

# PENERGETIC DEHYDRATED ONION TRIAL

## Blythe, California – 2020

This report present the results of a trial conducted in low desert condition in Eastern California with sprinkler irrigation provided as the water source. Onions were planted in Fall 2019 and harvested in July 2019.

This data compares Control (untreated) to Penergetic-treated sections of same fields.

Penergetic treatment included:

i) Penergetic k (Soil Activator) applied at a 200 grams/acre rate on the soil surface before germination and watered in.

ii) Penergetic p (for Plants) was foliar applied at 100 grams/acre at three leaf stage. [Note: a subsequent application of penergetic p proposed to take place at the five leaf stage did not occur. Also, Covid-19 factors limited additional data collections from taking place.]

### Results (Yield)

Control (untreated): 25.72 tons/acre

Penergetic-treated: 26.27 tons/acre

Difference: 0.55 tons/acre

### Financial Analysis

Penergetic Cost: Penergetic k (@ 200 gram rate) = \$16.00/acre

Penergetic p (@ 100 gram rate) = \$ 9.00/acre

Total Penergetic Cost = \$25.00/acre

Value of (Dehydrated) Onions: \$265.00 per ton

Return on Investment (ROI): Increased Value of Onions Produced / Penergetic Cost  
= (\$265.00 X 0.55) / \$25.00 = 5.83

**\*\* Therefore every \$1.00 of Penergetic used produced \$5.83 more dehydrated onions.**

