



UNIVERSITY OF GEORGIA  
EXTENSION

# 2022 Spring Watermelon Trials

Ted McAvoy

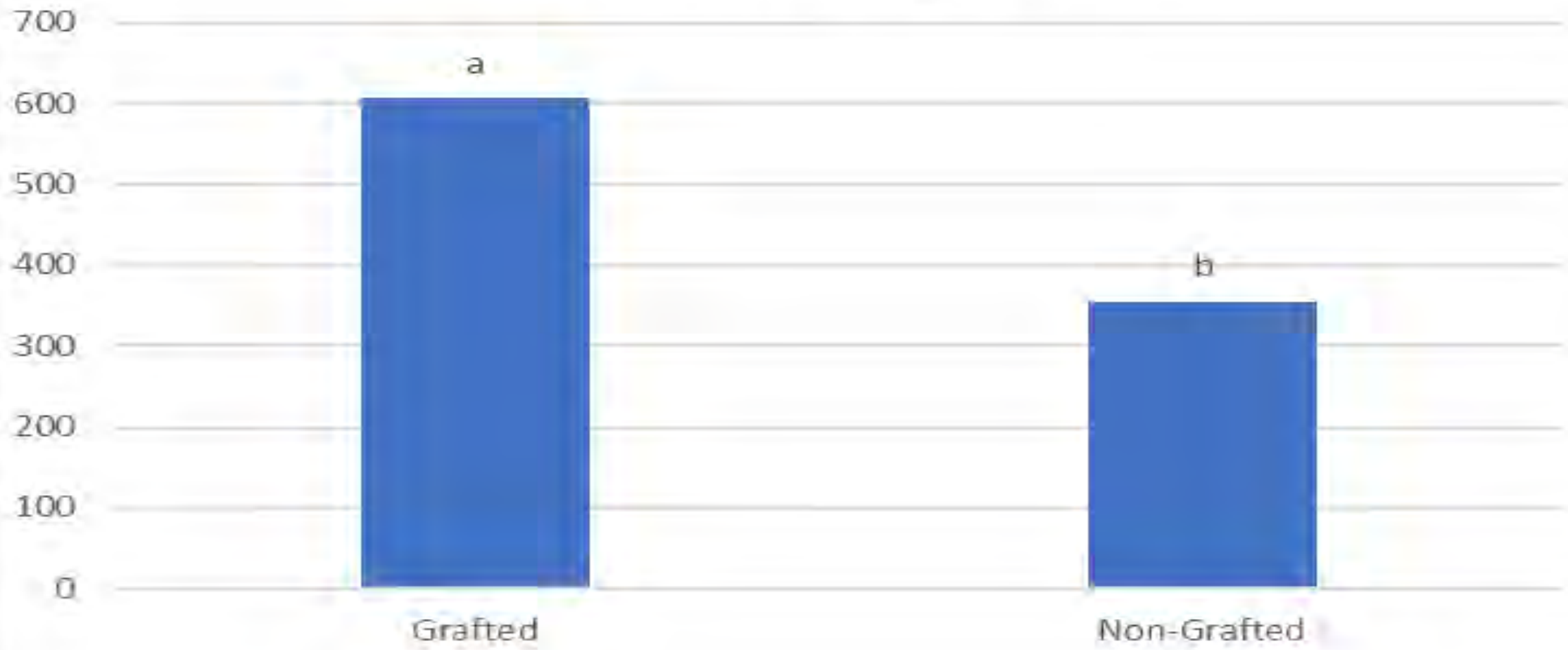
Vegetable Extension Specialist

University of Georgia, Tifton

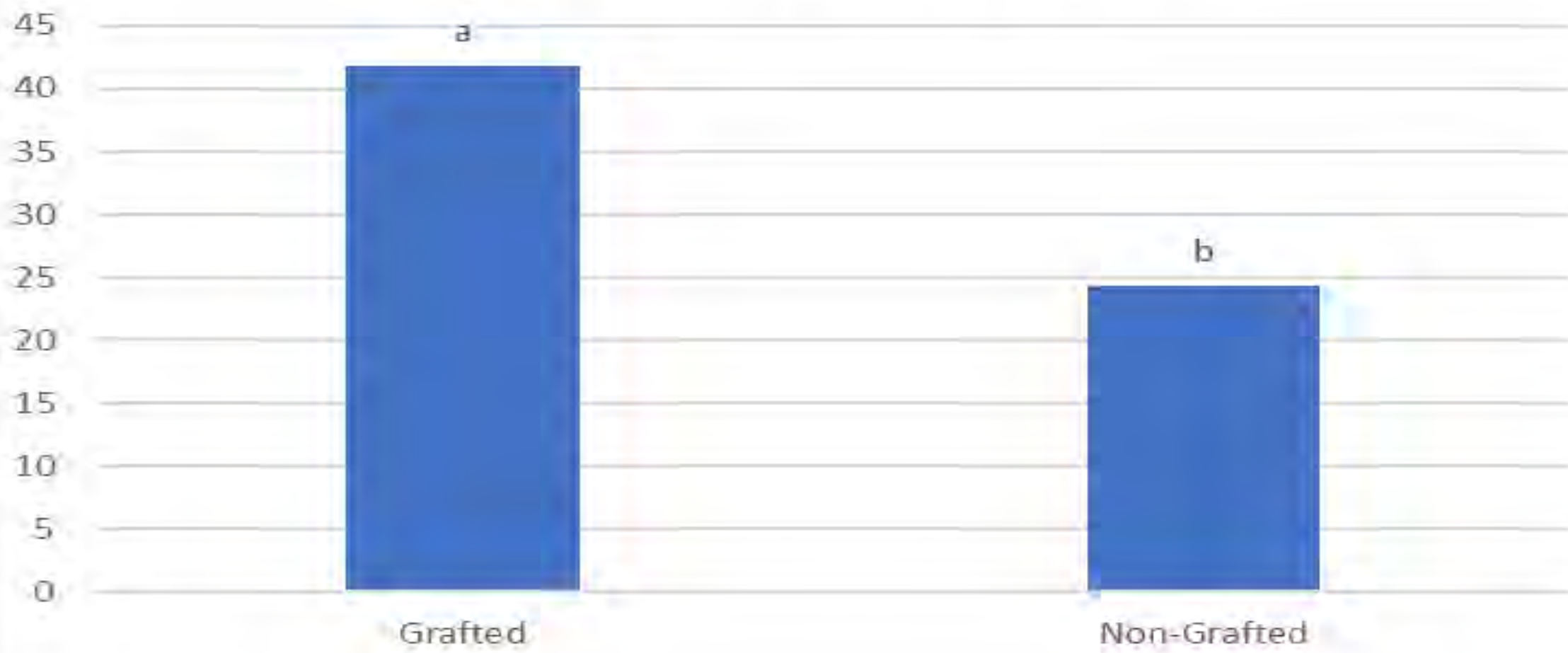
# Grafted Watermelon – Cordelle and Berrien



