

FAQ



Q. What is Kainos Ag?

A. The entire Kainos Ag product line was developed with unique proprietary lipids, proteins, plant extracts, and plant-derived alcohols that are assembled in a variety of cohesive blends.

Q. What is the shelf life of each product?

A. Each product within the Kainos Ag line has a 12-month (about 1 year) shelf life.

Q. How do I store the products?

A. Keep Kainos Ag products stored in a cool, dry place.

Q. Can Kainos Ag products be mixed with chemical inputs?

A. Yes, all Kainos Ag products can be applied with most fertilizers, fungicides, herbicides, insecticides, and/or biologicals. Jar test is recommended.

Q. Are Kainos Ag products safe to use?

A. The entire Kainos Ag product line is developed with all plant-derived extracts and alcohols, making it non-toxic and 100% safe to use on your crops. See each product SDS for more information.

Q. Are Kainos Ag products Organic certified?

A. The Kainos Ag product line is currently pending Organic certification.



Q. What is Arche?

A. Arche is an all-natural and plant-based treatment for seed starting and germination in all types of soils.

Q. How does Arche work?

A. Arche works through scarification to decrease the time needed for consistent crop emergence. Starting fertilizer is not necessary when using Arche.

Q. How do I use Arche?

A. Arche can be applied during seed treating and in-furrow. For in-furrow, apply the recommended dosage amounts per acre. For seed treating, sprayed seeds need extra time to dry.

Q. What crops benefit from Arche?

A. Corn, Soybeans, Wheat.

Q. What is the application rate for Arche?

- A. Application Rate:
- 2 oz/ acre (Spray Seed Treatment)
 - 4 oz/acre (In-furrow)

Auxano

Q. What is Auxano?

A. Auxano is an all-natural and plant-based biological enhancer that improves photosynthesis and increases nutrient uptake for the plant.

Q. How does Auxano work?

A. Auxano increases the plant metabolic process within photosynthesis leading to improved nutrient uptake. This results in healthier plants with increased nutrient levels.

Q. How do I use Auxano?

A. Auxano is a foliar treatment and can be mixed and applied with most fertilizers, fungicides, herbicides, insecticides, and biologicals. A jar test is recommended.

Q. What is the recommended application time for Auxano?

A. Application time is based on crop. Please see our crop application guide for more information.

Q. What crops benefit from Auxano?

A. All, including Alfalfa, Berries, Corn, Melon, Oats, Peppers, Soybeans, Tomatoes, Wheat.

Q. What is the crop freeze point while using Auxano?

A. 25-26°F

Q. What is the application rate for Auxano?

A. Application Rate:

- 4-8 oz/acre

Disruptor

Q. What is Disruptor?

A. Disruptor is an all-natural, plant-based treatment that improves soil health, while gradually breaking down residual chemicals and organics while also rebuilding your soil.

Q. How does Disruptor work?

A. Disruptor works when soil temperatures reach 50°F (temperature when bacteria become active), which encourages the breakdown of organics including bean stubble, corn stalks, wheat stubble, and any other carbon source/organic.

Q. How do I use Disruptor?

A. Apply Disruptor based on the recommended dosage specific to your acreage.

Q. What crops benefit from Disruptor?

A. All, including Alfalfa, Berries, Corn, Melon, Oats, Peppers, Soybeans, Tomatoes, Wheat.

Q. What is the application rate for Disruptor?

A. Application Rate:

- 4-8 oz/acre (Based on organics)

**Q. What is Impel?**

A. Impel is an all-natural, plant-based product that accelerates composting, decreases odors, and invites necessary natural environmental hosts.

Q. How does Impel work?

A. Impel provides the energy needed to jumpstart decomposition that occurs by breaking down the already present micro and macronutrients. This makes the nutrients more readily accessible to the bacteria and fungi responsible for decomposition. Impel converts ammonia to usable nitrogen.

Q. How do I use Impel?

A. Impel is Ready to Use product, Add the required dosage amount based on the ratio 1 gallon Impel: 1,000 ft² to spray equipment.

Q. What is the application rate for Impel?

A. Application Rate:

- 1 gal/ 1,000 ft²

**Q. What is Mellifluent?**

A. Mellifluent is an all-natural, plant-based treatment that eliminates the amount of crusting and organic solids in lagoons/pits.

Q. How does Mellifluent work?

A. Mellifluent breaks down solids and crusting to 100 times smaller than the naturally occurring bacteria. It also decreases smells within 48 hours.

Q. How do I use Mellifluent?

A. Apply Mellifluent to your hog lagoon or pit. Mellifluent requires 90-180 days (about 6 months) of contact time. Release Mellifluent in equal amounts into the sides and center of the lagoon/pit.

Q. What is the application rate for Mellifluent?

A. The amount of application is based on the size of your lagoon/pit.

a. Application Rate:

- 2.5 gal/ 130,000 gal Pit Water
- 10 gal/ 1,300,000 gal Pit Water



Q. What is Akesos?

A. Akesos is an all-natural, plant-based tank treatment that removes chemical residuals within spraying equipment.

Q. How does Akesos work?

A. Akesos cleans excess fertilizers, herbicides, fungicides, and insecticides by breaking their molecular structure, making them water soluble. Akesos uses natural nanoscale micelles.

Q. How do I use Akesos?

A. First, flush your tank with water. Then fill tank with fresh water and add Akesos. Agitate accordingly for a minimum of 20 minutes, maximum of 2 hours. Drain/Spray the liquid, removing the solution from the tank.

Q. What is the application rate for Akesos?

A. 8oz/ 100-300 gal