



Rooted Elements™
CROP CHARGE

(0-0-2) FERTILIZER ADDITIVE

NEW PRODUCT for 2026

About Crop Charge

Crop Charge is a concentrated carbon and microbial energy source designed to stimulate soil biology and improve nutrient efficiency. It contains a blend of simple and complex sugars, 17 L-amino acids, and a biodegradable sequestering agent. The simple sugars provide an immediate food source for beneficial microbes, while the complex sugars act as a moisture-retaining, slow-release carbon source that mimics root exudates. The biodegradable sequestering agent helps keep nutrients in solution and in the root zone, supporting steady nutrient release.

Benefits of Crop Charge

TO THE SOIL:

- Provides readily available carbon and amino acids as food for native and applied microbial populations, which drive nutrient cycling.
- Improves soil conditions and unlocks nutrients that may be tied up by supplying organic acids that help solubilize phosphorus, potassium, and micronutrients.
- The biodegradable sequestering agent encapsulates and retains nutrients in the root zone, helping keep both negatively and positively charged nutrients associated with soil particles for gradual plant uptake.
- Improves the soil's ability to retain moisture, keeping more water around the root system between rainfall or irrigation events.
- Helps reduce nutrient leaching and runoff by slowing movement of soluble nutrients out of the rooting zone, keeping more of what you apply available to the crop.



GUARANTEED ANALYSIS

Soluble Potash (K ₂ O).....	2.0%
Sulfur (S).....	1.0%

Derived from: potassium thiosulfate.

TO THE PLANT:

- Enhances nutrient uptake and use efficiency by maintaining a more consistent supply of soluble nutrients near active roots.
- Supports early root development by feeding beneficial microbes that colonize the rhizosphere.
- L-amino acids and sugars help maintain overall plant vigor, contributing to stronger and better developed root and shoot systems.
- By supporting an active microbial community and more stable soil moisture, Crop Charge helps crops tolerate drought, heat, and other stress conditions more effectively.
- A more active, diverse rhizosphere supports the plant's natural defense and recovery processes throughout the growing season.

Application Instructions

Row Crops (corn, soybean, etc.): Apply 8 to 12 oz. per acre in furrow, as side-dress (with or without fertilizer) or on/near planting surface. Foliar-apply as needed at a rate of 4-6 oz. per acre every 30-45 days.

Alfalfa: Soil apply 8 to 12 oz. per acre at or near dormancy break. Foliar apply 4 to 8 oz. per acre 7-10 days after each cutting.

Small Grains: Soil apply 16 oz. per acre at planting or near dormancy-break. Foliar apply 8 to 16 oz. per acre, as needed.

DO NOT EXCEED 8 OZ. PER ACRE WHEN APPLYING WITH SELECTIVE HERBICIDES.