

# Case Study: Seed Applied

alpha<sup>TM</sup>joule

Location: Cuba City, WI

Grant County

Planted: April 26, 2019 with forage oats,

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

Harvest Dates: First crop oatlage, June 30, 2019, second crop pure alfalfa, July 30, 2019

Comment: The photo below, taken on May 23, demonstrates the effect of alphajoule™ on these randomly selected plants. Note: both above and below ground seedling development benefits from the alphajoule treated seed. This seedling development advantage has carried forward through into the growing season. The chart below shows the second crop yield and quality benefits of alphajoule.

	Second Crop Results	Third Crop Results
<b>Yield at 15% Moisture</b>		
Without Treatment	1.71 T/A	-
With alphajoule	1.81 T/A	-
	+6%	-
<b>Crude Protein</b>		
Without Treatment	24.1%	-
With alphajoule	24.6%	-
	+2%	-
<b>TTNDFD*</b>		
Without Treatment	41.21	-
With alphajoule	42.18	-
	+2%	-
<b>Milk/Ton</b>		
Without Treatment	2,861 lbs	-
With alphajoule	2,774 lbs	-
	-3%	-
<b>Milk/Acre</b>		
Without Treatment	4,892 lbs	-
With alphajoule	5,021 lbs	-
	+3%	-
	12,900 lbs more milk per 100 acres or \$2,000 at \$16/ctw milk	

## Seedling Development Side-By-Side



Without Treatment

With alphajoule™  
BioStimulant

AGROVIVE™

\* TTNDFD = Total Tract 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.

## For More Information:

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