



Enzyme with Water Soluble Fertilizer

GENERAL INFORMATION

The phosphatase enzyme contained in UPSHIFT™ C powered by ETHER™ Enzyme Technology releases phosphate from organic phosphate sources in the soil. The mannanase enzyme releases sugars from polysaccharide chains.

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 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 may be applied separately or in conjunction with most other fertilizers. 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. When mixing with UAN solutions, add one gallon of water for every one gallon of UAN solution and blend well before adding UPSHIFT C to insure complete and thorough mixing.

Mixing: Dissolve the recommended amount of UPSHIFT C 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.

RATE RECOMMENDATIONS

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 2 lb UPSHIFT C per gallon of water. Repeat as needed.

Direct Replacement for 10-34-0 starter fertilizer:

For every 1 gallon of 10-34-0 fertilizers, replace with 0.5 lbs of UPSHIFT C dissolved into 1 gallon of water.

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

GUARANTEED ANALYSIS 12-58-0

Total Nitrogen (N).....	12.0%
12.0% Ammoniacal nitrogen	
Available Phosphate (P ₂ O ₅).....	58.0%
<i>Derived from monoammonium phosphate.</i>	

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

Phosphatase	5.0 x 10 ² μUnits/g
Mannanase	2.2 x 10 ⁶ μUnits/g

Information about the components of this lot of fertilizer may be obtained by writing to Meristem Crop Performance Group, LLC and giving the lot number which is found on the bag/label.

PRECAUTIONARY STATEMENTS

Based on currently available data, this product is not classified as a hazardous substance. However, observe good industrial hygiene practices. Wash hands after handling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Store away from incompatible materials. Store away from heat, direct sunlight and incompatible materials. Best stored in an enclosed building capable of maintaining temperature below 110°F. Follow first in, first out inventory management practices. Dispose of contents/container in accordance with local regulations

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

LIMITED WARRANTY: Meristem Crop Performance® Group, LLC 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. Meristem Crop Performance® Group, LLC 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, Meristem Crop Performance® Group, LLC 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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Manufactured for and Guaranteed By:
Meristem Crop Performance® Group, LLC
489 Village Park Drive
Powell, OH 43065
Customer Service: 833-637-4783
24 hour emergency number
National Capital Poison Center: 800-222-1222

Expiration Date: MM/DD/YYYY

Net Weight: 50 lb (22.6 kg)

LOT #:

KEEP OUT OF THE REACH OF CHILDREN