



# THIRD PARTY RESEARCH

CARA CARA NAVEL CITRUS FRUIT

Third Party Research Conducted by Steve Deitz, Sawtooth Research

Penny Newman "Triple Stack" Foliar Potassium  
Program Produces Results and Drives Profits  
Back to Grower Bottom Line



## SUMMARY

Foliar applications made to mature Cara Cara navels in a two application program to evaluate effect on color, brix, and fruit size. A “Double Stack” of Penny Newman KC70 Potassium Acetate 0-0-26 was applied at 1.5 gal/acre with NanoK at 4 oz/acre. A “Triple Stack” of Penny Newman KC-70 Potassium Acetate 0-0-26 was applied at 1.5/acre with Coriphol at 1 pt/a, and Nano K was at 4 oz/acre. For comparison, an Agro K program consisting of KDL, Micro-mix and Vigor Copper was also applied. Early season harvest in November/December.

## METHODS

Two total applications of each program were made starting at 60 days before anticipated harvest, with the second application occurring 21 days later. Foliar applications were made with a Stihl mistblower and delivered at 100 gpa. Each plot consisted of three trees and each treatment was replicated six times.



## RESULTS

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**65% increase** in premium fruit size 88-56

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**40% increase** in revenue per acre

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**\$1,334 increase** in revenue per acre

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**8% improvement** in color rating

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**19.3% increase** in yield lbs

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**20% increase** in number of total bins

