

PROJECT SUMMARY - NES1 - Nut Experiment Station
Colusa County Farm Supply Research Dept.
10/20/2017

Test No: CCF17134
Company: TEP AG
Plot Number(s): 2D, 2DF, 2F, 2GS
Location: Arbuckle, CA
Cooperator: KTN Joint Venture
Field ID: NES1
Crop: Almonds
Variety: Non-pareil
Irrigation: single line surface drip tape
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.
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 = 310'x22' (.16 acre). This was from the mainline running through the middle of the field to the west edge.
- b) Foliar plots size = 10 trees
- c) Foliar plots overlaid the drip program AND grower standard program in each row.
- 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 @ 100 GPA using a Stihl backpack air-blast sprayer.
5 trees per 15 liter tank load, 17 seconds per side (each tree).
- f) Harvest area consisted of picking up 3 trees in the middle of each plot on both sides of the tree.
drip alone, drip+foliar, foliar alone, grower standard

Evaluations:

Soil and plant tissue analysis
Visual ratings by professional agronomists
Harvest (meat lbs/ac)

- DATA GUIDE:**
- 1) Cover Page
 - 2) NES1-Project Overview
 - 3) Myers Data Sheet - includes seasonal timeline, protocol and application guide, and harvest data.

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

Colusa County Farm Supply
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