ProAcqua®

FIELD FACTS

PROACQUA® SPRING AND PROACQUA FINISH INCREASE TOMATO YIELD IN CALIFORNIA

KEY FINDINGS:

PROACQUA SPRING & FINISH

INCREASE MARKETABLE YIELD BY

+8.6 TON/AC

VS. THE GSP ALONE

OBJECTIVE:

Demonstrate the benefit of ProAcqua Spring (12-40-12) + micronutrient package and ProAcqua Finish (8-12-40) + micronutrient package applied via drip irrigation in tomato production in California by implementing a trial with a third-party research cooperator.

OVERVIEW:

Uniquely formulated with high-quality nutrients and proprietary adjuvant blends, ProAcqua delivers the solubility and compatibility to improve crop performance and promote yield.

TRIAL DETAILS:

Location(s):	San Joaquin, CA
Trial Design:	Small Plot, Randomized Complete Block Design w/Four Replicates
Crop:	'K2770' Processing Tomato
Soil Profile:	pH = 6.2 CEC = 6.6 meq/100g OM = n/a Soil Texture = Fine Sandy Loam
Stats:	General Linear Model, Least Squares Means Student's t (P≤0.10)

Compass Minerals®

Plant Nutrition

ProAcqua®

TREATMENTS:

1. **Grower Standard Practice (GSP)**
2. **GSP w/ProAcqua Spring** - 20 lb/ac @ 2, 4, 6, 8 and 10 Weeks After Transplant (WAT)

   ProAcqua Finish - 20 lb/ac @ 5, 6, 7, 8, and 9 WAT

RESULTS:

Addition of Spring and Finish via drip irrigation to the GSP significantly increased yield by 8.6 ton/ac relative to the GSP alone (Fig. 1).

RESULT: +8.6 ton/ac

Marketable tomato yield

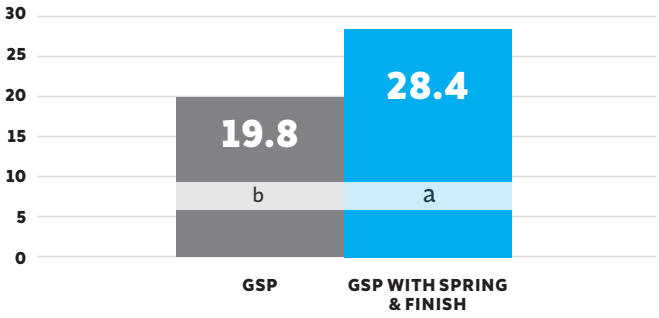

FIGURE 1. Marketable tomato yield (ton/ac) P<0.10, SD±2.0 ton/ac

SUMMARY:

Under the conditions of this study, ProAcqua Spring and ProAcqua Finish applied via drip irrigation significantly increased marketable tomato yield by 8.6 ton/acre relative to the GSP alone.

ProAcqua Spring (12-40-12) + micronutrient package and ProAcqua Finish (8-12-40) + micronutrient package combine macro and micronutrients and proprietary adjuvant packages to achieve synergies in nutrient uptake. **Apply ProAcqua Spring and ProAcqua Finish in high yielding production systems to provide a high quality source of phosphorus and potassium and maximize yield potential.**

For more information visit proacquanutrients.com or compasscrops.com.

Compass Minerals®
Plant Nutrition