

# ROOTERRA TRIAL ON PROCESSING TOMATOES

## SUMMARY

Nutrient TECH research & development conducted replicated trials in the San Joaquin Valley in commercial tomato fields. Treatments compared foliar spray application rates and timings for yield increases.

**Key Takeaway:** Foliar application of ROOTERRA increased tomato yields through crop growth factors leading to increased plant productivity.



## METHODS

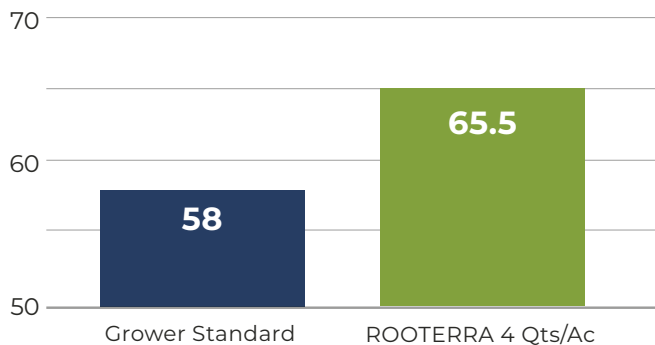
A comparison of 1 or 2 applications of ROOTERRA at 2 or 4 quarts per acre versus grower standard practices were made at first bloom and later timings thereafter. ROOTERRA was applied with surfactant in a 50 gpa final volume. Plot areas were hand harvested for marketable fruit. Plot weights were analyzed statistically and results from 2 separate fields were averaged for reporting.

## RESULTS

In the graph below, it can be observed that application of 1 gallon per acre of ROOTERRA increased average tomato yields 7.5 tons per acre. This was accomplished with either 1 single application or split applications of 2 quarts each. The flexibility in effective use rates and timings underscores the strength of this crop response. ROOTERRA positively influenced crop growth parameters resulting in a robust crop response which created an excellent ROI (>13:1).

### PROCESSING TOMATO YIELD

Tons/Ac (2 Sites)



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