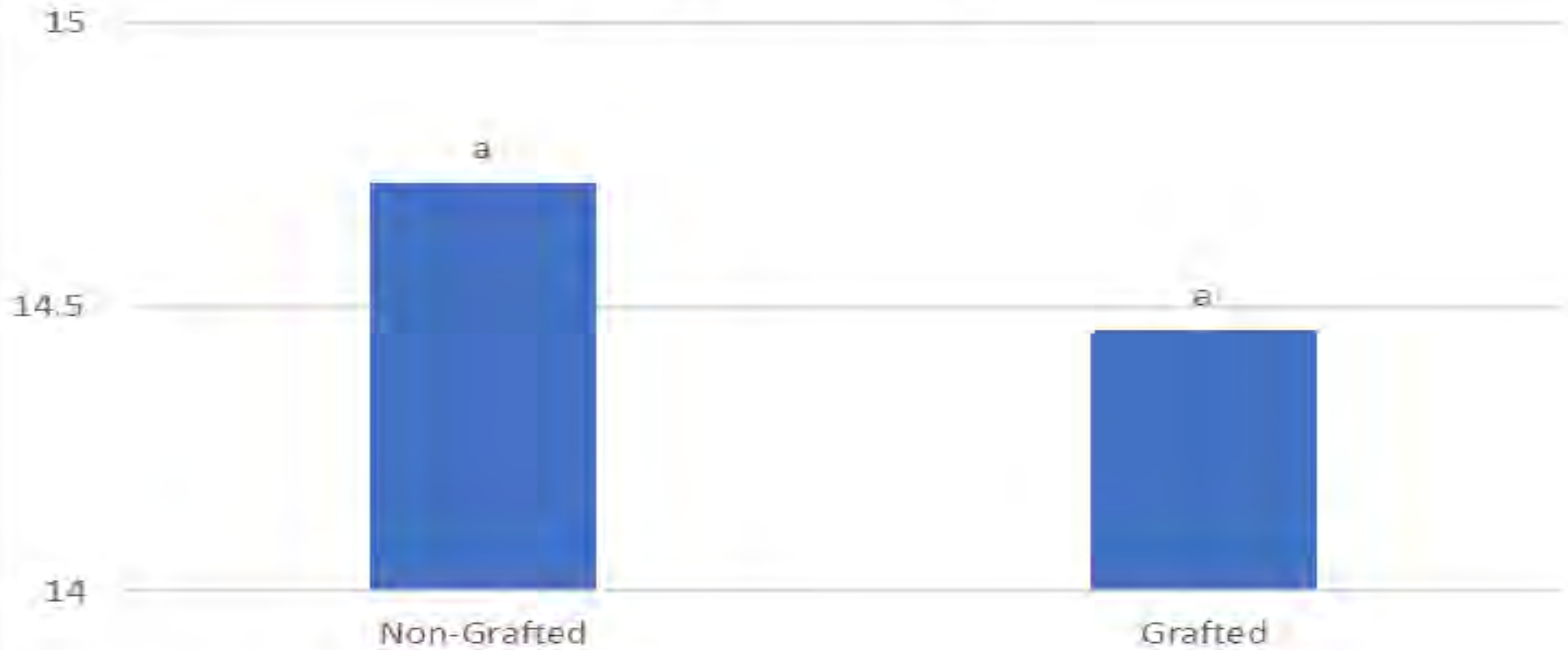
## Watermelon Weight/Plot



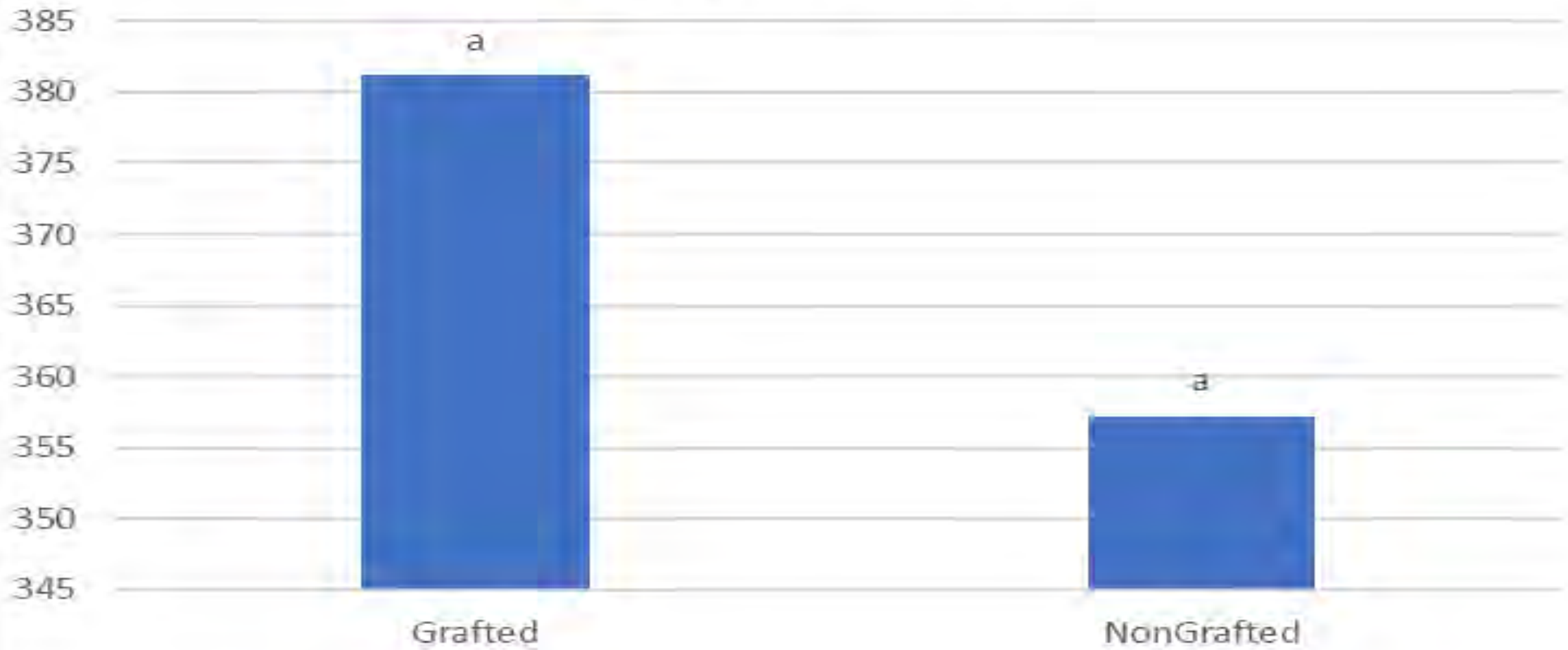
## Watermelon Counts/Plot



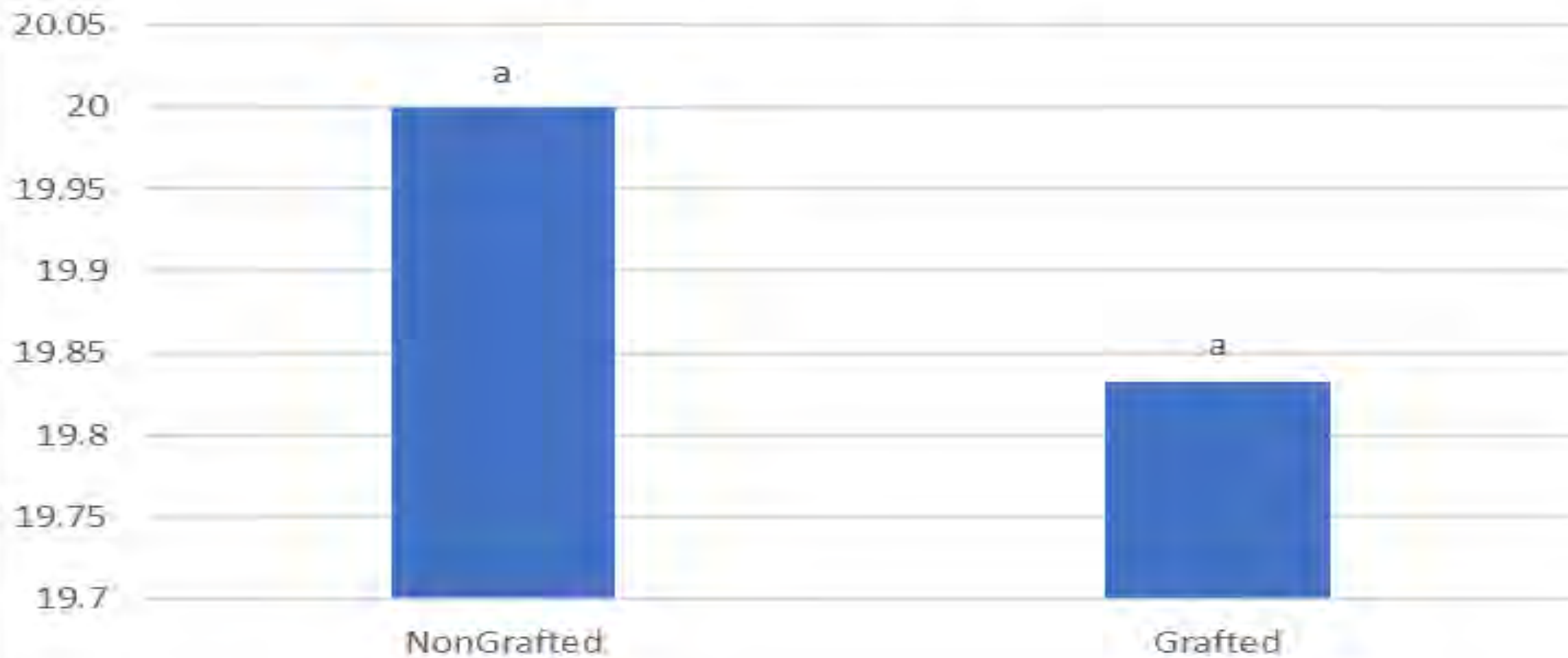
## Average Fruit Weight



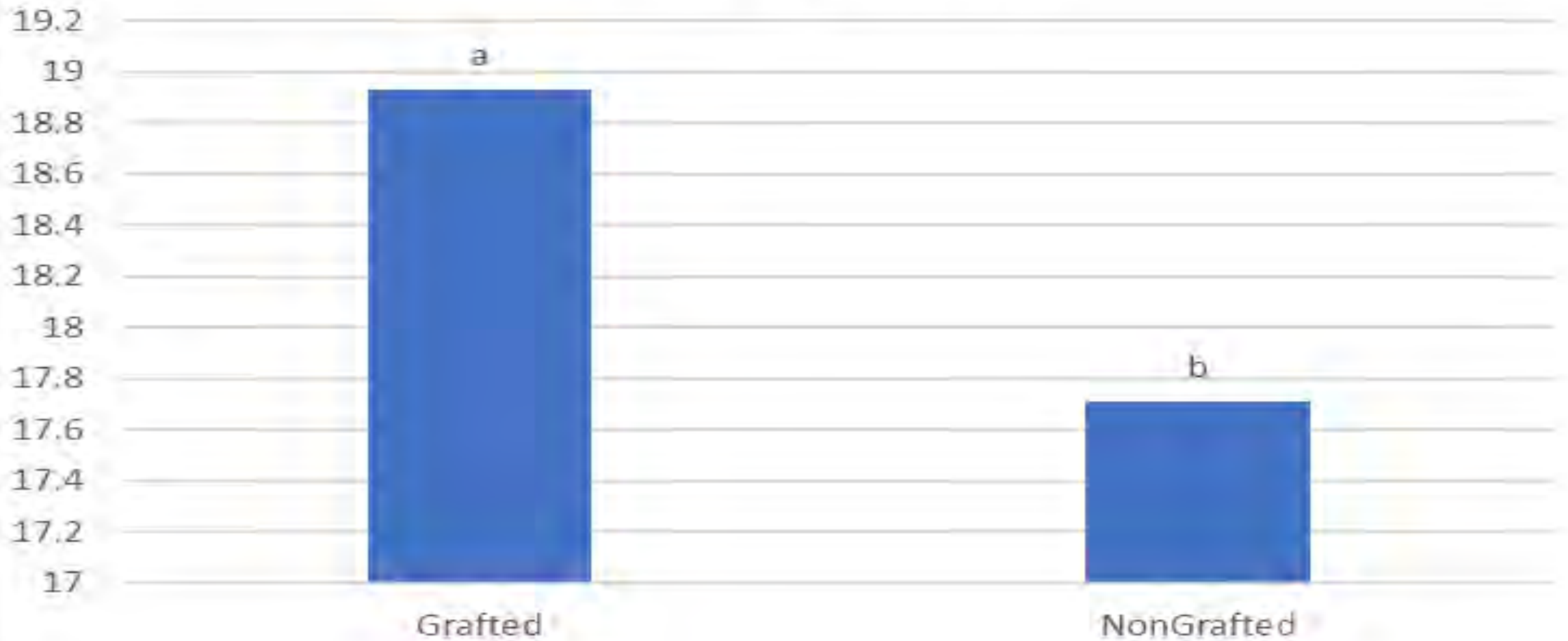
## Weight/Plot - Berrien



## Count/Plot - Berrien



## AveWt Fruit - Berrien





# Conclusions

## Heavy Fusarium Pressure

- Higher Fruit Number
