

ALFALFA RESULTS - EASTERN WASHINGTON

Alfalfa grown under irrigation in Eastern Washington State. 140 acre pivot – a portion of which was treated with PENERGETIC k (3.5 oz./ac.) and PENERGETIC p (3.5 oz./ac.) – was compared to a Control section of the same pivot.

When walking the field, the PENERGETIC dealer noticed that the alfalfa leaves in the PENERGETIC-treated section were noticeably greener and larger in size than the Control section. Plus the PENERGETIC crop was a much thicker stand.

At the time of harvest, these earlier visual observations (during the growing season) were borne out, in terms of production (yield and quality). The PENERGETIC-treated portion produced an extra 0.46 tons / acre (or 26.3% more) alfalfa. Furthermore, both NDF and crude protein were significantly higher in the PENERGETIC-treated alfalfa.

Comparative Results

<u>Component</u>	<u>Untreated</u>	<u>PENERGETIC-treated</u>	<u>Difference (%)</u>
Moisture (%)	13.1	12.4	5.3% lower
ADF (%)	30.5	24.9	18.4% lower
NDF (%)	40.3	29.4	27.1% lower
Crude Protein (%)	19.6	24.5	25.0% higher
RFV (%)	150.0	220.0	46.7% higher
Yield (tons/acre)	1.75 tons	2.21 tons	0.46 tons more (26.3% more)

[Note: Results based on several core samples pulled from both the treated and untreated bales and sent to lab for analysis.]



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

PENERGETIC SOLUTIONS

jhenson@penergeticsolutions.com

www.penergeticsolutions.com