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## FEATURED PRODUCTS

**NanoK**<sup>®</sup>

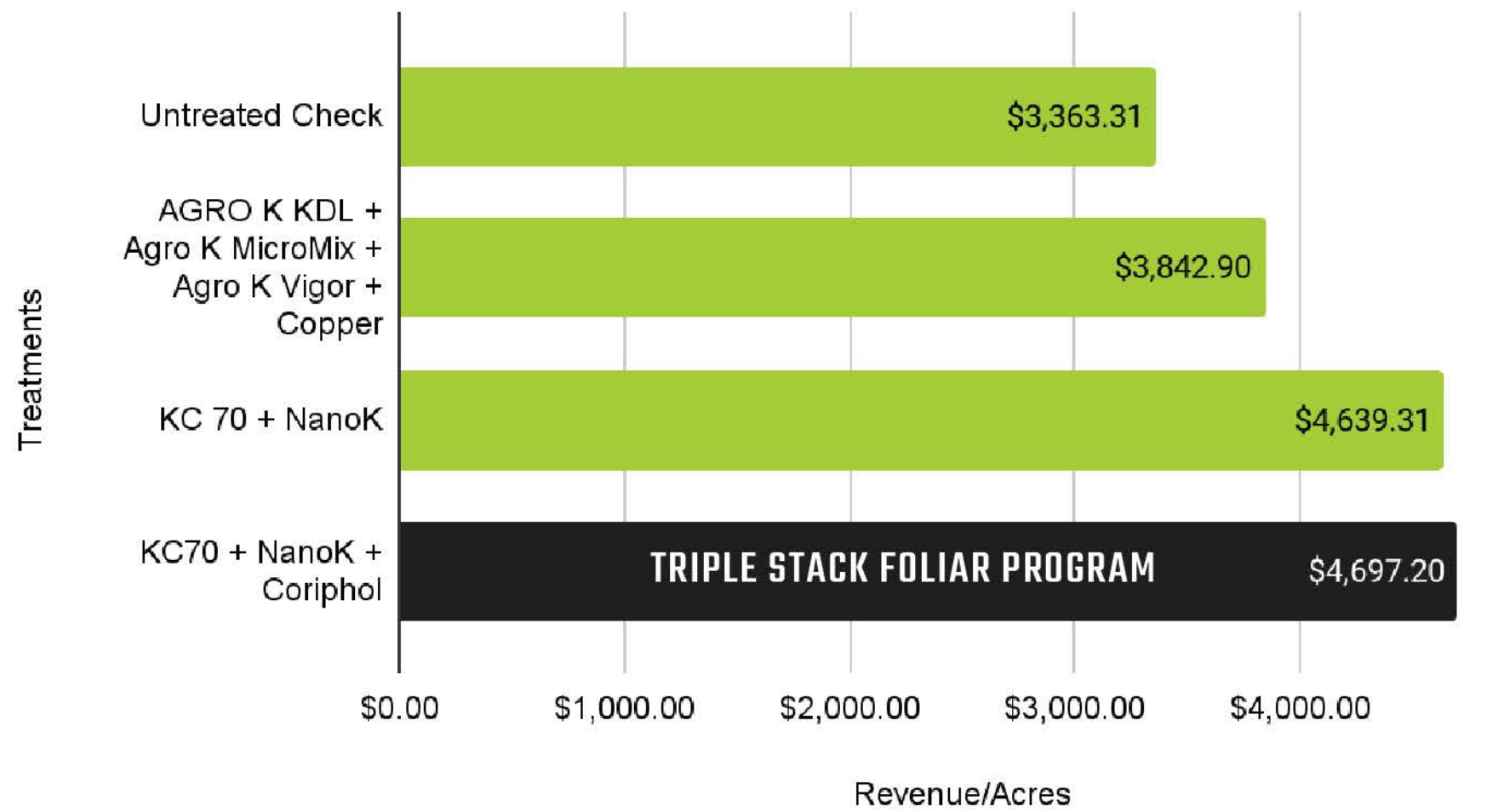


