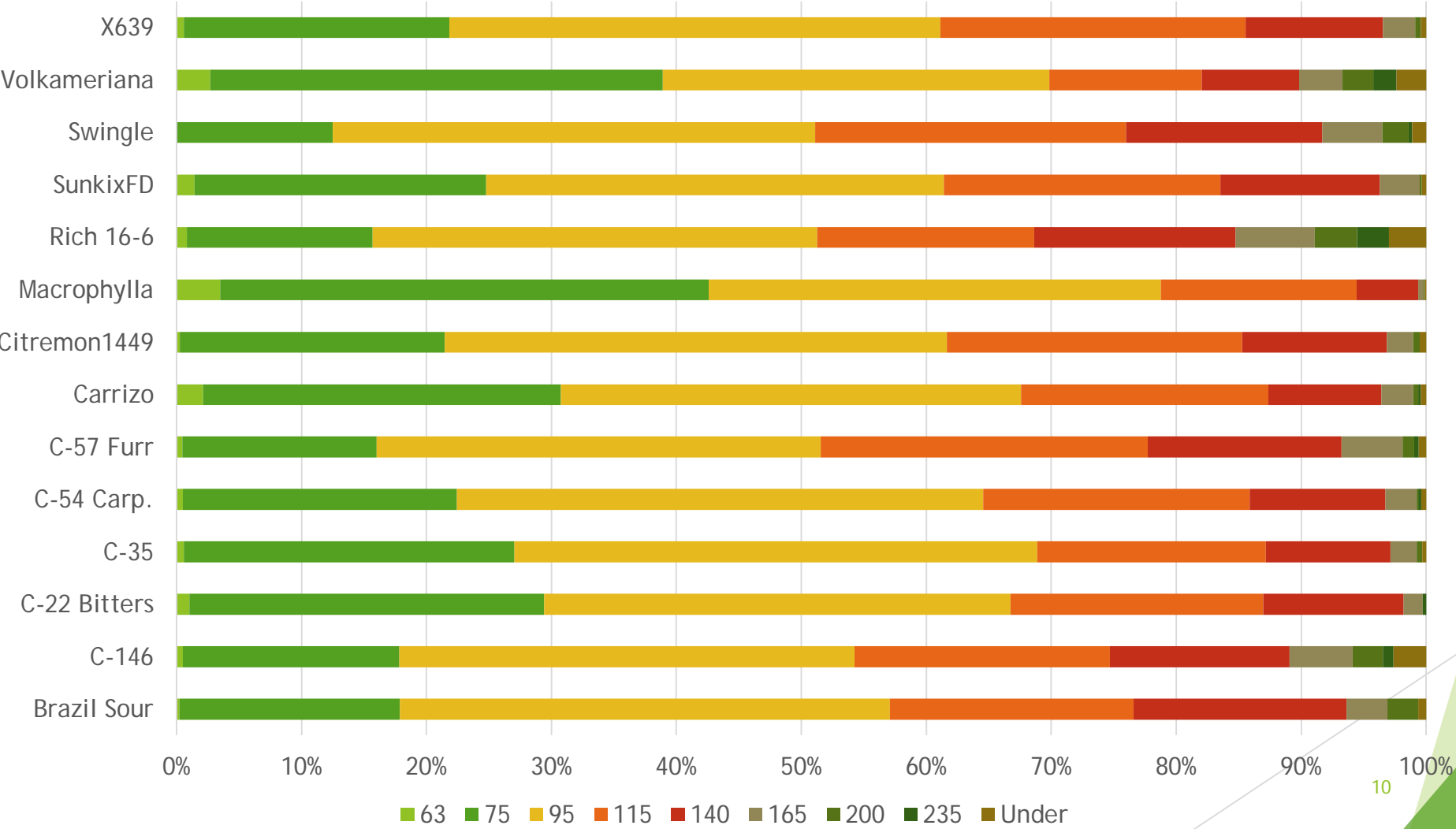




# Packout - 12-20-18 Harvest

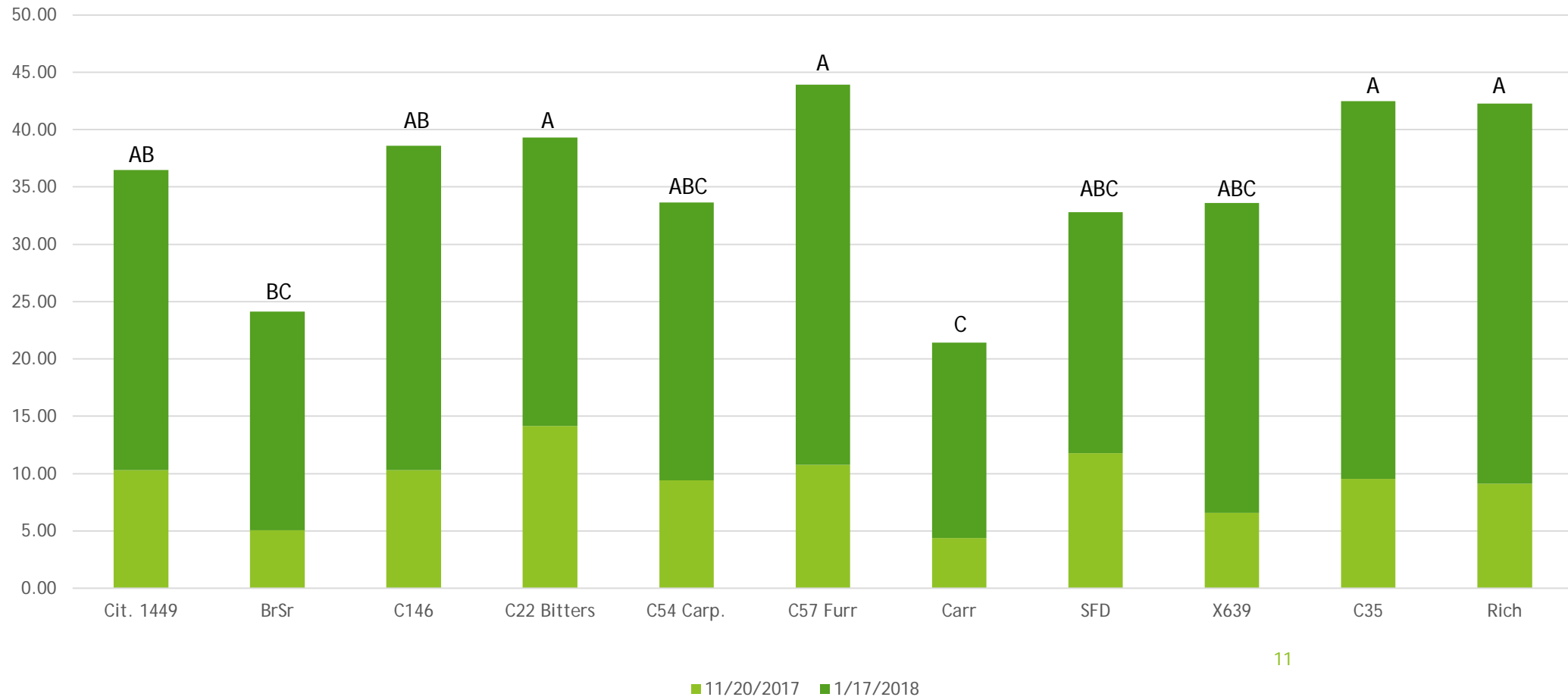


# Packout - 5-9-19 Harvest