- Higher Fruit Weight

## • Moderate Fusarium Pressure

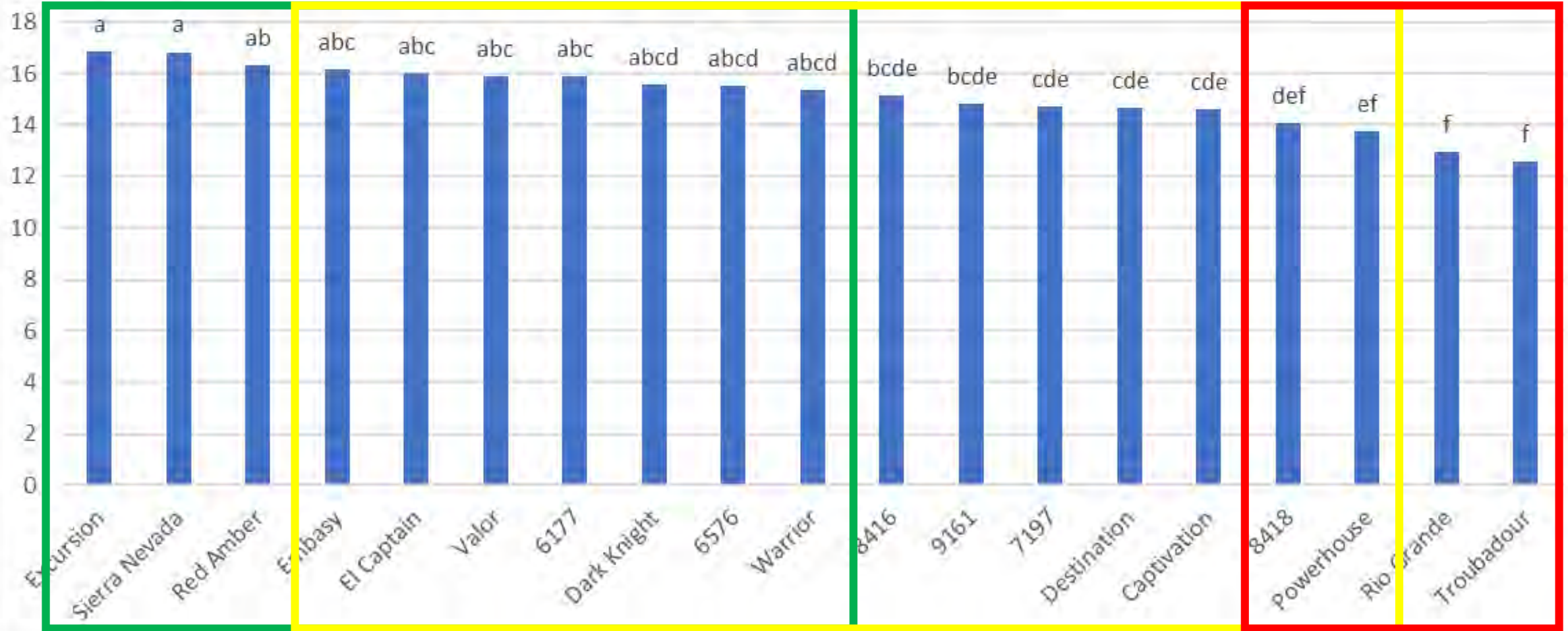
- Heavier Fruit Size

# Large Seedless Watermelon



Variety	Company	Resistance
Red Amber F1	Enza	Fon 0, 1; Co 1
Destination	Enza	Fon 1
Rio Grande	Enza	Fon 1
Troubadour	HM Clause	Co 1
Embassy F1	Nunhems	Fon 1; Co 1
Warrior	Nunhems	Fon 0,1
ACX6177TSS FR F1	Nunhems	Fon 1; Co 1
7197HQ F1	Nunhems	
El Capitan	Sakata	Fon 0, 1
9161 (Miramonte)	Sakata	Fon 1
Sierra Nevada	Sakata	Fon 0, 1
6576 (Jetski)	Seminis	Fon 1
Dark Knight	Syngenta	Fon 1; Co 1; Px 1
Powerhouse	Syngenta	Fon 1; Co 1; Px 1
8416 (Virtue)	Syngenta	Fon 1; Co 1; Px 1
Valor	Syngenta	Fon 1; Co 1
Excursion	Syngenta Standard	Fon 1; Co 1
Captivation	Syngenta Standard	Fon 1; Co 1
8418	Syngenta	Fon 1; Co 1; Px

