

UPSHIFT[®] C+K PRO

CONCENTRATED STARTER SYSTEM



Water-Soluble Fertilizer with Enzymes

PRODUCT DESCRIPTION

Upshift[®] C+K 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 may aid in the breakdown of soil-organic matter.

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.

Upshift C+K 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+K Pro may be applied separately or in conjunction with most other fertilizers. When mixing Upshift C+K Pro with other fertilizers or products, completely dissolve the recommended amount of Upshift C+K 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+K 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 ensure 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+K 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+K Pro dissolved into 1 gallon of water.

Foliar Application: Can be used for foliar applications at rates between 1 to 2 lb/acre. 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 to Meristem Crop Performance Group, LLC and giving the lot number which is found on the bag/label.

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, CHEMTREC: 800-424-9300

9-40-16

GUARANTEED ANALYSIS

Total Nitrogen (N).....	9.00%
7.90% Ammoniacal Nitrogen	
1.10% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	40.00%
Soluble Potash (K ₂ O)	16.00%
Sulfur (S)	3.32%
Zinc (Zn).....	0.11%
0.11% Chelated Zinc	

Derived from monoammonium phosphate, potassium nitrate, potassium sulfate, potassium chloride, zinc EDTA, trimethylglycine, and proline.

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

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 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, 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 #:

