

UPZYME KICKSTART

Water Soluble Fertilizer with Enzymes

This product is designed for dissolving in water and applying as starter fertilizer near the seed during planting or with fertilizing equipment into actively growing root zones. It has a low salt index, so it is ideal for use as a starter fertilizer.

UpZyme KickStart combines two enzymes specifically identified to increase phosphate availability, increase nutrient and water availability, boost plant growth, while maximizing microbial activity.

Key Benefits

- Promote early vigor and germination.
- Supports healthier root growth.
- Increase microbial activity.
- Enhance nutrient uptake and availability.
- Phosphatase enzymes release phosphate from organic phosphate sources in the soil, which increases nutrient availability and uptake.
- Mannanase enzymes break down starches that surround the outermost layer of the root tip. A chemical reaction increases the flow of water and nutrients to the root zone. This in turn boosts root growth and increases microbial activity.

Directions for Use

Replacement for liquid starter fertilizer: For every 1 gallon of liquid fertilizer, replace with .5 lbs of UpZyme KickStart dissolved into 1 gallon of water. A maximum of 2 lbs of UpZyme KickStart can be dissolved per gallon. However, longer mix times and agitation are required.

Use Rate:
Row crops: For starter and side- dress applications apply 2.5 lbs per acre dissolved in adequate water.
Recommended ratio of 1.5 lbs of UpZyme KickStart dissolved into 1 gallon of water.

May be run through irrigation systems.

Packaging:
Sold in a 50 lb bag, 40 bags per pallet or a 2,000 lb super sack.

Recommended Crops

Multiple Crops

Base Ingredients

Guaranteed Analysis 9-39-16 3S

Total Nitrogen (N).....9.0%
8.00% Ammoniacal nitrogen
1.00% Nitrate nitrogen

Available Phosphate (P_2O_5) 39.0%
Soluble Potash (K_2O) 16.0%
Sulfur (S) 3.0%

Derived from monoammonium phosphate, potassium nitrate, potassium sulfate and muriate of potash.

Also Contains Non-Plant Food Ingredients

Phosphatase .....$5.0x10^2$ µUnits/g
Mannanase .....2.2 x 106 µUnits/g

To learn more or to find an Evolve dealer near you, contact us today at info@evolveagllc.com

EVOLVE CROP SYSTEMS

UpZyme

KICKSTART

KICKSTART

GENERAL INFORMATION

The phosphatase enzyme contained in UpZyme KickStart with 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.

UpZyme KickStart 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.

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 UpZyme KickStart per gallon of water. Repeat as needed.

Direct replacement for in-furrow starter fertilizer: For every 1 gallon of in-furrow fertilizers, replace with 0.5 lbs of UpZyme KickStart dissolved into 1 gallon of water.

DIRECTIONS FOR USE

Compatibility: UpZyme KickStart be applied separately or in conjunction with most other fertilizers. When mixing UpZyme KickStart with other fertilizers or products, completely dissolve the recommended amount of UpZyme KickStart 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.

Mixing: Dissolve the recommended amount of UpZyme KickStart 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.

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.

GUARANTEED ANALYSIS 9-39-16 3S

Total Nitrogen (N)	9.00%
8.00% Ammoniacal nitrogen	
1.00% Nitrate nitrogen	
Available Phosphate (P_2O_5)	39.00%
Soluble Potash (K_2O)	16.00%
Sulfur (S)	3.00%

Derived from monoammonium phosphate, potassium nitrate, potassium sulfate and muriate of potash.

Also Contains Non-Plant Food Ingredients

Phosphatase	5.0×10^2 µUnits/g
Mannanase	2.2×10^6 µUnits/g

US Patent No. 11,124,460 & patents pending. CA patent pending.



WARNING: Harmful in contact with skin. Suspected of damaging the unborn child.

FIRST AID

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

LIMITED WARRANTY: Streamline Ag 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. Streamline Ag 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, Streamline Ag 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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KEEP OUT OF THE REACH OF CHILDREN

Manufactured for and Guaranteed By:
Streamline Ag | Seed-Driven Crop Inputs
1015 N 205th Street
Elkhorn, NE 68022
Customer Service: 888-874-0721
24hr emergency number - National Capital Poison Center: 800-222-1222

Streamline Ag

Expiration Date:
Lot #:

Net Weight: 50 lb (22.6 kg)

09/25