



PUT YOUR CROP ON THE FAST  
TRACK TO HIGHER YIELDS

# UPSHIFT® C PRO

CONCENTRATED STARTER SYSTEM



## Enzymes with Water-Soluble Fertilizer

Upshift® C Pro is a concentrated fertilizer powered by Ether™ Enzyme Technology that boosts nutrient availability while supporting early-season plant establishment and assisting with abiotic stress tolerance. The inclusion of active, chelated Zinc improves P:Zn ratio for better enzyme metabolic reaction 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. Oxidase breaks down soil-organic matter, activating the rhizosphere.

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 has a low salt index, so 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

- Activates enzyme metabolic performance with inclusion of Zinc
- Inclusion of Zinc in-furrow at an equivalent of 1 pint 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
- Acidifier for foliar application to lower pH and enhance effectiveness of pesticides and fungicides
- Ether Enzyme Technology kick starts the uptake of available soil nutrients and water, while maximizing microbial activity.

## GUARANTEED ANALYSIS

**11-56-0**

Total Nitrogen .....	11.00%
11.00% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	56.00%
Zinc (Zn).....	0.30%
0.30% Chelated Zinc	

*Derived from monoammonium phosphate, proline, trimethylglycine, and zinc EDTA.*

## ALSO CONTAINS BENEFICIAL SUBSTANCES

Glucose Oxidase.....	5.0 x 10 <sup>4</sup> µUnits/g
Mannanase .....	2.2 x 10 <sup>6</sup> µUnits/g
Phosphatase.....	5.0 x 10 <sup>2</sup> µUnits/g

## DIRECTIONS FOR USE

Upshift C Plus is recommended for multiple crops.

## RECOMMENDED 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 Upshift C Pro per gallon of water. Repeat as needed.

**Direct Replacement for 10-34-0 starter fertilizer:** For every 1 gallon of 10-34-0 fertilizer, replace with 0.5 lb of Upshift C Pro dissolved into 1 gallon of water.

**Foliar Application:** Use at rates between 1 to 4 lb/acre

**Use as a pH Buffer:** To use as a pH buffer for fungicides and herbicides, mix 0.5 lb per 100-gal water (results may vary based off water source pH).

A maximum of 2 lb Upshift C Plus 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

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