

ALFALFA TRIAL USING PENERGETIC Tonapah, NV — 2016

In order to evaluate the effectiveness of the Penergetic technology a commercial alfalfa producer applied Penergetic p (Crop Booster) to two 125 acre alfalfa pivots at a rate of 3.5 fluid oz. / acre through the pivot with chemigation tank.

Since the operator was just introduced to the product midway through the growing season, the product was applied approx. 20 days prior to 3rd cutting being harvested (and results for this cutting were compiled). Also, although no more Penergetic p (Crop Booster) was applied, the quality and yield from the next (4th) cutting was also measured — so as to determine the extent to which there was any residual beneficial effects from initial Penergetic application.

Note: Penergetic treated fields are in 6th year of production. The farm is located at 6,000 feet above sea level.



THIRD CUTTING RESULTS SUMMARY

FIELD #	1	2	3	4	5	6	7	8
FIELD TREATMENT	Control	Control	Control	Control	Control	Control	Penergetic	Penergetic
# of 1,800 LB. BALES	197	164	160	179	213	216	208	194
GRADE / QUALITY	VG	VG	VG	VG	VG	VG	Excellent	Excellent

FOURTH CUTTING RESULTS SUMMARY

FIELD #	1	2	3	4	5	6	7	8
FIELD TREATMENT	Control	Control	Control	Control	Control	Control	Penergetic	Penergetic
# of 1,800 LB. BALES	227	231	176	168	222	201	245	241

OPERATOR COMMENTS & OBSERVATIONS: The Penergetic treated fields had more leaves per plant and were noticeably darker green in color. On the Fourth Cutting, the Penergetic product's residual effect yielded almost ¼ of a ton more alfalfa per acre than the yield from the two most comparable fields (Fields #5 & #6). According to the Farm Manager, due to the combination of higher quality and greater yield (over the two cuttings) the ROI, from using Penergetic p (Crop Booster), was estimated at 6 to 1.

Based on the product's performance and the significant ROI advantage, the grower has decided to implement the Penergetic technology on his entire operation and will recommend it to other growers.

PENERGETIC SOLUTIONS

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