

INCREASE FRUIT SET WITH FERTILEADER GOLD APPLICATION ON GRAPES

RESEARCHER

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SITE LOCATION

Finger Lakes Region, NY
GR-7 Grape Vineyard

PURPOSE AND HYPOTHESIS

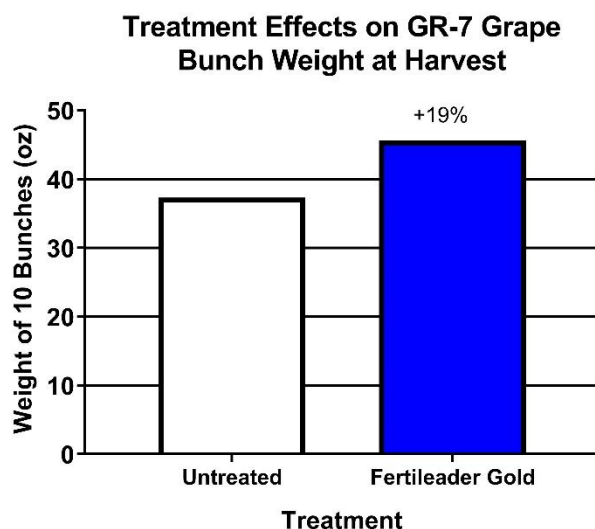
The purpose of this experiment was to test the application of Fertileader Gold on an American hybrid GR-7 vineyard. The grower standard practice in the region is to put some form of boron on the vines just before flowering. Our hypothesis is the Seactive Complex in Fertileader Gold will help to increase fruit set and reduce the number of shot berries.

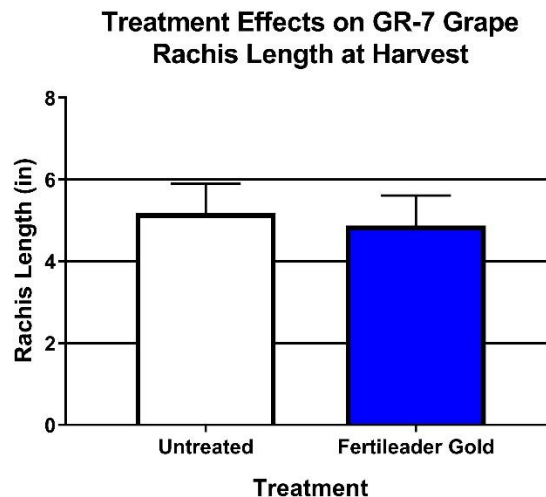
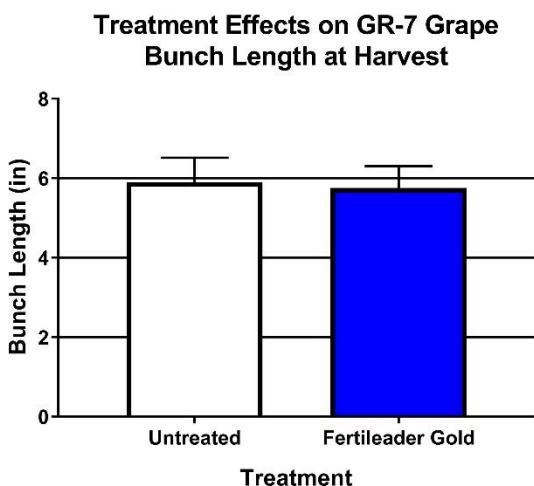
APPLICATION

PRODUCT	RATE	APPLICATION DATE
Untreated		
Fertileader Gold	1 qt/ac (at flowering)	6/2018

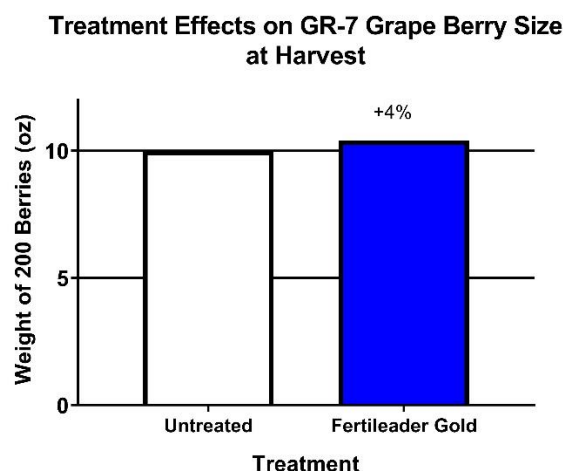
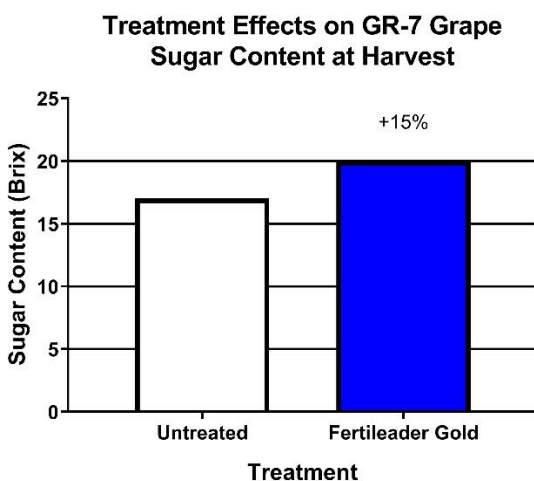
HAND HARVEST RESULTS


Graph 1 & Picture 1: Graph 1 shows the bunch weights of treated and control. Picture 1 demonstrates what the bunches looked like at the sampling time.





Graph 2 & 3: Graph 2 demonstrates the average length of the ten bunches. Graph 3 demonstrates the rachis length.



Graph 4 & 5: Graph 4 shows the brix measurement taken from the 200 berries. Graph 5 shows the average weight of 200 berries (20 from 10 bunches, in 4 replications).

KEY FINDINGS OF THE HAND HARVEST

- 19% increase in bunch weight
- 15% increase in brix
- 4% increase in berry weight
- No effect on bunch or rachis length