**coriphol**<sup>™</sup>

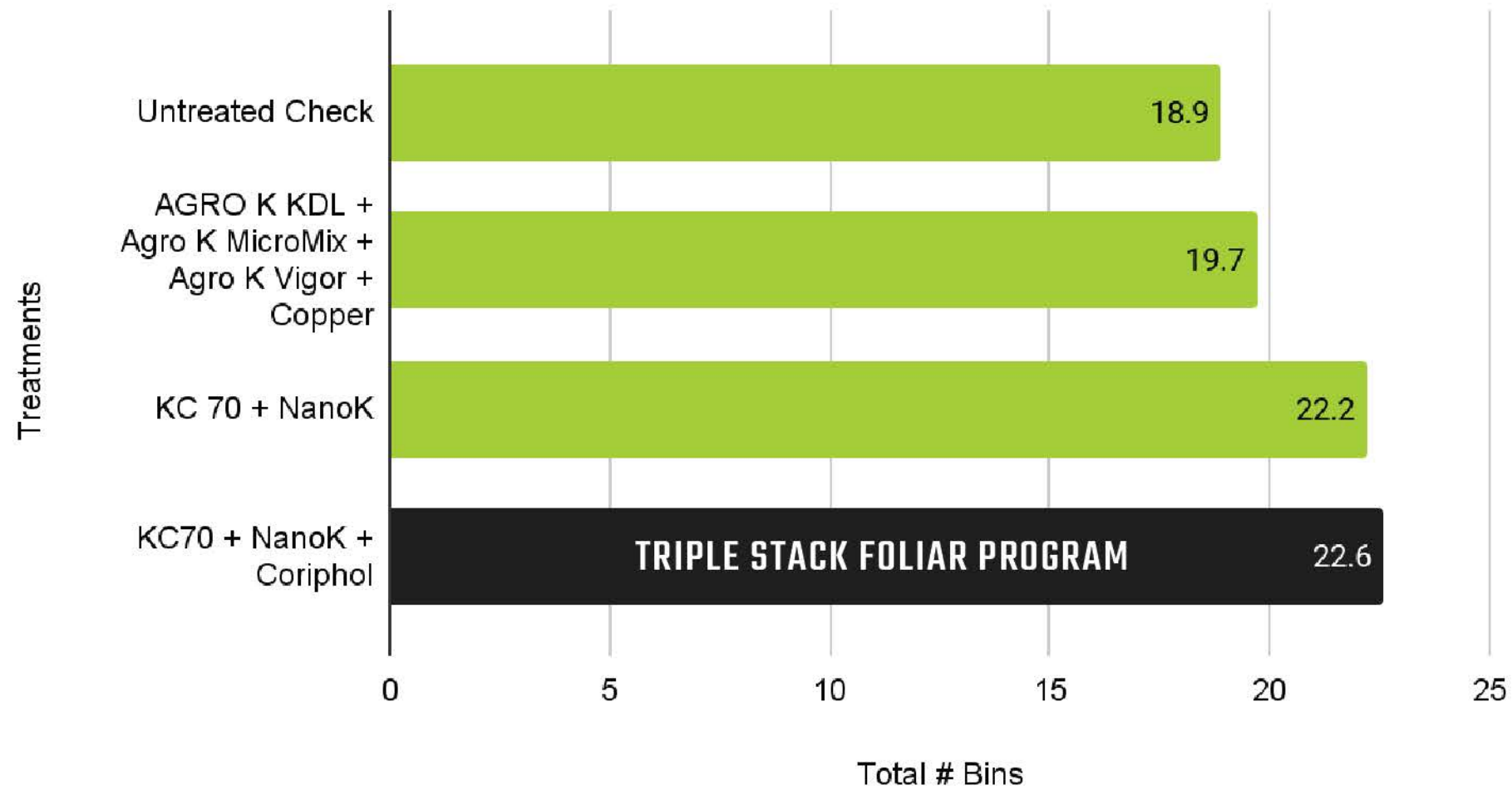
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## Revenue/Acre vs. Treatments



