

ABIOTIC STRESS DEFENSE

ROOTRX IMPROVES YIELD TOMATO

Tomato plants are subjected to many abiotic stresses during production. The addition of RootRx to crop management plans can help reduce abiotic stress.



RESEARCH OBJECTIVE

This trial was conducted to assess the impacts of the addition of RootRx to the production of processing tomatoes.

KEY OUTCOMES

On average, RootRx-treated plots yielded 27% more pounds than the control with a 5% increase in SPAD readings ($p < 0.03$).

THE TRIAL



WHO:

Dr. Surendra Dara, University of California Cooperative Extension, Shafter, CA

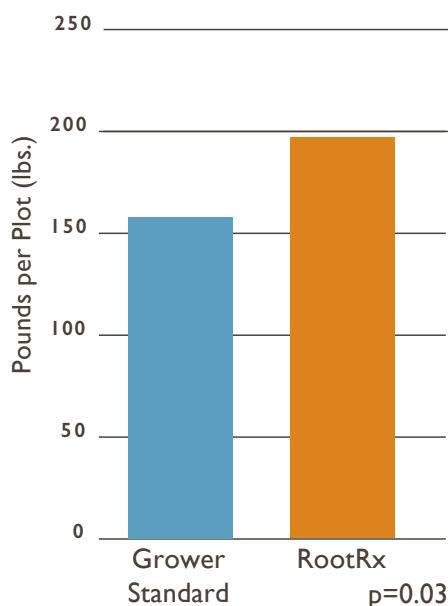


WHAT:

The addition of RootRx to a Grower Standard Fertility Program at a total applied amount of 1.25 gallons per acre was as follows:

APPLICATION	RATE
1	0.25 gal./acre at transplant with fertilizer
2	0.5 gal./acre at 21 Days after transplant applied via drip
3	0.5 gal./acre at 45 Days after transplant applied via drip

YIELD



EVALUATION PARAMETERS:

- Yield
- SPAD



WHERE:

Shafter Field Research Center, CA



WHEN:

Summer to Fall

YIELD & QUALITY



LEAF CHLOROPHYLL CONTENT

