

# 'Roma' Tomatoes

## 2014 Research Summary

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### Trial Summary

**Location:** Sutter County, CA

**Growing Season:** 2014

**Objective:** To evaluate the benefit of Nutricor<sup>®</sup> applications on the yield of 'Roma' Tomatoes.

### Methodology

Prior to planting, conventional tillage was implemented to prepare the field. Soil analysis was performed on May 10 and 'Roma' Tomatoes were planted. Tomatoes were harvested on September 12 and total yield was calculated after harvest. Plant tissue nutrient analysis was performed before fruiting, at early bloom and at harvest. Fruit content of Phosphorus, Nitrogen, Potassium, Fructose and Sucrose were evaluated at harvest.

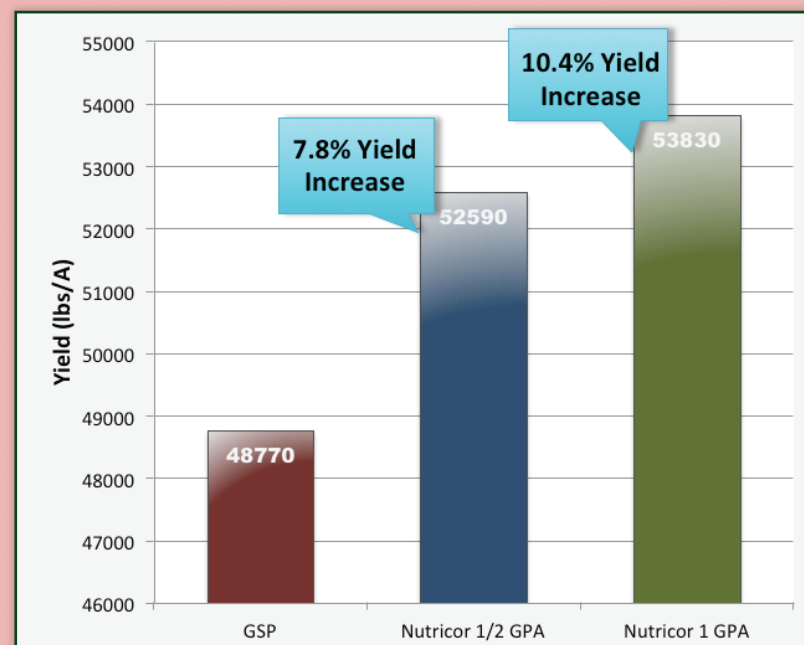
### Treatment Applications

For Tomatoes, the grower standard practice (GSP) used for fertilization was a pre-flower irrigation with UAN32 at 71 lbs/A and weekly irrigation applications of CAN17 at 107 lbs/A. For Nutricor treatments, GSP was applied with the product. Nutricor was applied as a foliar spray at planting, 10-14 days after planting, at first bloom and then through the drip irrigation system for 8 weeks after first flower. Specific treatments are:

1. GSP only
2. Nutricor with GSP — 3 GPA at planting, 2 GPA 10-14 days after planting, 1 GPA at first bloom and ½ GPA for 8 weeks through the drip irrigation system
3. Nutricor with GSP — 3 GPA at planting, 2 GPA 10-14 days after planting, 1 GPA at first bloom and 1 GPA for 8 weeks through the drip irrigation system

### Results and Conclusions

The total yield for Nutricor treated Tomatoes was 52,590 lbs/A when applied at ½ GPA, and 53,830 lbs/A when applied at 1 GPA. This equates to a 7.8% and 10.4% increase over the GSP, respectively. This study shows that the use of **Nutricor can be used as a tool to enhance yields of tomatoes.**



 **Nutricor<sup>®</sup>**

To find out more about Nutricor, visit our website at [Solutions4Earth.com](http://Solutions4Earth.com) or call 855-834-3882.