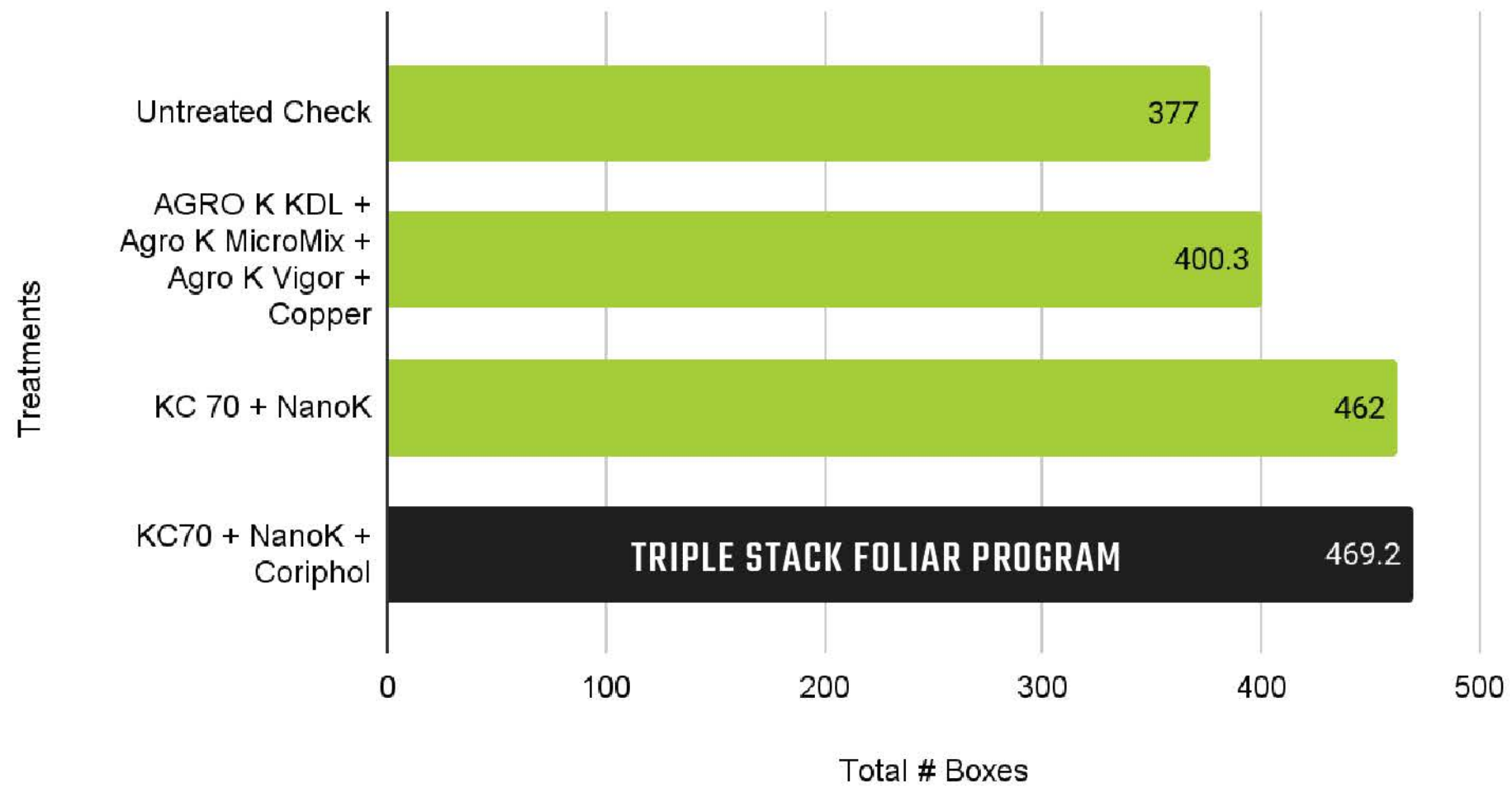
## Total # Bins vs. Treatments



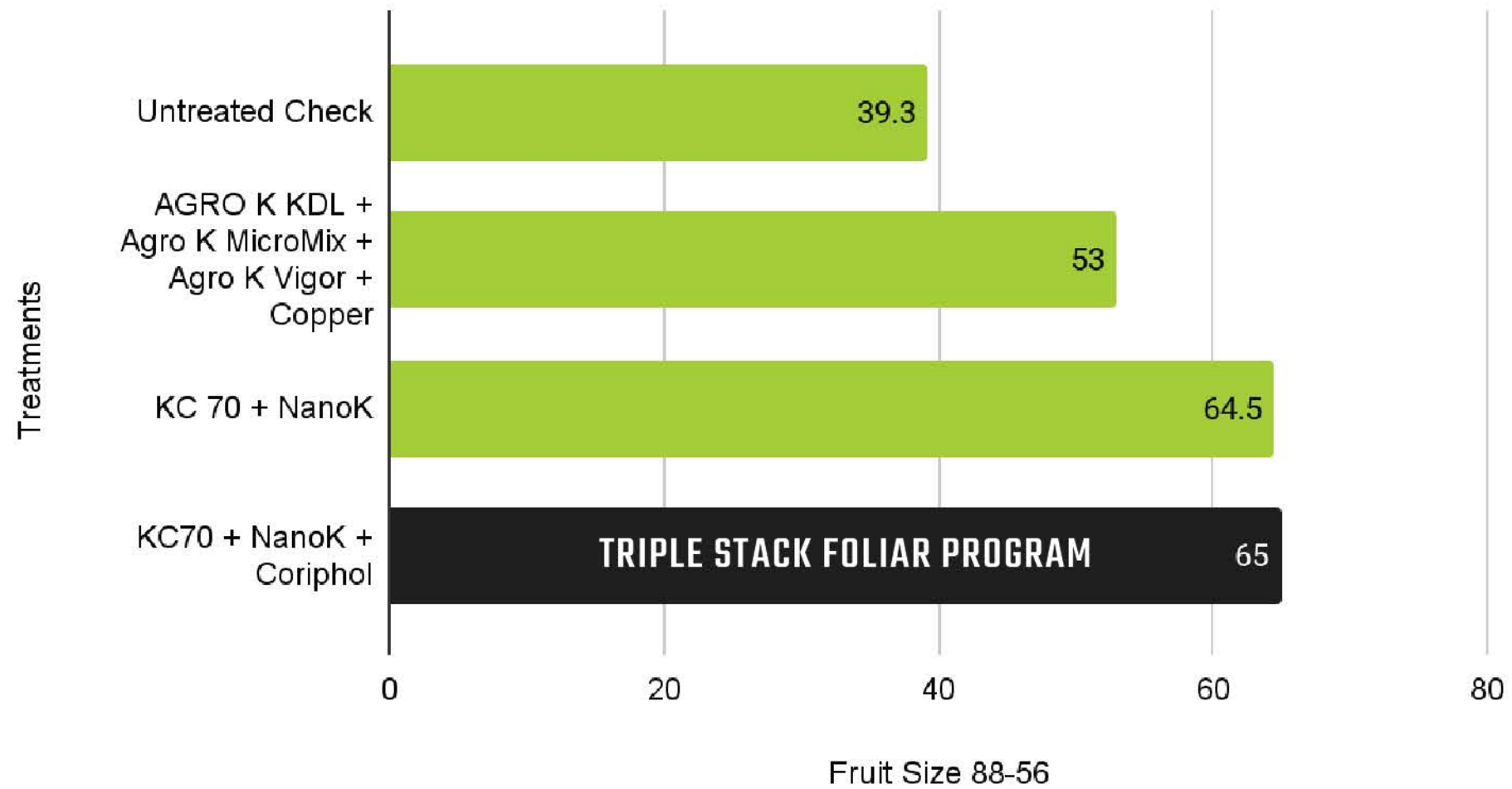
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## Total # Boxes vs. Treatments



