



PUT YOUR CROP ON THE FAST
TRACK TO HIGHER YIELDS

UPSHIFT® C+K PRO

CONCENTRATED STARTER SYSTEM



Ether Enzymes with Water-Soluble Fertilizer

Upshift® C+K Pro is a concentrated starter system powered by Ether™ Enzyme Technology that increases phosphate and potash availability, improves nutrient and water availability and boosts plant growth, while maximizing microbial activity and supporting abiotic stress tolerance. Active, chelated Zinc improves the P:Zn ratio, enhancing enzymatic metabolic reactions in all crops.

Ether's mannanase enzyme releases sugars from polysaccharide chains while the phosphatase enzyme releases phosphorus from organic phosphate sources in the soil. Glucose Oxidase may aid in the breakdown of soil-organic matter.

This product is designed for dissolving in water and applying through fertilizing equipment into actively growing root zones, or injected near the seed during planting. It is ideal for use as a starter or sidedress fertilizer applied directly to the soil or in-furrow

AGRONOMIC BENEFITS

Glucose Oxidase Enzymes: drives natural soil chemistry and biological activity, which enhances nutrient availability, boosts root development, supports mineral chelation, and naturally lowers the pH in the root zone

Mannanase Enzymes: break down starches that surround the outermost layer of the root tip. This chemical reaction increases the flow of water and nutrients to the root zone and sugars in the plant. This in turn boosts root growth and increases microbial activity.

Phosphatase Enzymes: release phosphate from organic phosphate sources in the soil, which increases nutrient availability and uptake.

PRODUCT BENEFITS

- Increases availability of phosphate and potash
- Activates enzyme metabolic performance
- Inclusion of Zinc in furrow at an equivalent of 1 qt of Liquid Zinc
- Ensures proper germination and early seedling vigor
- Increases nutrient availability and uptake by roots, boosting root growth and plant growth
- Protection from early season abiotic stresses
- Ether Enzyme Technology kick-starts the uptake of available soil nutrients and water, while maximizing microbial activity.

GUARANTEED ANALYSIS

9-40-16

Total Nitrogen	9.00%
7.90% Ammoniacal Nitrogen	
1.10% Ammoniacal Nitrogen	
Available Phosphate (P ₂ O ₅)	40.00%
Soluble Potash (K ₂ O)	16.00%
Sulfur (S)	3.32%
Zinc (Zn)	0.11%
0.11% Chelated Zinc	

Derived from monoammonium phosphate, potassium nitrate, potassium sulfate, potassium chloride, zinc EDTA, trimethylglycine, and proline.

ALSO CONTAINS BENEFICIAL SUBSTANCES

Glucose Oxidase	5.0 x 10 ⁴ µUnits/g
Mannanase	2.2 x 10 ⁶ µUnits/g
Phosphatase	5.0 x 10 ² µUnits/g

U.S. Patent Nos. 11,124,460; 12,351,532; 12,351,533

DIRECTIONS FOR USE

Upshift C+K Pro is recommended for multiple crops. See label for more details.

RECOMMENDED USE RATES

USE	RATE
Starter or side-dress fertilizer	Use minimum of 2.5 lb/acre at planting, dissolved in adequate water. For best use, mix 0.5 lb concentrate/gal of water. DO NOT exceed 2 lb Upsift C+K Pro per gallon of water. Repeat as needed.
Replacement for 10-34-0 starter fertilizer	For every 1 gal of 10-34-0 fertilizer, replace with 0.5 lb of Upsift C+K Pro dissolved into 1 gal of water
Foliar Application	Use at rates between 1 to 4 lb/acre

A maximum of 2 lb Upsift C+K Pro can be dissolved per gallon. However, longer mix times are required and this is only recommended for users that have heated water and strong agitation.

May be run through irrigation systems.

PRODUCT DETAILS

50 lb bag (40 bags per pallet) or 2,000 lb super sack