



Water-Soluble Fertilizer with Enzymes

PRODUCT DESCRIPTION

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 applied through fertilizing equipment, injected into irrigation systems 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.

Upshift C Pro is recommended for use on, but not limited to, vegetable and row crops, deciduous fruit and nut trees, citrus, avocados, vine and berry crops, pasture and range grasses and most other crops.

DIRECTIONS FOR USE

Compatibility: Upshift C Pro may be applied separately or in conjunction with most other fertilizers. When mixing Upshift C Pro with other fertilizers or products, completely dissolve the recommended amount of Upshift C Pro into the appropriate amount of water prior to mixing with other products. A compatibility test is recommended if the desired combination has not been previously used.

DO NOT use this product with ammonium thiosulfate, potassium thiosulfate or other high pH or high free-ammonia products.

DO NOT mix with non-EDTA chelated micronutrients.

Mixing: Dissolve the recommended amount of Upshift C Pro into approximately one half the required water. Slowly add the remaining water while maintaining constant agitation. Water quality and temperature will determine maximum solubility. Warmer water temperatures increase solubility and shorten dissolving time. As this product goes into solution, the water temperature will drop. Therefore it is important when preparing concentrated solutions to allow for this temperature drop to insure that the fertilizer is completely dissolved.

It is recommended to remove any in-line filters from mixing systems to prevent blockage before the product is fully dissolved.

RATE RECOMMENDATIONS

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: Can be used for foliar applications 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).

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>

Information about the components of this lot of fertilizer may be obtained by writing

11-56-0

GUARANTEED ANALYSIS

Total Nitrogen (N).....	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

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



**KEEP OUT OF REACH OF CHILDREN
WARNING**

to Meristem Crop Performance Group, LLC and giving the lot number which is found on the bag/label.

PRECAUTIONARY STATEMENTS

Causes serious eye irritation. Causes skin irritation. Wash skin thoroughly after handling. Wear eye protection/face protection.

FIRST AID: *If in eyes:* Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in a well-ventilated place. Keep container tightly closed. Best stored in an enclosed building capable of maintaining temperature below 110°F.

Dispose of contents/container in accordance with local, state, and federal regulations.

⚠ WARNING: Cancer and Reproductive Harm-www.P65Warnings.ca.gov

LIMITED WARRANTY: Meristem Crop Performance® Group, LLC ("MCPG") warrants that the Product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. MCPG and Seller make no other warranties, express or implied, including warranty of merchantability or fitness for a particular purpose. Buyer and User accept all risks arising from any use of this Product. To the extent allowed by law, MCPG and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.

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Expiration Date: MM/DD/YYYY

Net Weight: 50 lb (22.6 kg)

LOT #:



Manufactured for and Guaranteed by:
Meristem Crop Performance Group, LLC.
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Customer Service: 833-637-4783
24-hour emergency, CHEMTREC: 800-424-9300