



CORN

Plant Nutrition and Plant Energy Management



ATG Products are designed to manage the energy flow in plants at the right growth stage to efficiently convert energy and nutrient inputs into healthier crops. Since higher yields and better feed quality are not always possible to achieve by adjusting the fertilizer plan alone, this is where our innovative, environmentally friendly technologies can help. As the result of our plant nutrition and energy management program, we see faster growth, early maturity, larger cob size with better fill, and ultimately higher yields.

ASLE conducts 3rd party trials with independent research institutions and innovative growers to study the efficacy of our products across different crops, soils, and climates. The results have shown consistent yield increases and healthier crops.

ATG products can be used either separately, or in combination, or with other foliar products.

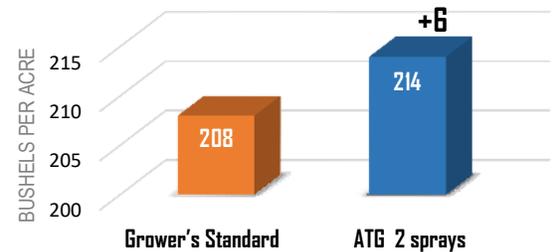
ASLE uses a variety of tools such as satellite image-based field scouting and field visits to help you gain the best understanding of what is happening in your fields during the growing season. Connect with our Product Advisors to learn more!

BENEFITS

Achieve higher yields while being environmentally friendly. Help promote better cob filling and size uniformity. Help crops remain healthier during stress periods.

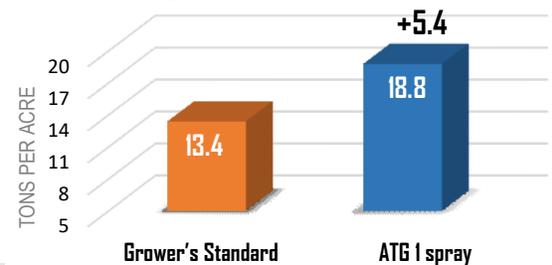
TRIALS DATA

Grain Corn | Plot Trial | Fargo ND, USA



2020 | Standard: 161-40-0. ATG: Standard + 2 sprays of ATG Energy Max & Crop Booster. Trial was conducted by KayJay Ag Services Inc.

Silage Corn | On-Farm | Lethbridge, AB



2019 | ATG: Standard + 1 spray of ATG NF Liquid Fertilizer, Energy Max & Crop Booster.

Feed analysis results - Lethbridge, AB 2019

	Standard	ATG	
Protein:	7.38	9.29	26% increase
RFV:	130	167	28% increase
ADF:	27.29	20.81	24% decrease
NDF:	48.47	40.57	16% decrease

RFV = Relative Feed Value; values higher than 100 are higher quality. ADF = Acid Detergent Fibre. This is the least digestible, highest fibre portion of the feed. Higher ADF levels are lower IN digestible energy than lower level feeds. NDF = Neutral Detergent Fibre. This is referred to as the cell walls of the feed. The higher the NDF value, the less forage the animals will be able to consume.

ATG NF Fertilizers

Nitrogen, phosphorus, potassium, and sulphur nutrient source fertilizers, available in various grades - granular for soil applications and liquid for foliar sprays. ATG NF Fertilizers are fully plant available nutrients, and high in organic carbon for improved soil health.

ATG Energy Max

Liquid product for foliar application only. Helps increase the photosynthetic efficiency and nutrient absorption by the plants, resulting in faster growth and improved tolerance to heat and moisture stress.

ATG Crop Booster

Liquid product for foliar application. Helps reduce peroxide stress in plants, stimulates early growth and increased branching, increases nutrient uptake, and helps restore soil quality when applied in seed rows.

Application rates and timings

ATG 10-5-3-6(S) liquid - foliar applications at V4 & V7 stages, 2-3 L (68-101 oz)/acre.

ATG Energy Max & ATG Crop Booster - foliar applications at V4 & V7 stages, 400 ml (13.5 oz)/acre.

ATG liquid products can be mixed with most of the commonly used herbicides, fungicides, or other types of foliar products. A jar test is recommended.

ATG 10-8-7 granular - can be used as a seed placement fertilizer (20-30 lb/acre), and/or as a supplement to your current fertilizer plan (up to 100 lb/ac).

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Individual results may vary, and performance may vary from location to location and from year to year. These results may not be an indicator of results you may obtain, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.