



PUT YOUR CROP ON THE FAST TRACK TO HIGHER YIELDS

# UPSHIFT® C+K

CONCENTRATED STARTER SYSTEM



## Enzyme with Water Soluble Fertilizer

UPSHIFT® C+K powered by ETHER™ Enzyme Technology is a concentrated starter system that increases phosphate and potash availability, increases nutrient and water availability and boosts plant growth, while maximizing microbial activity.

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's low salt index makes it ideal for use as a starter or sidedress fertilizer, applied directly to the soil.

**ETHER Enzyme Technology** is designed to kick start the uptake of available soil nutrients and water, while maximizing microbial activity.

## ETHER™ AGRONOMIC BENEFITS

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

**Mannanase:** 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.

## PRODUCT BENEFITS

- Supports germination and early vigor
- Aids in microbial activity
- Boosts root growth and improves drought resistance
- Increases nutrient availability and uptake
- Helps maintain overall plant health
- Dramatically decreases starter fertilizer costs

### GUARANTEED ANALYSIS

9-39-16 3S

Total Nitrogen .....	9.0%
8.0% Ammoniacal Nitrogen	
1.0% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	39.0%
Soluble Potash (K <sub>2</sub> O).....	15.0%
Sulfur (S) .....	3.0%
<i>Derived from monoammonium phosphate, potassium nitrate, potassium sulfate and muriate of potash.</i>	

### ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

Phosphatase.....	5.0 x 10 <sup>2</sup> µUnits/g
Mannanase .....	2.2 x 10 <sup>6</sup> µUnits/g

## DIRECTIONS FOR USE

UPSHIFT C+K is recommended for multiple crops.

## RECOMMENDED USE RATE

**Starter or side-dress fertilizer:** Use minimum of 2.5 lb/acre at planting, dissolved in warm water

For best use, mix 0.5 lb concentrate/gal of water. DO NOT exceed 1 lb UPSHIFT C+K per gallon of water. Repeat as needed. UPSHIFT C + K must be dissolved in water before mixing with other liquid fertilizers such as UAN, ATS and 10-34-0.

*May be run through irrigation systems.*

## PRODUCT AVAILABILITY

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

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