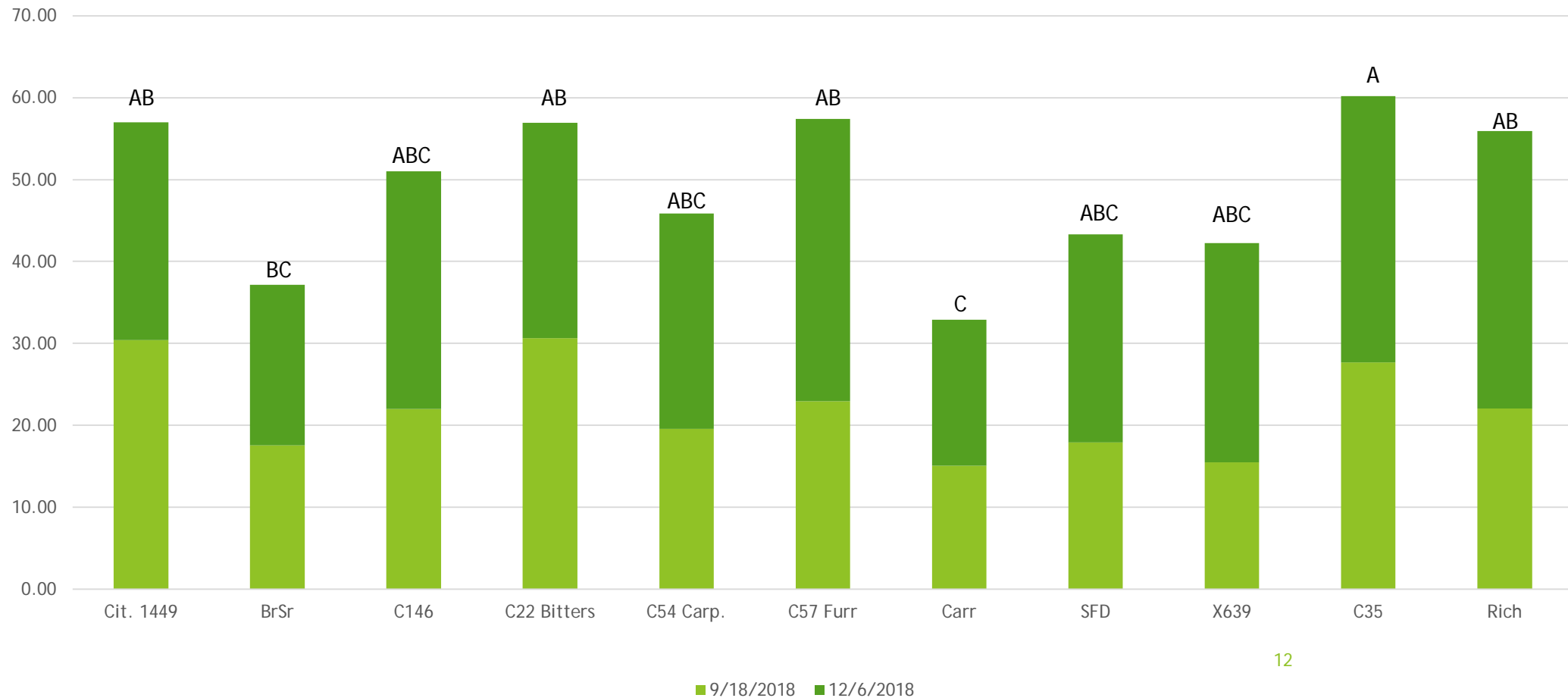
# Lemon Rootstock Trial LREC- 2017-18 Yield

Lindcove Lemon Rootstock Trial Yields 2017-18  
(Lbs. per tree)

