

Case Study: Seed Applied

alphaTMjoule

Location: Auburndale, WI

Wood County

Planted: Direct seeded, May 24, 2019

Harvest Dates: First crop July 11, 2019, second crop August 8, 2019

Alfalfa Variety: Alforex Seeds AFX 469 with Nitro-Coat®

Comment: The information and photo below demonstrate the effect of alphajoule™, a seed applied BioStimulant, on stand establishment, yield, forage quality, milk production and second crop green-up. The photo below was taken on July 18, 7 days after first crop harvest.

	First Crop Results	Second Crop Results	Year-to-Date Total/Average
Yield at 15% Moisture			
Without Treatment	1.07 T/A	1.27 T/A	2.34%
With alphajoule	1.27 T/A	1.40 T/A	2.67%
	+16%	+10%	+14%
Crude Protein			
Without Treatment	24.55%	22.87%	23.71%
With alphajoule	22.91%	24.06%	23.49%
	-7%	+5%	-1%
TTNDFD*			
Without Treatment	48.36	40.45	44.41
With alphajoule	43.04	40.79	41.92
	-11%	+1%	-6%
Milk/Ton			
Without Treatment	3,028 lbs	2,825 lbs	2,927 lbs
With alphajoule	2,742 lbs	2,764 lbs	2,753 lbs
	-9%	-2%	-6%
Milk/Acre			
Without Treatment	3,240 lbs	3,644 lbs	3,442 lbs
With alphajoule	3,482 lbs	3,870 lbs	3,676 lbs
	+7%	+6%	+7%

* TTNDFD = Total Track Neutral Fiber Digestibility. Reflects real cow digestion and performance by forecasting how high producing cows will react to a forage before feeding it. Score of 37 = minimum, 48 = the goal.

18,720 lbs more milk per 100 acres or \$3,000 at \$16/cwt milk

Second Crop Green-up



With alphajoule™
BioStimulant

Without Treatment

AGROVIVE™

For More Information:

Contact Leon Herried at Advanced Forage Products

Phone: 608-317-3810

Email: leonherried47@gmail.com