

UPSHIFT[®] C PRO

CONCENTRATED STARTER SYSTEM



Ether 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. Glucose 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.

PRODUCT BENEFITS

- Full replacement for traditional high salt liquid starters
- Activates enzyme metabolic performance
- Inclusion of Zinc in-furrow at an equivalent of 1 quart 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 maximizes microbial activity
- Now labeled for foliar application and use as a pH buffer
- Ultra low salt that is safe on seed and soil microbes

GUARANTEED ANALYSIS

11-56-0

Total Nitrogen	11.00%
11.00% Ammoniacal Nitrogen	
Available Phosphate (P ₂ O ₅)	56.00%
Zinc (Zn)	0.30%
0.30% Chelated Zinc	

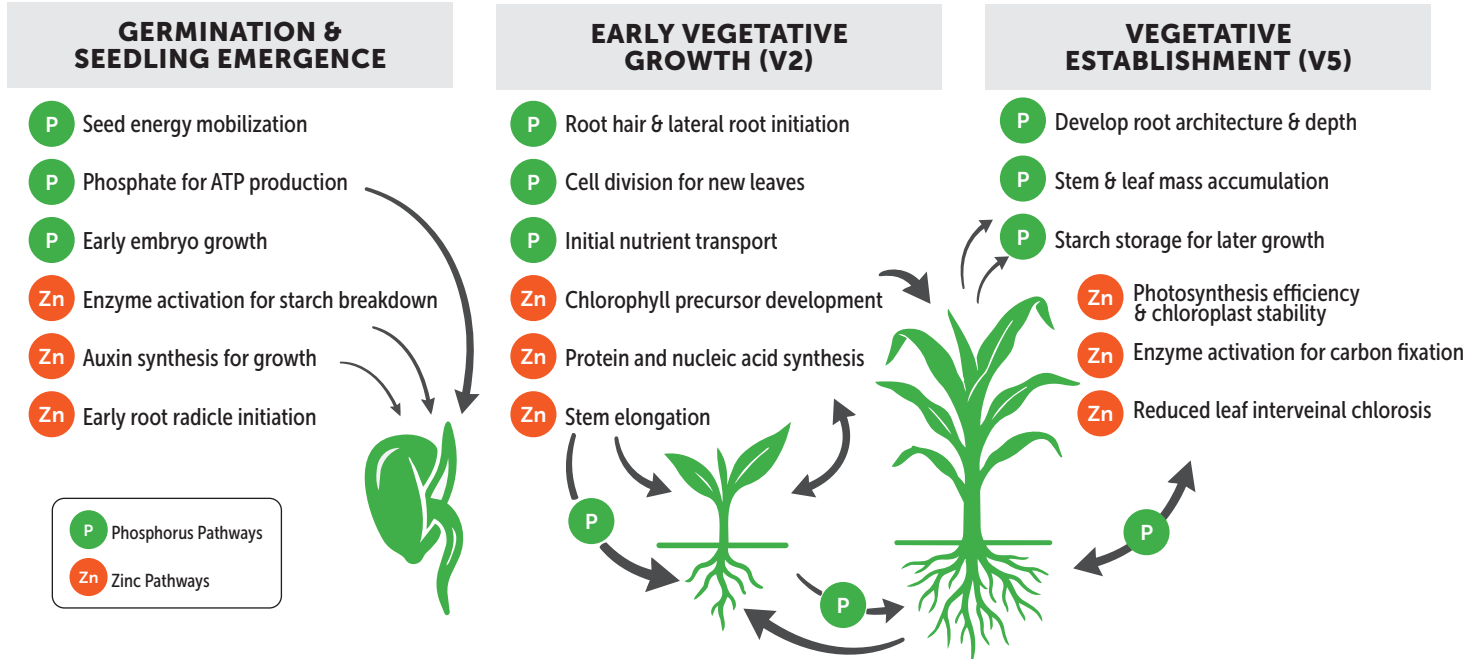
Derived from monoammonium phosphate, proline, trimethylglycine, and zinc EDTA.

ALSO CONTAINS BENEFICIAL SUBSTANCES

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

MERISTEM
CROP PERFORMANCE

MORE BUSHEL FOR LESS.



ETHER TRI-ENZYME SYSTEM

MANNANASE | PHOSPHATASE | GLUCOSE OXIDASE

Ether Enzyme Technology protects enzymes by keeping them from degrading too quickly in the soil after application, thus increasing enzyme efficacy and leading to improved soil and plant health.

1. MANNANASE



Build Bigger Roots

Creates a stronger root system that captures more water & nutrients

- Improves root penetration & architecture
- Increases nutrient flow to the root
- Supports early vigor & stand establishment

2. PHOSPHATASE



Unlock More Nutrients

Makes more phosphorus and key micronutrients plant-available

- Releases tied up phosphorus
- Solubilizes micronutrients like Zn, Fe & Mn
- Improves nutrient uptake efficiency

3. GLUCOSE OXIDASE



More Biological Activity

Activates beneficial biology to keep nutrients cycling all season.

