

# Case Study: Foliar Applied

alpha<sup>TM</sup>joule

Location: Coleman, WI

Oconto County

Planted: Spring 2018 with oats nurse crop

Alfalfa Variety: Nexgrow HarvXtra®

Harvest Dates: Third crop cut on July 31, 2019

Comment: alphajoule™ BioStimulant was applied to 20 acres of this aggressively managed large field on July 17. The field had been harvested on July 10. The results below demonstrate the effect of alphajoule on 14 days of growth. alphajoule was not applied to the 2019 first and second crops, only third crop on July 17 and fourth crop on August 8.

	Third Crop Results	Fourth Crop Results
<b>Yield at 15% Moisture</b>		
Without Treatment	1.06 T/A	-
With alphajoule	1.26 T/A	-
	+19%	-
<b>Crude Protein</b>		
Without Treatment	24.00%	-
With alphajoule	25.23%	-
	+5%	-
<b>TTNDFD*</b>		
Without Treatment	46.43	-
With alphajoule	47.01	-
	+12%	-
<b>Milk/Ton</b>		
Without Treatment	2,936 lbs	-
With alphajoule	2,991 lbs	-
	+2%	-
<b>Milk/Acre</b>		
Without Treatment	3,117 lbs	-
With alphajoule	3,769 lbs	-
	+21%	-
	65,000 lbs more milk per 100 acres or \$10,000 at \$16/cwt milk	

## Third Crop Harvest



AGROVIVE™

\* 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.

## For More Information:

Contact Leon Herried at Advanced Forage Products

Phone: 608-317-3810

Email: [leonherried47@gmail.com](mailto:leonherried47@gmail.com)

