

# ALMONDS: ZICAN SOIL™ + YARALIVA® CAN17 SYNERGIES INCREASE YIELDS

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## TRIAL DESIGN

**Objective:** To demonstrate the effect of adding ZiCAN Soil with CAN-17 to mature bearing nonpareil almonds.

**Trial Design:** Randomized Complete Block Design with 5 Replications

**Application Dates:** 3/25/19; 4/19/19; and 5/17/19

**Trees Harvested:** 8/24/19

## FBSciences ZiCAN Soil & YaraLiva® CAN-17

Treatments	Yield lb./acre	% Blanks	Nut Size (% of Control)
YaraLiva® CAN-17 Control	1890	1.7	100.0%
<b>FBSciences ZiCAN Soil + YaraLiva® CAN-17</b>	<b>2090</b>	<b>1.4</b>	<b>103.2%</b>

## CONCLUSIONS

- **ZiCAN Soil plus CAN-17 picked up a 10.6% yield increase which is 200 lbs/acre**
  - 200 lb x \$2.75 = **\$550/acre increase**
- The benefits go beyond just supplying Zn and Mn. Even though Iron and Copper were NOT added, the increased root flush and benefits of FBS Transit included in ZiCAN Soil helped increase other micronutrients mined from the native soil. Specifically +25.6% Mn, +23.4% Zn, +103% Iron, +50% Copper
- It was clear from initial field visits that ZiCAN Soil plus CAN-17 was going to outperform the CAN-17 control
- There were also positive trends for fewer blanks, and 3.2% larger size kernels



YaraLiva® CAN-17  
Control



FBSciences ZiCAN Soil  
+ YaraLiva® CAN-17

