

# 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

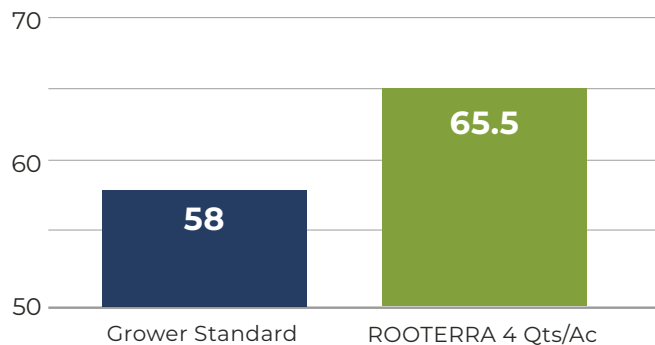
A comparison of 1 or 2 applications of ROOTERRA at 2 or 4 quarts per acre versus grower standard practices were made at first bloom/full bloom and 3 weeks after each. ROOTERRA was applied with surfactant in a 50 gpa final volume. Plot areas were hand harvested for marketable fruit. Plot weights were 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 at the key timings listed in METHODS. 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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