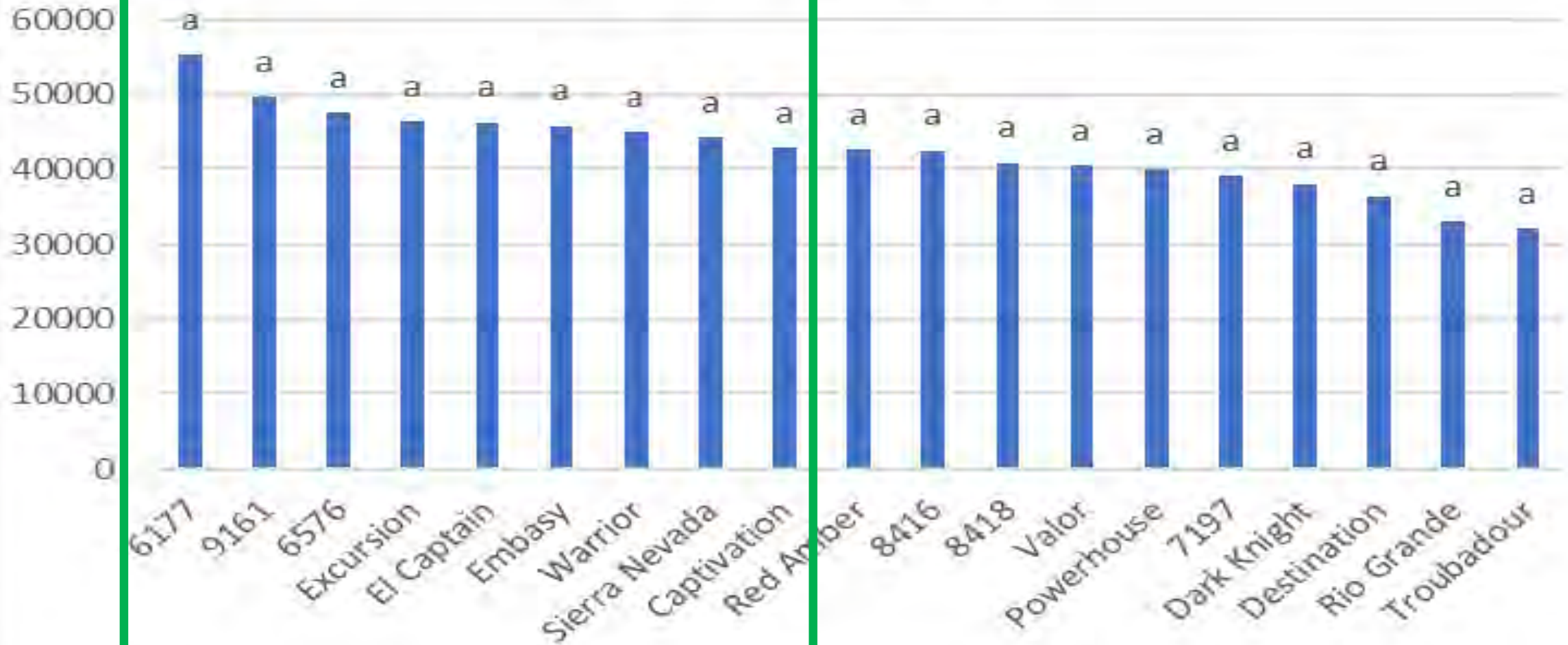
Average Fruit Wt (lbs)



