

## Foliar Applied Products on Soybean at Minot

Product*	Type of Product	Application Rate	Application Timing	Maturity Date	Plant Height	Protein %	Oil %	Test Weight lbs/bu	Yield	
									2015	2016
		per acre		Sept	inches	%	%	lbs/bu	-- bu/A	-----
Untreated	--	--	--	20	30	28.9	16.5	57.5	44.3	29.2
ATG Green Miracle fb	biologic	14 oz	V3							
ATG FF Pulse	biologic	51 oz	R3	20	27	29.7	16.6	57.3	--	27.6
ATG Green Miracle fb	biologic	14 oz	V3							
ATG Crop Booster + ATG FF Pulse	biologic	14 oz + 51 oz	R3	20	23	30.0	16.7	57.6	--	26.9
Kelpac fb	biologic	32 oz	V3							
Kelpac	biologic	32 oz	R1	21	22	29.2	16.7	57.5	--	29.7
Pathway Power Blend	biologic	32 oz	V3	21	30	29.7	16.2	57.4	--	36.4
Ascend PGR	hormone	6.4 oz	R3	21	28	30.4	16.2	57.8	49.3	28.8
Nachurs FB21 fb	fertilizer	32 oz	V3							
Nachurs Finish Line	fertilizer	32 oz	R1	21	28	29.6	16.3	57.1	--	29.2
Nachurs Finish Line	fertilizer	32 oz	V3	20	27	29.5	16.4	57.6	50.1	28.8
Nachurs Finish Line fb	fertilizer	32 oz	V3							
Nachurs Finish Line	fertilizer	32 oz	R1	21	27	28.8	16.4	57.6	--	30.2
Urea	fertilizer	100 lbs	V3	21	27	30.6	16.1	57.5	--	32.5
Urea	fertilizer	100 lbs	R1	22	35	29.1	16.3	57.0	52.7	39.7
Urea	fertilizer	100 lbs	R3	21	28	28.9	16.8	57.6	--	28.3
Trial Mean				20	28	29.5	16.4	57.5	49.4	30.7
C.V.%				5.0	12.6	3.8	2.8	0.8	8.9	7.3
LSD 5%				NS	5	NS	NS	NS	5.2	3.2
LSD 10%				1	4	NS	NS	NS	4.3	2.7

\*ATG Green Miracle, ATG FF Pulse and ATG Crop Booster are marketed by ASLE Technologies Group, Canada.

\*Kelpac is marketed by Gavilon Fertilizer, Moorhead, MN.

\*Pathway Power Blend is marketed by Pathway Biologic, LLC, Plant City, FL.

\*Ascend Plant Growth Regulator is marketed by WinField United, Minneapolis, MN.

\*Nachurs FB21 and Nachurs Finish Line are marketed by Nachurs Alpine Solutions, Marion, OH.

NS = no statistical difference between treatments.

Planting Date: June 7

Row Spacing: Solid Seeded (6" rows)

Harvest Date: October 16

Soil Type: Williams Loam

Note: Oil, protein, test weight and yield are adjusted to 13% moisture.

Variety: Asgrow AG0231

Previous Crop: 2014 = Soybean, 2015 = wheat

Tillage: Minimum Till