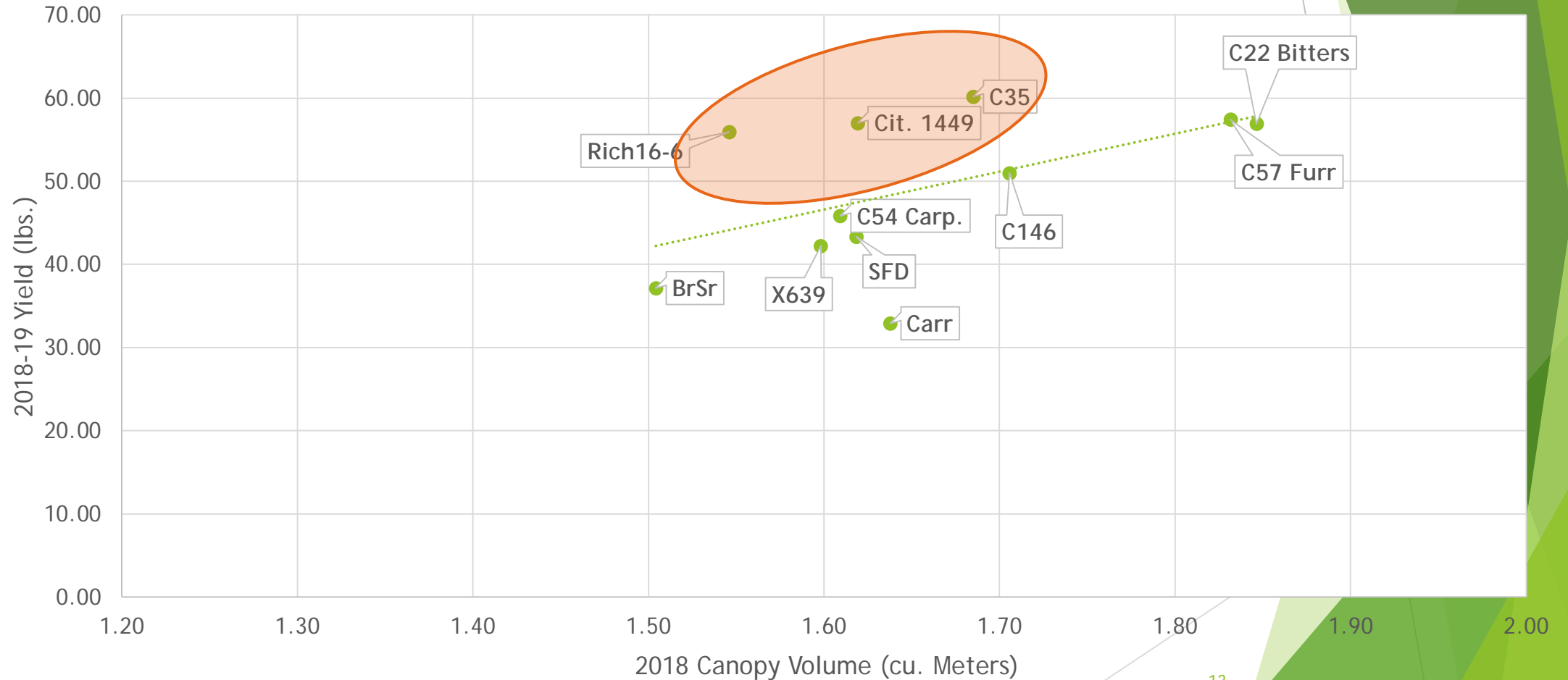


# Lemon Rootstock Trial LREC - 2018-19 Yield

Lindcove Lemon Rootstock Trial Yields 2018-19  
(Lbs. per tree)