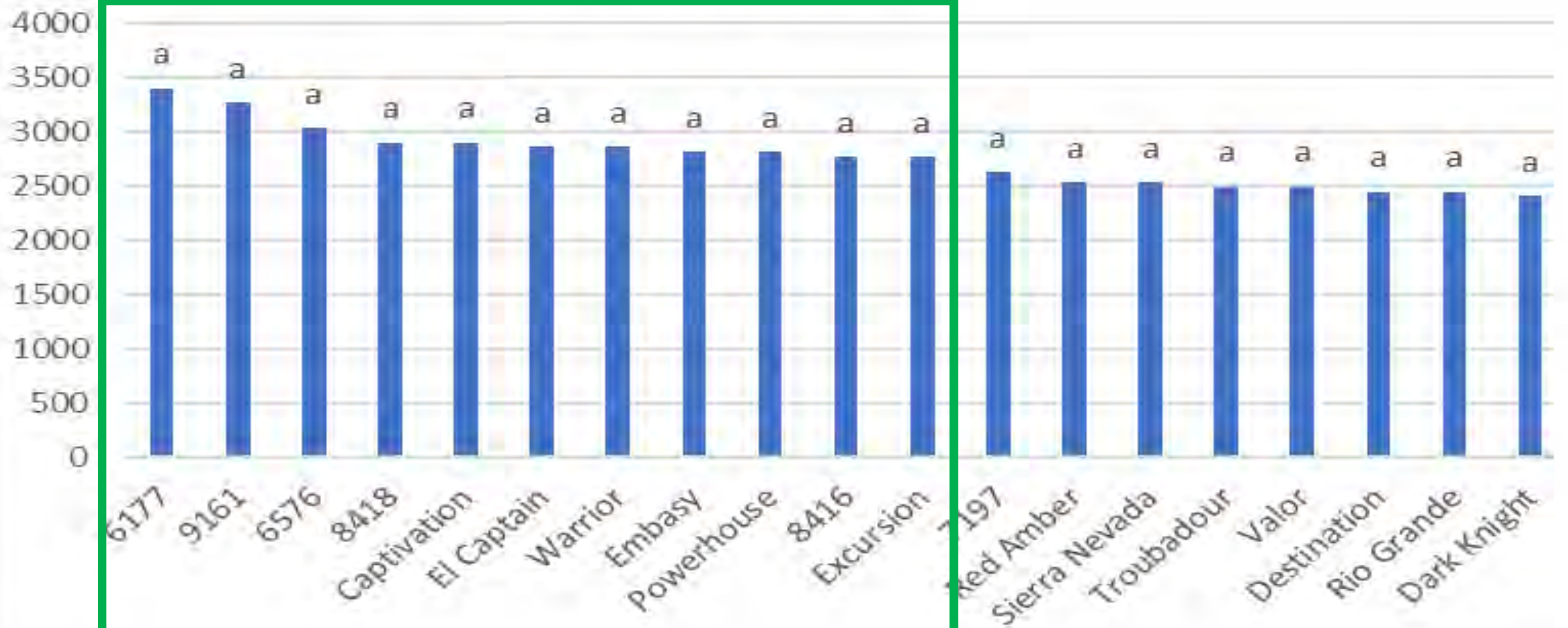


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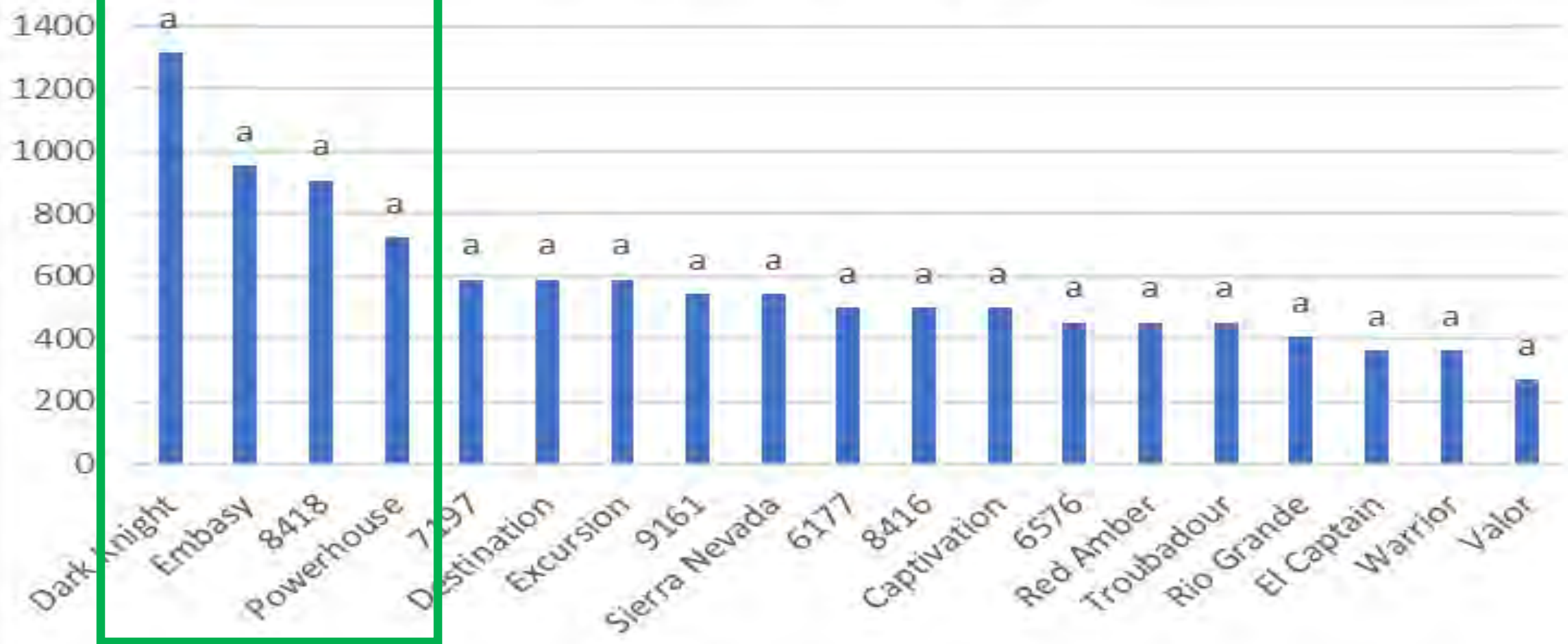
# Fruit Weight/Acre



