

Case Study: Foliar Applied

alphaTMjoule

Location: Lena, WI

Oconto County

Planted: Spring 2018 with oats nurse crop

Alfalfa Variety: Nexgrow Roundup Ready®

Harvest Dates: Fourth crop cut on September 6, 2019

Comment: alphajoule™ BioStimulant was applied August 17, 2019 to the fourth crop regrowth. The chart below shows the impact of alphajoule on two plus weeks of late season alfalfa growth and harvest at the early bud stage.

	Fourth Crop Results
Yield at 15% Moisture	
Without Treatment	0.710 T/A
With alphajoule	0.793 T/A
Advantage	+12%
Crude Protein	
Without Treatment	30.28%
With alphajoule	30.42%
Advantage	=
TTNDFD*	
Without Treatment	54.43
With alphajoule	56.57
Advantage	+4%
Milk/Ton	
Without Treatment	3,215 lbs
With alphajoule	3,328 lbs
Advantage	+4%
Milk/Acre	
Without Treatment	2,285 lbs
With alphajoule	2,639 lbs
Advantage	+16%
alphajoule Foliar Applied Economic Impact	35,000 lbs more milk per 100 acres or \$5,600 at \$16/cwt milk

* 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.

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For More Information:

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