

3rd Cutting Alfalfa Pivot Trial Montana, 2014

Set-up:

Two side-by-side 135 acre pivots South (untreated) and North (treated). Penegetic p was applied at 3.5 oz. per acre, through the pivot using a chemgation tank, approximately 25 days prior to 3rd cutting. This trial was designed to test the effectiveness of Penegetic P foliar spray vs. a control field in terms of yield differential.

Notes:

- i) Due to rain the Untreated (South) field was harvested 3 days before the treated (North) field.
- ii) The 3rd Cut was the first time Penegetic p had been applied on a field (it was not used on the 1st or 2nd cuts).

Results:

	Untreated (South)	Treated (North)
# of 4x4 bales@1260 lbs	225	330
Tons	141.75	207.90

Return on Investment Analysis (ROI):

Good quality hay in Montana is valued at approximately \$140 per ton.

Untreated yielded total of 141.75 tons, treated yielded 207.9 tons for a 66.15 ton advantage x \$140.00/ton = **\$9,261.00 in extra hay.**

Cost of Penegetic p applied on full (135 acre) North pivot. was \$1,113.75 (\$8.25 per acre).

ROI (based on yield): 8.3 to 1.

In other words, \$8.30 more hay for every \$1.00 in Penegetic p applied.



For additional info please contact: **Justin Henson @ (360) 348-2929**

PENERGETIC SOLUTIONS

jhenson@penergeticsolutions.com

www.penergeticsolutions.com