



BECK'S

AGROVANTAGE PRODUCTS SILAGE PLANT GROWTH REGULATOR STUDY

A 2021 and 2022 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

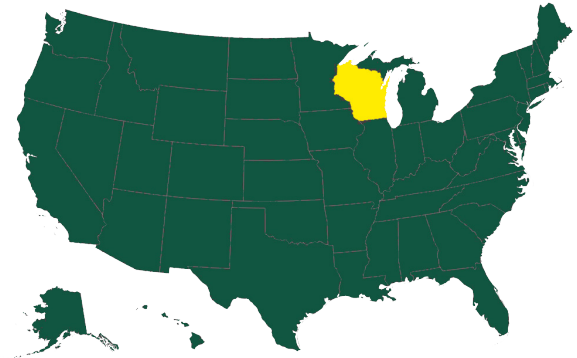
For complete details, see Beck's 2021 and 2022 PFR Book.

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.

2022 RESULTS

Brand	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.)	Net Return (\$/A.)
2 Hybrid Avg.	Control	70.89	18.97	6.64	46.32	62.05	23.88	3,085	20,478	242.49	1,610	\$4,010.83
	0.26 oz. Intensify® In-Furrow	70.80	19.48	6.78	43.31	62.73	27.49	2,245	22,125	255.36	1,741	\$4,359.95
	0.6 oz. Intensify® V5	70.89	18.59	6.51	44.32	62.00	27.07	3,174	22,569	243.09	1,587	4,053.65

2-YEAR SILAGE PLANT GROWTH REGULATOR NET RETURN & RETURN ON INVESTMENT



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