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.

Features & 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 0.5 lbs of UpZyme KickStart dissolved into 1 gallon of water. A maximum of 2 lbs 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 .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 ..... 5.0×10^2 µUnits/g
Mannanase ..... 2.2×10^6 µUnits/g

Streamline Ag