



Water Soluble Fertilizer with Enzymes

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

This product is designed for dissolving in water and applying through fertilizing equipment 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.

Mannanase and Phosphatase designed to kick start the uptake of available soil nutrients and water, while maximizing microbial activity.

Features & Benefits



Supports germination and early vigor



Aids in microbial activity



Boosts root growth



Increases nutrient availability and uptake



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.

Recommended Crops

Multiple crops

Base Ingredients

Guaranteed Analysis 12-58-0

Total Nitrogen (N).....12.0%

12.00% Ammoniacal nitrogen

Available Phosphate (P₂O₅)58.0%

Derived from monoammonium phosphate.

Also Contains Non-Plant Food Ingredients

Phosphatase5.0 x 10² µUnits/g

Mannanase2.2 x 10⁶ µUnits/g

Directions for Use

Replacement for 10-34-0 starter fertilizer:

For every 1 gallon of 10-34-0 fertilizers, replace with 0.5 lbs of UpZyme dissolved into 1 gallon of water. A maximum of 2 lbs UpZyme can be dissolved per gallon. However, longer mix times and agitation are required.

Use Rate:

Starter or side-dress fertilizer. Row crop: Recommended rate is 2.5 lbs. of UpZyme dissolved into 5 gallons of water per acre. *May be run through irrigation systems.*

Packaging:

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



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