

'Mountain Fresh' Tomatoes

2015 Research Summary

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Trial Summary

Researched By: Charlie Sanchez

Location: University of Arizona, Maricopa Research Station

Growing Season: 2015

Objective: To evaluate the benefit of Nutricor[®] on the yield and health of 'Mountain Fresh' tomatoes.

Methodology

The study was conducted during the 2015 growing season in Maricopa, AZ. 'Mountain Fresh' tomato plants were transplanted on March 16. Tomatoes were harvested in nine pickings from June 23 to July 25. The experimental design used was a randomized complete block with four replications.

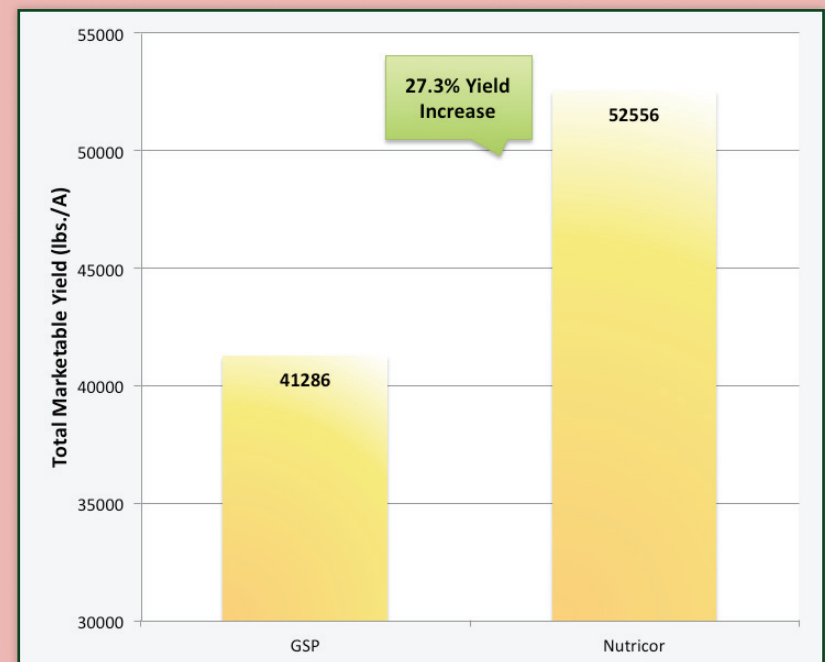
Treatment Applications

The Grower Standard Practice (GSP) for fertilizing tomatoes in Arizona is the following: 180 pounds nitrogen per acre using a combination of 11-52-0 (monoammonium phosphate) at pre-plant and 32-0-0 (urea and ammonium nitrate) 10-14 days after planting. The following treatments were applied to tomatoes:

1. GSP
2. Nutricor – Nutricor was applied at 3 gallons per acre (GPA) as top-dress at planting, 2 GPA side-dress at 10-14 days after planting, 2 GPA at bloom and 1 GPA at fruit set.

Results and Conclusions

The marketable yield of tomatoes fertilized with Nutricor was 52,556 lbs./A, which translates to a 27.3% increase over the GSP. This study shows that a **Nutricor fertilization program can increase tomato yields.**



 **Nutricor[®]**

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