



New

Bio Algae™

Soil Microbe Activator

Diamond K Bio Algae™ is a marine-derived microalgae that reactivates and serves as a super food for dormant microbes and fungi. It's been proven to increase microbiome activity by up to 33%. A thriving microbiome powers early-season growth by feeding emerging roots and shaping stronger root system architecture.

Formulated for all soil types, row crops and premium crops, Bio Algae is a complete superior food source for the microbiome. Engineered for easy mixing with other liquid agricultural inputs. Pasteurized and shelf-stable for up to 24 months.

CONTACT INFORMATION

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IMPROVES SOIL BIOLOGY: Up to 33% increase in microbial activity in all soils. Feeds diverse range of beneficial microbes and fungi with microalgae superfood.



INCREASES ROOT MASS: Increased microbe populations produce phytohormone-like compounds, acids and enzymes to promote root elongation and branching.



IMPROVES NUTRIENT MINING: Microbes solubilize tied up nutrients (phosphorus, micronutrients, ammonium, sulfur) already present in the soil profile.



ENHANCES NITROGEN EFFICIENCY: Microbes increase nitrogen cycling and reduce nutrient loss pathways such as leaching and volatilization.



VERSATILE FIELD APPLICATION: Apply around planting, in-furrow, post-emergence or side dress to improve soil health and water retention.



SAVES WATER: Increases water holding capacity up to 10%.

Diamond K Bio Algae™ — Soil Microbe Activator

A SUPERIOR FOOD SOURCE FOR BACTERIA & FUNGI

Protein	Lipids	Carbs	Ash	Total
24g per L	21g per L	44g per L	3g per L	92g per L

**Not a Biological.
Not a Fertilizer.
Not a Synthetic.**



COMPARED TO:

Molasses				
Protein	Lipids	Carbs	Ash	Total Food
4g per L	0.8g per L	60g per L	10g per L	74g per L

Humic Acid				
Protein	Lipids	Carbs	Ash	Total Food
1g per L	0.12g per L	2g per L	4g per L	7g per L

Seaweeds				
Protein	Lipids	Carbs	Ash	Total Food
1g per L	0.5g per L	15g per L	15g per L	32g per L

Fulvic Acid				
Protein	Lipids	Carbs	Ash	Total Food
0g per L	0.03g per L	2g per L	5g per L	7g per L

Soil Amendment

Diamond K Bio Algae™ is a proprietary whole-cell pasteurized liquid product containing algal-based solids produced from microalgae. Bio Algae provides organic matter to the soil and improves soil health and aggregation.

Guaranteed Analysis

Soil Amending Ingredients/Non-Plant Food Ingredients

Organic Matter Derived from Algae..... 9.0%
Total Other Ingredients/Inert Matter..... 91.0%

Directions for Use

Always read and follow label directions.

MIX OR AGITATE THOROUGHLY BEFORE USE.

Bio Algae fully mixes in water and is suitable for use in irrigation/fertigation and soil applied.

SOIL APPLICATION

1 pint to 1 gallon per acre per application in a minimum of 5 gallons of finished solution.

PRE-PLANT Broadcast

AT PLANT In-furrow, 2x2, T-banded, direct spray to seedbed.

POST-PLANT Fertigation, drip irrigation, side dress or direct spray onto beds. Supply tanks and spray tanks should have agitation.

POST-HARVEST RESIDUE

Apply 1-2 qt/ac to post-harvest crop stubble.

USAGE & STORAGE:

For best results, it is recommended to keep this product in its original packaging until use. For multiple use, the container should be sealed properly after each use and stored in a dry cool place. Avoid spillage as product may create a slip hazard.

CONTAINER SIZES



2 x 2.5 gallon jug/case



250 gallon tote

Frequently Asked Questions

How does it work? Diamond K Bio Algae supplies a diverse range of organic compounds: amino acids, carbohydrates, and organic acids, that serve as a food source to reactivate beneficial bacteria and fungi. It is highly bioavailable and has a diverse carbon profile compared to simple sugars or other humic substances.

What are the benefits of feeding the biome?

Well fed microbes create a unique mode-of-action that optimizes NPK availability, supports crops through abiotic stress and improves soil aggregation.

Why is it important to feed the biome? Nearly 75% of native microbes and fungi are dormant. Modern agricultural practices reduce the food (carbon) that is available to them. As a result, starving microbes and fungi go dormant as a survival mechanism.

Can I mix Diamond K Bio Algae with my current crop inputs? Diamond K Bio Algae is a pasteurized, non-living product. It is shelf-stable and mixes well with a variety of inputs such as CAN-17 and UN-32. Ask your crop advisor for a jar test.

What are microalgae? Microalgae is a single-celled algae that converts sunlight, water and

carbon dioxide into a superior food source for the microbiome. Microalgae contain a balance of carbon, carbohydrates, lipids, and proteins.

How and when do I apply Diamond K Bio Algae? It can be applied pre-plant, in-furrow, post-emergence, side-dressed or post-harvest for residue management. Bio Algae can also be applied via fertilization systems along with soil wetting agents.

On which crops? Ideal for broad acre, trees and vines, feed crops and premium annual crops.