## Fruit Count/Acre



# Sunburn Fruit Count/Acre







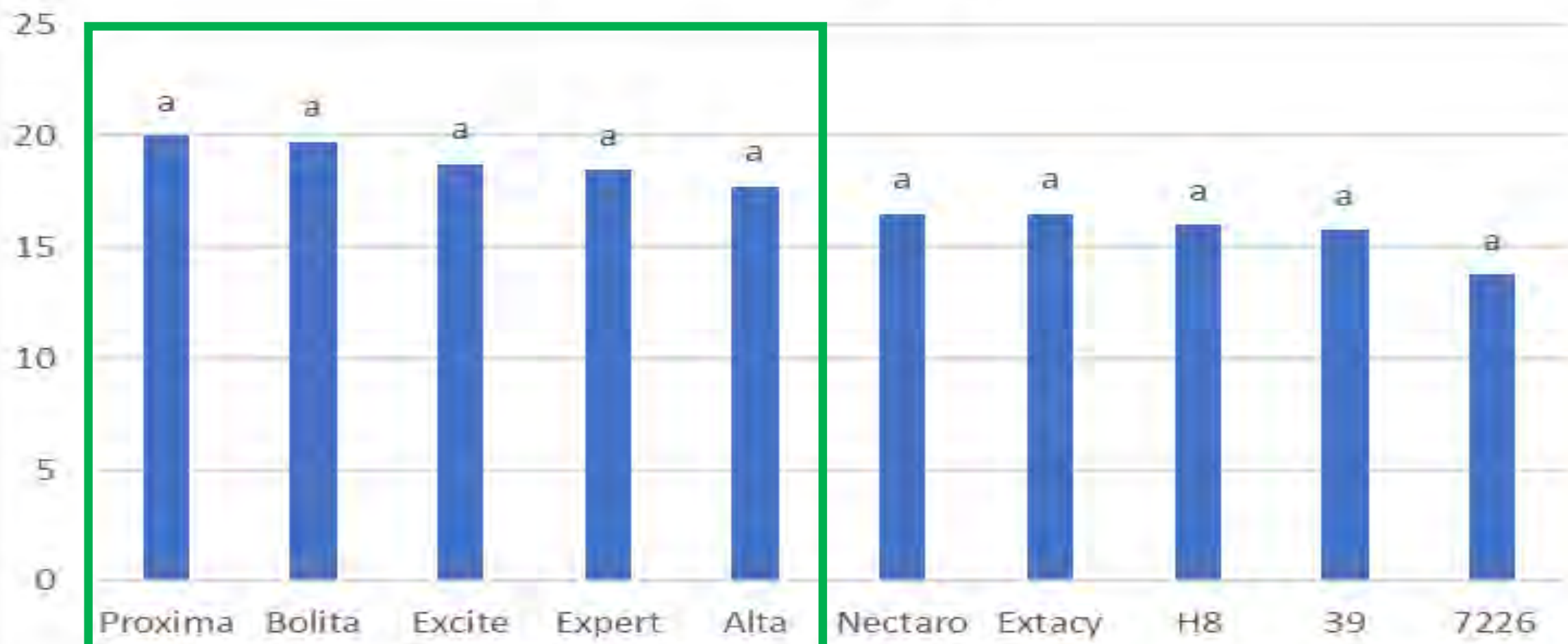
# Recommendations

- Normal Size (45 Count)
  - ACX6177TSS
  - 9161 (Miramonte)
  - 6576 (Jetski)
  - El Capitan
  - Warrior
  - Captivation
  - 8416 (Virtue)
- Large Size (36 Count)
  - Excursion
  - Sierra Nevada
- Small (60 Count)
  - Rio Grande
  - Troubadour
- Sunburn
  - Dark Knight
  - Embassy
  - 8148 (Dropped)
  - Powerhouse

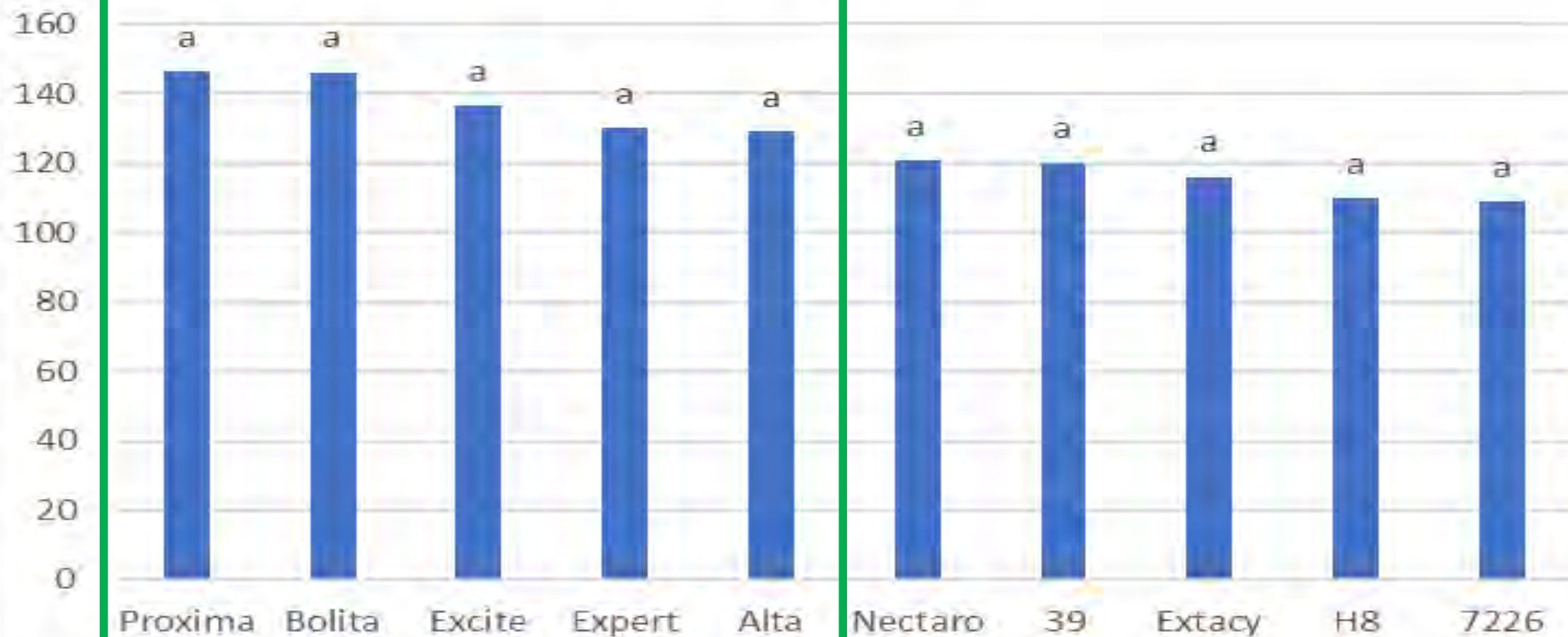
# Mini Seedless Watermelon

Variety	Company	Resistance
Proxima	Origene	
Bolita F1	Nunhems	Fon 1
Excite	Hazera	Px
Expert	Hazera	Px
Altata	Rijk Zwaan	
Nectaro	Hazera	
Extazy	Hazera	
H8		
39	Hazera	
7226 (Melania)	Origene	Fon 1; Co1; Px

