



PhosZyme

ENZYME WITH WATER SOLUBLE FERTILIZER

12-58-0

GUARANTEED ANALYSIS

Total Nitrogen (N) 12.0%
 12.0% Ammoniacal nitrogen

Available Phosphate (P₂O₅) 58.0%
 Derived from monoammonium phosphate F2681

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

Phosphatase 5.0 x 10² µUnits/g
 Mannanase..... 2.2 x 10⁶ µUnits/g

GENERAL INFORMATION

PHOSZYME's mannanase enzyme releases sugars from polysaccharide chains. The phosphatase enzyme releases phosphate from phosphate sources in the soil. This product is designed for dissolving directly in reservoirs, application through fertilizing equipment, and injection into irrigation systems.

PHOSZYME is applied to actively growing root zones of flowering & vegetative plants, clones, cuttings, 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.

PHOSZYME is recommended for use on, but not limited to, vegetable and row crops, deciduous fruit and nut trees, citrus, avocados, vine, hemp, and berry crops, pasture and range grasses and most other crops.

MIXING AND HANDLING INSTRUCTIONS

COMPATIBILITY: PHOSZYME may be applied separately or in conjunction Front Row Si, Part A, Part B, Bloom and with most other fertilizers. When injected, PHOSZYME stock concentrate is only compatible individually or with Part B stock concentrate. A compatibility test is recommended if the desired combination has not been previously used.

MIXING: Dissolve the recommended amount of PHOSZYME 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. When combining stock concentrate of Part B and PHOSZYME, fully solubilize Part B first and then add PHOSZYME, agitate until fully dissolved.

RATE RECOMMENDATIONS

Injection (Stock Concentrate): Dissolve 78 grams PHOSZYME per gallon final volume into reverse osmosis water.

Recommend injection rate is 20 mL per gallon (5.3 mL per Liter). Injection range is 10-25 mL per gallon (2.6-6.6 mL per Liter).

For best results make stock concentrate with source water with less than 40 ppm

Reservoir: Dissolve 0.2 grams per gallon to 0.5 grams per gallon directly into a reservoir. Recommended rate is 0.4 grams per gallon. First, add any products containing silicates or any products that have a tendency to form precipitates as concentrate. Then, PHOSZYME can be added at any point prior to adjusting pH.

Per Acre: Dissolve 1.5 lbs to 18 lbs in sufficient water to treat one acre. DO NOT exceed ½ gram PHOSZYME per gallon of water. Repeat as needed. Rate recommendations based on 2,000 to 22,000 gallons per 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 Solstice Agriculture, 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.

To store unused fertilizer, remove air and seal bag by folding over and clipping. Humidity may change the consistency of the fertilizer, but not the performance.



WARNING : Cancer and Reproductive Harm
 - www.p65Warnings.ca.gov

LIMITED WARRANTY

Front-Row Ag ("FRA") 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. FRA 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 the law, FRA and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.

NET WEIGHT

25 lb / 11.34 kg

BT/LOT#

DISTRIBUTED BY  **SOLSTICE AG**

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