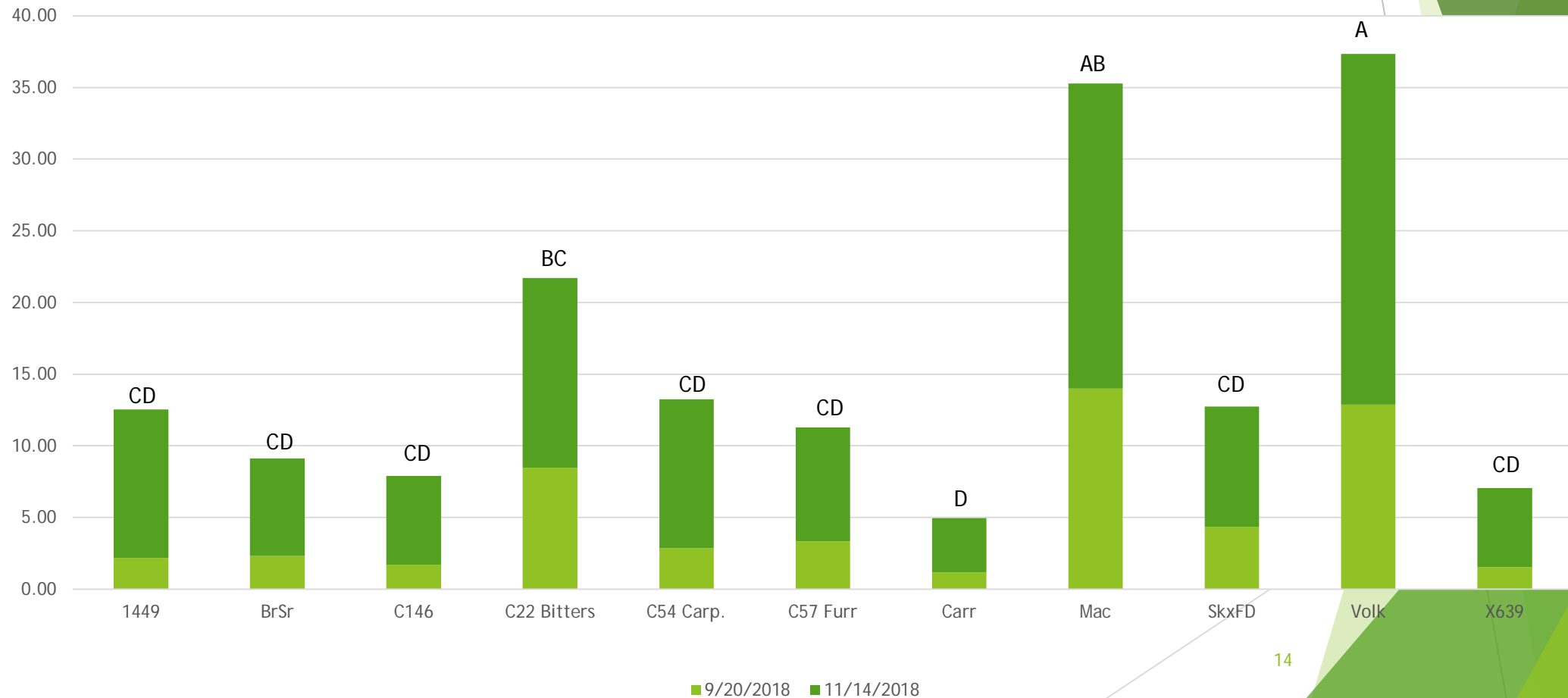


# LREC Yield Efficiency (lbs. fruit per m<sup>3</sup> Canopy)

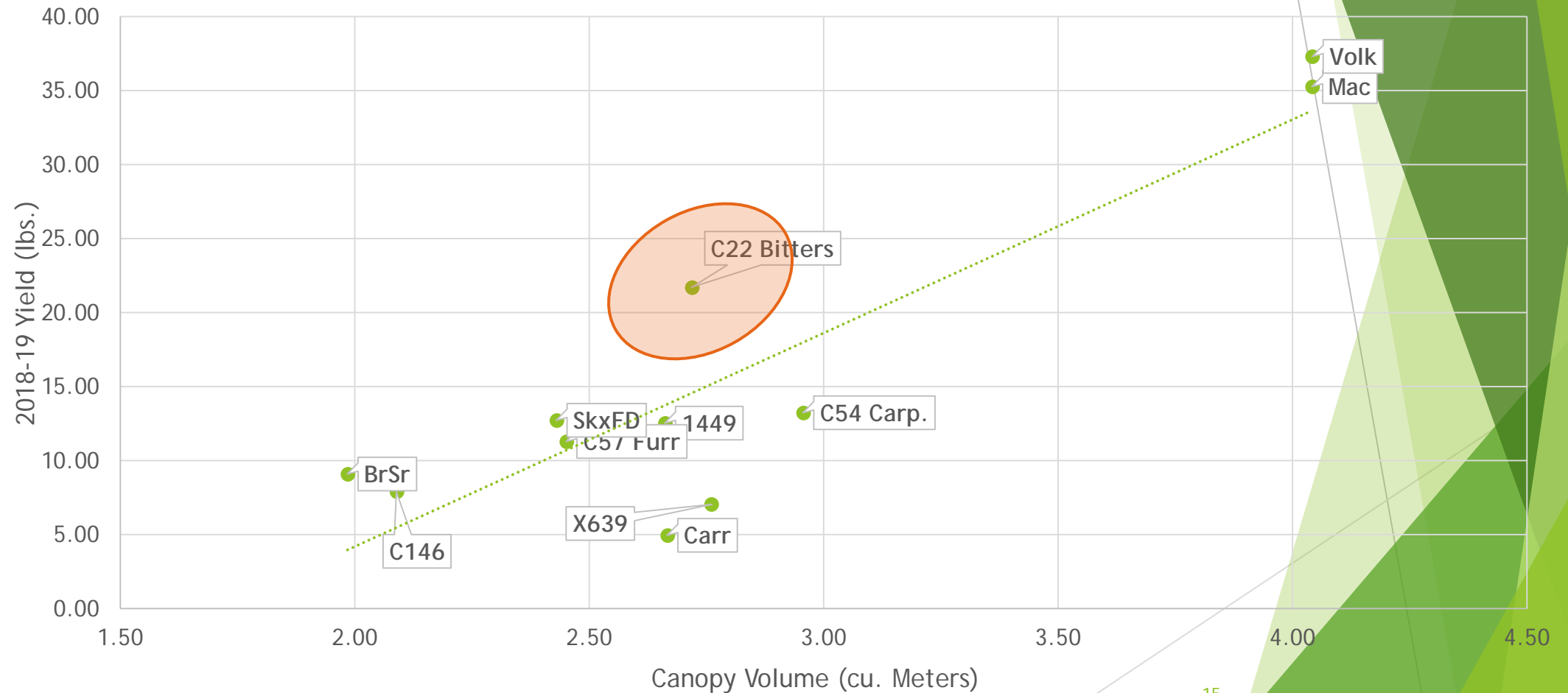


# Lemon Rootstock Trial CVARS - 2018-19 Yield

CVARS Lemon Rootstock Trial Yields 2018-19  
(Lbs. per tree)



# CVARS Yield Efficiency (lbs. fruit per m<sup>3</sup> Canopy)



# Acknowledgements

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Questions?

Thank you!