

BIO SHOT BIOSTIMULANT ON PROCESSING TOMATO YIELDS. CA, 2019

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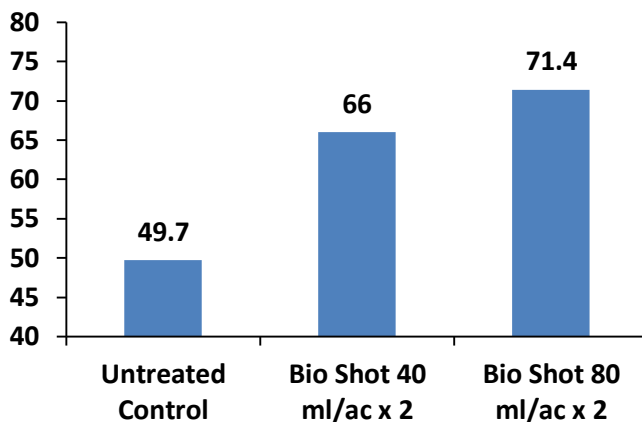
A trial, of 0.41 ac per program, was carried out in T&P Farms, Arbuckle, CA, in H2401 variety, processing tomato, planted May 30 and harvested October 7, 2019, and evenly treated (Control, Bio Seed & Bio Shot plots) with grower seasonal nutritional program and seasonal (Priaxor) fungicide, (Coragen) insecticide, (Vigilant) miticide and (Buffer Xtra) surfactant programs.

Bio Shot biostimulant was applied in 30 GPA spray volume, in two different rate programs: 40 ml or 1.35 fl oz per acre, and 80 ml or 2.70 fl oz per acre, each program with two foliar sprays: on Aug. 13 (full green, 20% flowering) & Sep. 11 (70% red, 30% green), 2019. Twin Jet turbo “T” #2 (yellow) nozzles, were used, applying a single row, with 3 nozzles, at a time.

The above-quoted programs showed marked yield and net revenue increases above the untreated control: 33% & 44% (16.3 & 21.7 tons/ac), resulting in net added profits of \$ 1289 & \$ 1705 per acre, with 2 applications of Bio Shot 40 ml/ac & 80 ml/ac sprays, respectively (table & figs.).

	marketable tomato yield tons/ac	yield increase tons/ac	% yield increase	Added income	Added cost	Net profit
				US \$/ac		
Untreated Control	49.7	-	-	-	-	-
Bio Shot 40 ml/ac x 2	66.0	16.3	33	1304	15.00	1289
Bio Shot 80 ml/ac x 2	71.4	21.7	44	1735	30.00	1705

Processing Tomato Yield (tons/ac)



Net Revenues (\$/ac)

