

PROJECT SUMMARY - TES2A LaGrande - Tomato Experiment Station
Colusa County Farm Supply Research Dept.
10/13/2017

Test No: CCF
Company: TEP-Ag
Plot Number(s): 12
Location: Arbuckle, CA
Cooperator: M&R LaGrande
Field ID: JK11S
Crop: Processing tomato
Variety: BP13
Irrigation: Sub-surface drip irrigation

OBJECTIVES To produce performance data by testing nutritional products in a "real world" production system.
All study results were conducted.... "***Under the conditions of this study***"

2017 Seasonal Overview:

Trial site and culture was excellent, especially the irrigation.
There was very little insect and disease pressure in this field. Grower and PCA did an outstanding job.
Unless otherwise noted, all treatments were supplements to the grower standard nutritional program.
All treatments were compared to the grower standard.

Program Overview:

- a) Drip plot sizes = 15' x 1,315' (3 rows x 1,315'). This was the entire length of the row.
- b) Foliar plots size = 15' x 240' (3 rows x 240').
- c) Unless otherwise noted, foliar plots were applied over drip programs.
- d) Drip applications were made using a 15 gallon cone tank, electric pump, and pressure regulating manifold.
The products were mixed and water added until the tank was full.
The solution was pumped at 2 GPM through a pressure regulated manifold into each drip line.
- e) Foliar applications were made at 30 GPA, PSI 30, Twin Jet Turbo T #2 (Yellow).
- g) Harvest was achieved via Morning Star commercial tomato harvester and GT Cart (Weigh Wagon).
Harvest area consisted of commercially harvesting a 5ft x 240ft section for both "foliar + drip" and "drip alone".

Evaluations:

Markeable Yields (Tons/A)
Quality Analysis: Red, Green, Black Mold, Sunburn and % Soluble Solids
Soil Analysis

- DATA GUIDE:**
- 1) Protocol and Application Schedule
 - 2) Harvest Sheet (Raw Data)
 - 3) Plot Map
 - 4) Soil Analysis (Separate attachment)

FUTURE ACTION: To be determined by the assessment team...

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