



# BECK'S

## AGROVANTAGE PRODUCTS SILAGE PLANT GROWTH REGULATOR STUDY

A 2021 trial showed the following results with an application of Intensify® at the V5 growth stage:

- Greater harvest tonnage
- Lower % NDF
- Greater % Starch
- Increased milk and beef production per acre

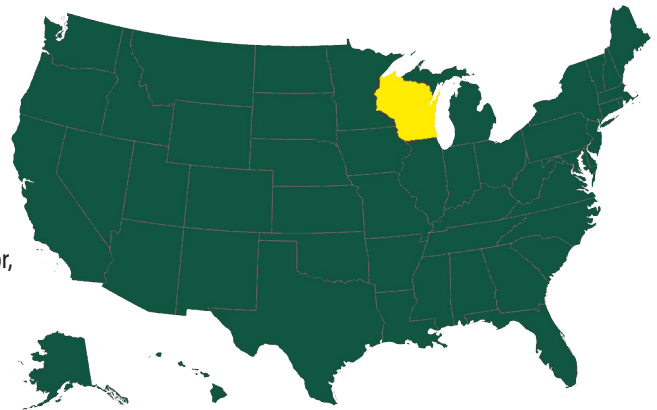
For complete details, see Beck's 2021 PFR Book.

### PURPOSE:

To evaluate Intensify®, a gibberellic acid- and auxin-based plant growth regulator, applied at the V5 growth stage, and its impact on tonnage and quality.

### PARTICIPATING SITES:

WI



### 2021 RESULTS

Treatments	% Moisture	Yield (Tons) at 65% Moisture/A.	Dry Matter Yield/A.	% NDF	NDFD 30 HR % of NDF	% Starch	Milk/Ton (LB.) (Milk 2006)	Milk/A. (LB./A.)	Beef/Ton (LB.)	Beef/A. (LB./A.)
Control	66.20	22.53	7.88	40.81	58.03	32.38	3,547	27,964	228.45	1,801
0.6 oz. Intensify® V5	63.30	25.25	8.84	38.53	59.17	36.13	3,584	31,671	238.37	2,106

These results are based on the disclosed study parameters and participating sites.

Gibberellic acid products like Intensify are often used to increase grass production, especially in cool growing conditions. While Intensify is labeled for both in-furrow and foliar use, PFR results showed that a V5 foliar application yielded more tonnage. Quality also improved with the increase in starch concentration and lower fiber content. It's interesting to note that the whole plant moisture was lower at harvest.

### STUDY INFORMATION:

**Planted** 5/12/2021 | **Harvested** 9/2/2021 | **Population** 32,000 Seeds/A. | **Row Width** 30 in. | **Previous Crop** Soybeans | **Tillage** Fall: Disk Rip, Spring: Field Cultivation | **Herbicides** Pre: 2 qt. Acuron® Post: 1 qt. Durango® DMA®, 0.5 oz. Armezon, 3 oz. Status® | **Insecticides** Escalate® | **Starter** 10 gal. 28-0-0 Pre-Emerge | **Total Nitrogen** 190 units as UAN | **Brand** 6256Q™ | **Soil Type** Matherton (Silt Loam)

**CONKLIN**® AgroVantage  
SYSTEM