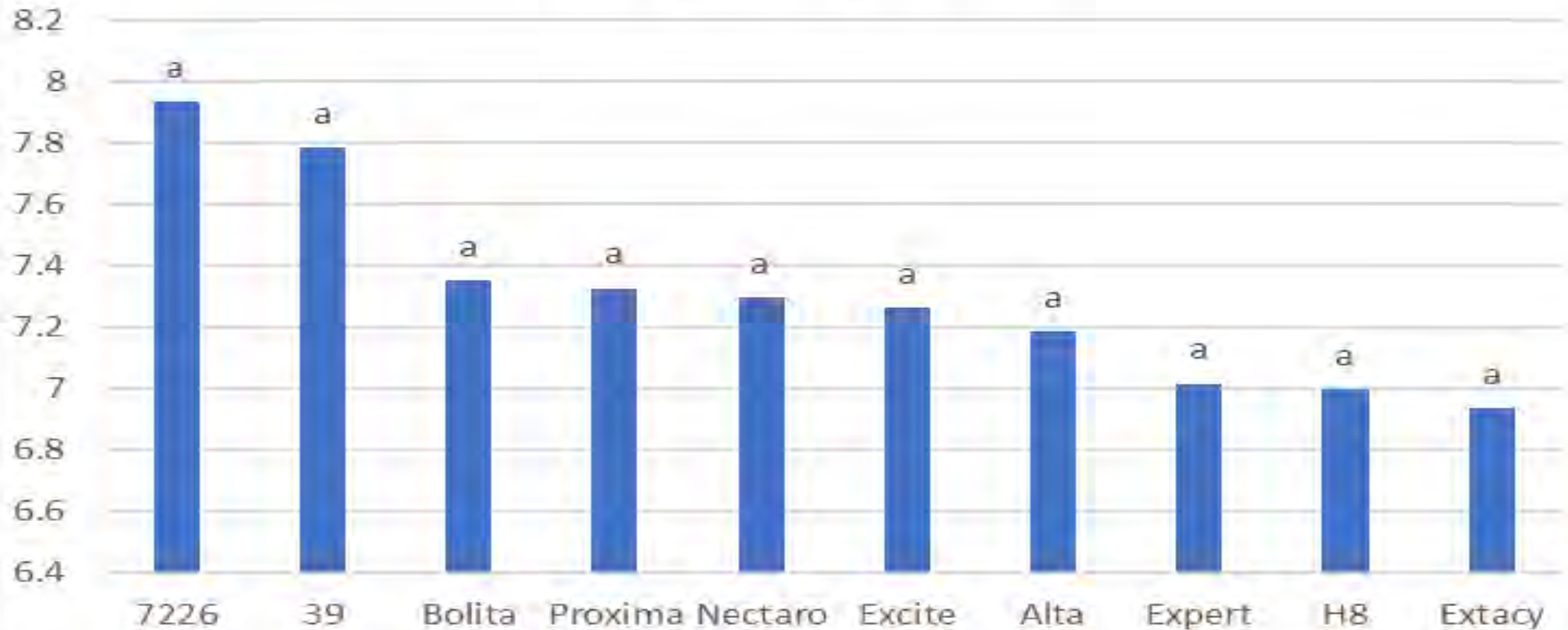
# Fruit Count/Plot



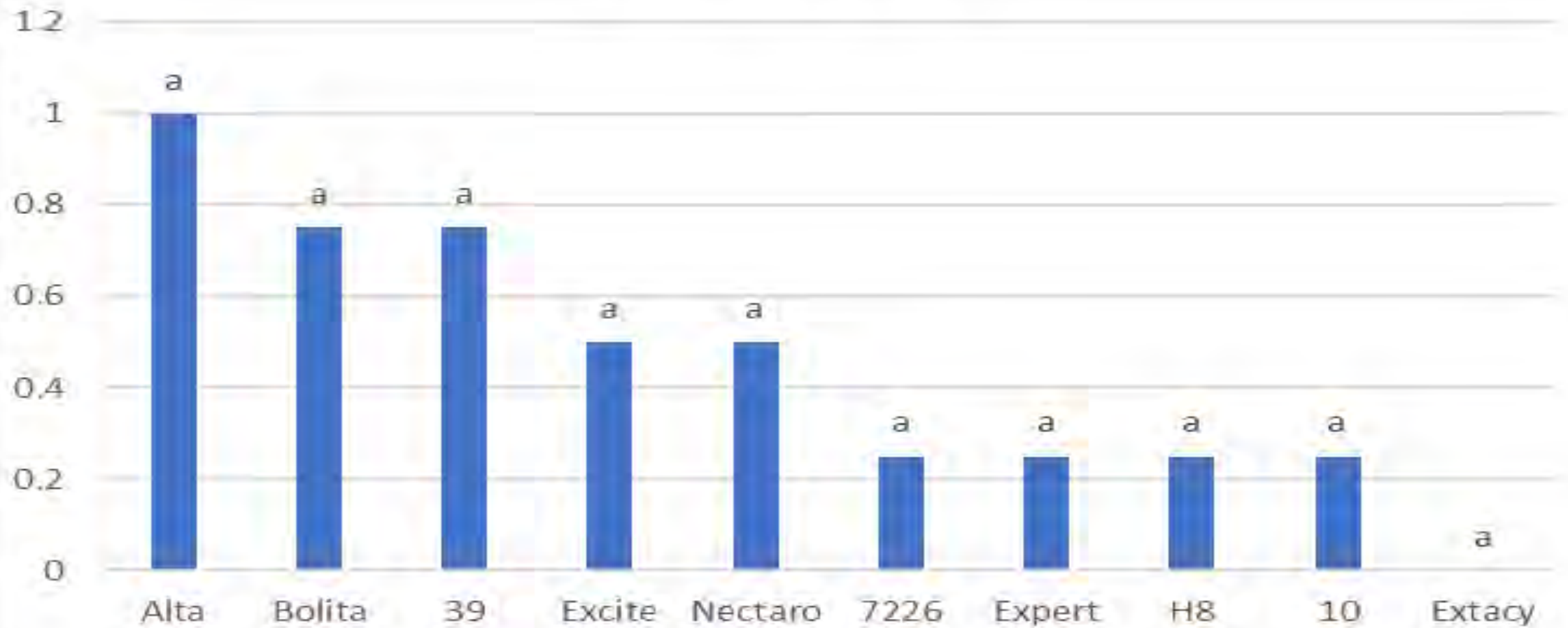
## Fruit Weight/Plot



## Average Weight/Fruit



## Sunburn/Plot



# Recommendations

- Proxima
  - Bolita F1 (Fon 1)
  - Excite (Px)
  - Expert (Px)
  - Altata
- Melania (Fon 1; Co1; Px)



# Additional Resources

Watermelon App –  
<https://watermelon.uga.edu/>

UGA Irrigating Tool –  
<https://irrigating.uga.edu/>

UGA Vegetables –  
<https://vegetables.caes.uga.edu/>

Fungicide Spray Programs –  
[https://site.extension.uga.edu/benhillcoag/files/2022/04/Fungicide-Spray-Programs-2022\\_vegetable-crops.pdf](https://site.extension.uga.edu/benhillcoag/files/2022/04/Fungicide-Spray-Programs-2022_vegetable-crops.pdf)

Soil Test Handbook for Georgia –  
<https://aesl.ces.uga.edu/cropcode/list.pdf>

Georgia Pest Management Handbook -  
<https://ipm.uga.edu/georgia-pest-management-handbook/>