- Stimulates microbial activity
- Enhances mineralization
- Improves nutrient-use efficiency

KEEP BIOLOGICALS ALIVE

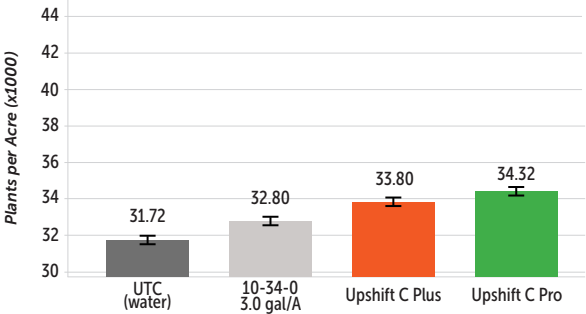
With a salt index of 4, Upshift® C Pro unlocks nutrients and is a direct replacement for traditional starters that are high salt and kill biologicals.



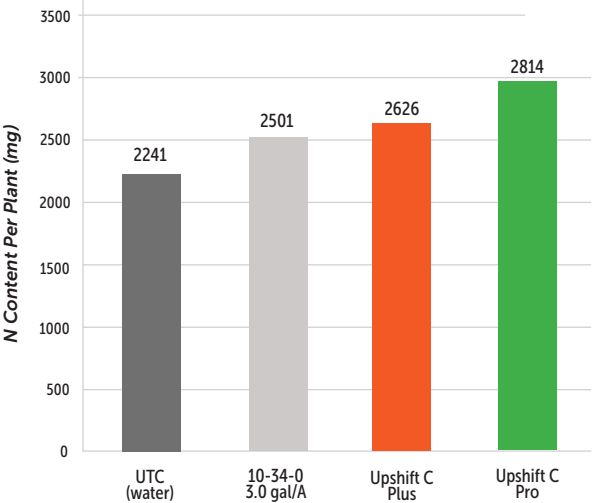
2026 REPLICATED TRIAL RESULTS

A 2026 replicated field corn trial compared Upshift C Pro with conventional in-furrow starter fertilizer programs. Upshift C Pro delivered faster emergence, improved stand establishment, and significantly greater nitrogen and phosphorus uptake by the V5 growth stage, demonstrating more efficient early-season nutrient utilization.

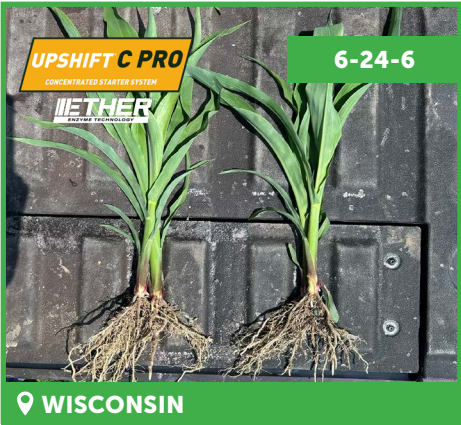
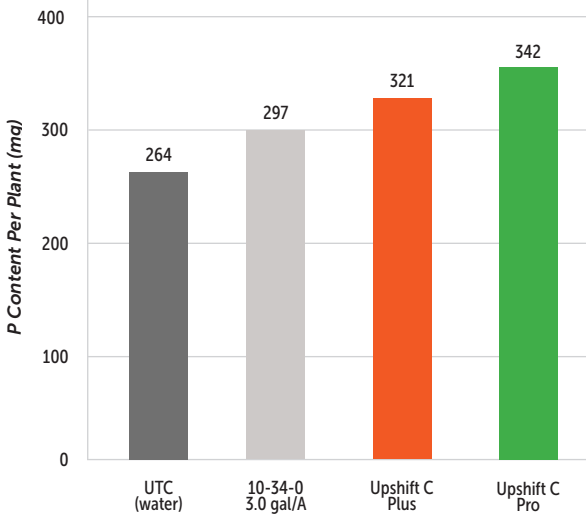
Emergence at VE+5



Nitrogen Uptake Per Plant



Phosphorus Uptake Per Plant



THE POWER OF NOT SHIPPING WATER

Traditional starter fertilizers require growers to pay for and transport water. Upshift® C Pro is a concentrated dry formulation mixed on-farm, reducing freight costs while delivering more nutrition per load. Plus, it provides greater phosphorus uptake by V3 and a lower cost per acre compared to traditional liquid starter fertilizers.

RECOMMENDED USE RATES



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

For best use, use 0.5 lb concentrate/gal of water. DO NOT exceed 2 lb Upshift C Pro per gallon of water.



Direct Replacement for 10-34-0 starter fertilizer: Replace each gallon of 10-34-0 fertilizer with 0.5 lb of Upshift® C Pro dissolved in 1 gallon of water.

To replace 1 gallon of 10-34-0 fertilizer: Dissolve 0.5lb of Upshift® C Pro concentrate in 1 gallon of water. Apply finished solution at same application rate as 10-34-0.



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).

TAKE COST OUT WITH UPSHIFT C PRO + ETHER

STARTER TYPE	RATE	% OF P IN PLANT @ V3	COST/AC
Hi-Cost Clear	5 gal + 1qt Zn	0.4%	\$45/ac
10-34-0 type	5 gal + 1qt Zn	0.5%	\$26/ac
6-24-6 type	5 gal + 1qt Zn	0.5%	\$30/ac
Upshift C Pro	2.5 lb in 5 gal (includes 1qt of Zn)	0.8%	\$19/ac