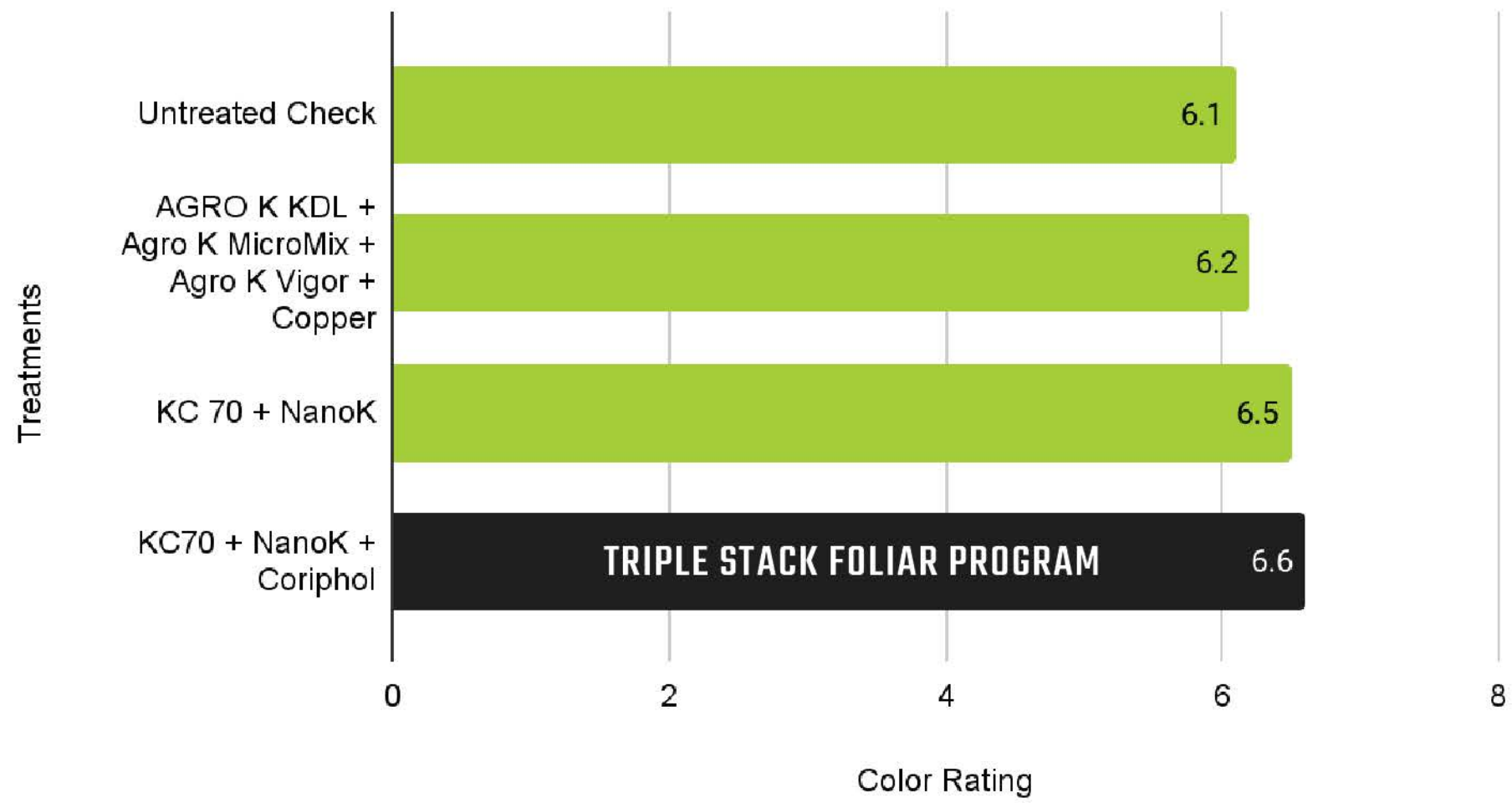
## Fruit Size 88-56 vs. Treatments



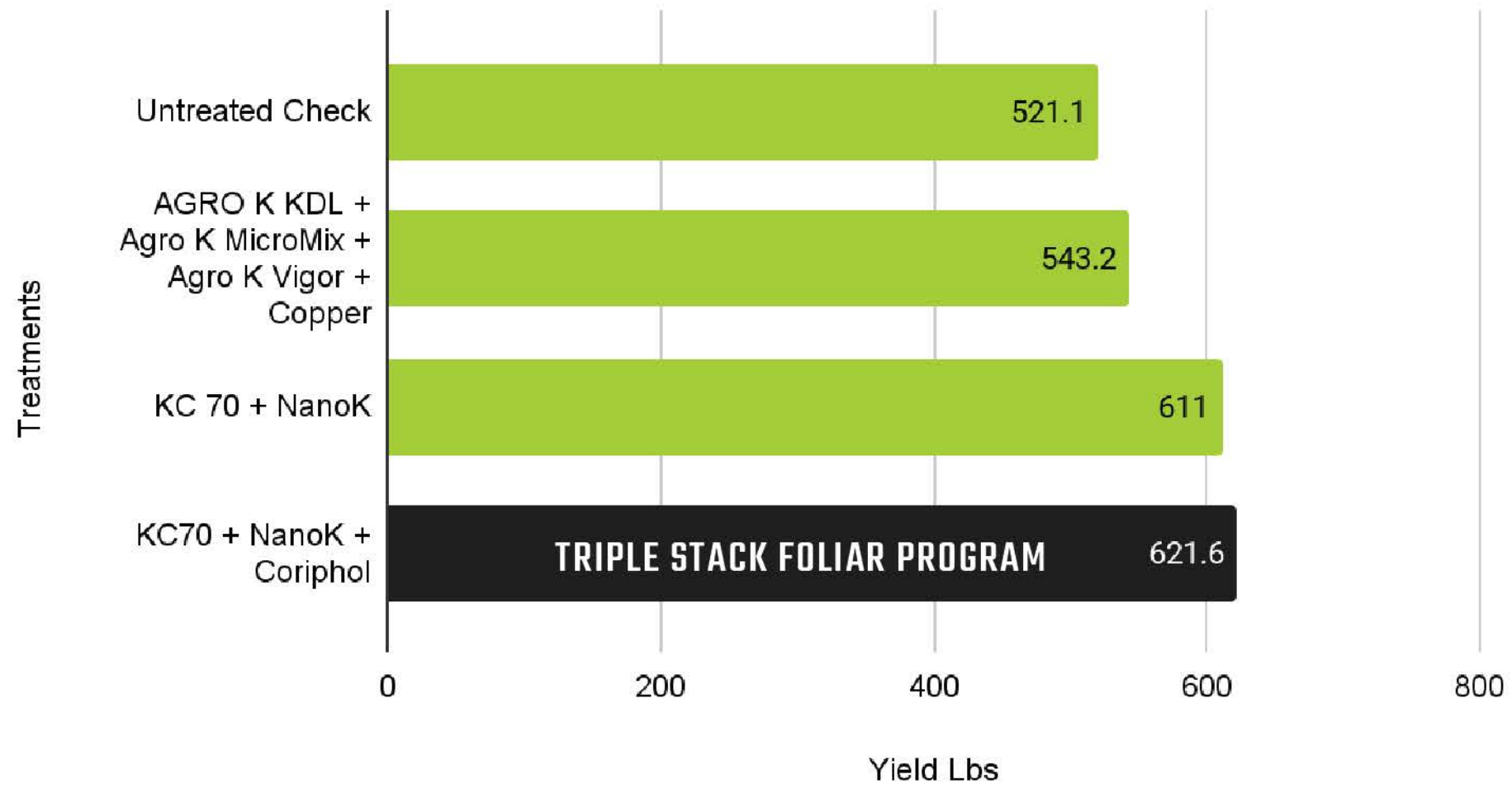
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## Color Rating vs. Treatments



## Yield Lbs vs. Treatments



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