

Phree-uP™

Phree-uP is a Fertilizer Enhancer to Increase Efficiency of Phosphate to Agricultural Crops.

GUARANTEED ANALYSIS

Sulfur (S).....	3%
3% Combined Sulfur	
Boron (B).....	0.1%
Cobalt (Co).....	0.06%
Iron (Fe).....	1%
1% Water Soluble Iron	
Manganese (Mn).....	1.6%
1.6% Water Soluble Manganese	
Molybdenum (Mo).....	0.03%
Zinc (Zn).....	2.3%
2.3% Water Soluble Zinc	

Derived from: Ammonium Molybdate, Boron Ethanolamine, Cobalt Nitrate, Ferrous Sulfate, Manganese Sulfate, and Zinc Sulfate.

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

SOIL AMENDING INGREDIENTS:

Humic acids from Leonardite.....	2%
Partial ammonium salt of maleic-itaconic copolymer.....	19%
Total Other Ingredients.....	9.09%

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DANGER

Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause cancer by inhalation.
May damage fertility.
May damage the unborn child (if swallowed).
May cause damage to organs (brain) through prolonged or repeated exposure (if inhaled).



To access Verdesian's Warranty Statement please go to vlsi.com/limited-warranty
Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

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GORE-TEX® is a trademark of W. L. GORE & ASSOCIATES, INC. | Teflon® , Viton® and Chemours are trademarks of Chemours. This product is manufactured by: **Verdesian Life Sciences U.S., LLC** | 1001 Winstead Drive, Suite 480, Cary, NC 27513
Customer Service: 800-868-6446 | © 2023 Verdesian Life Sciences U.S., LLC. All rights reserved.

Contents: 2.5 gal (9.46 L) | Density: 11.35 lbs./gal (1.36 kg/L) at 68 °F (20 °C)

Net Wt.: 28.37 lbs. (12.87 kg) | Inv. ID: 1005026



VERDESIAN THE NUTRIENT USE EFFICIENCY PEOPLE®

PRECAUTIONARY STATEMENTS

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation, wear respiratory protection.

If exposed or concerned, get medical advice/attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor.

IF ON SKIN (OR HAIR): Wash with plenty of water. Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a poison center/doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

Store locked up. Dispose of contents/container to hazardous or special waste collection point.

GENERAL RECOMMENDATIONS

Contact your Certified Crop Advisor for specific recommendations for your area.

GENERAL INFORMATION

Phree-uP is designed to enhance liquid and granular phosphate fertilizers to sequester antagonistic metals in the soil surrounding soil applied phosphorus.

Phree-uP increases phosphate availability through all stages of plant growth, including the early development period crucial for increasing yield potential. Phree-uP is water soluble, biodegradable, and nontoxic. When undisturbed, Phree-uP inhibits phosphate fixation and may also be used with fall fertilizer applications.

Phree-uP IS NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE.

A VERDESIAN NUE SOLUTION®

Phree-uP™

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FFN 4212/6500192

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APPLICATION OF TREATED FERTILIZER

Phree-uP enhanced phosphate fertilizers should be applied to the soil in the same manner as phosphate fertilizers without Phree-uP.

SOIL TYPES AND CROPS

Phree-uP is designed to reduce fixation of phosphate fertilizers in any soil type and to be used with any crop where phosphate fertilizer is deemed by best management practices to be useful for plant growth and development.

MIXING INSTRUCTIONS

Phree-uP should be evenly sprayed, not poured, onto granular phosphate fertilizers. The fertilizer should be dry prior to spraying. Under cold conditions, check viscosity of Phree-uP prior to spraying. Most standard spraying or blending equipment will work well for treating the granules. Increasing ventilation and tumbling of the sprayed product will reduce drying time and enhance coverage of Phree-uP on fertilizer granules.

Test compatibility of a proportional mixture of the labeled rate of Phree-uP, liquid phosphorus fertilizer and the other products to be tested should be mixed in a jar or beaker, prior to field use.

“316” stainless steel pumps and attachments are recommended. When seals are used, seals made of GORE-TEX®, Teflon® or Viton® are required.

TREATMENT RATES

Phree-uP is designed to be applied at a rate of 2.0 - 2.5 US quarts of Phree-uP per ton of granular phosphate fertilizer (2.1 - 2.4 liters per metric ton), and 0.5% v/v for liquid phosphate fertilizers.

USE PRECAUTIONS KEEP OUT OF THE REACH OF CHILDREN

DO NOT USE Phree-uP as a seed coating.

Read Safety Data Sheet and label before use, including but not limited to “USE PRECAUTIONS” and “Warranty Statement”.

Always wear proper personal protection and follow instructions for treatment and application. Use according to label directions.

Empty containers may contain residue. All label warnings apply to empty container.

Do not contaminate waterways and sewers during cleaning of equipment or disposal of wastes, always adhering to applicable provisions of federal, state, and local laws and regulations. Completely empty contents into application equipment. Dispose of empty container by depositing in sanitary landfills, or as required by law. Do not reuse containers. Observe all warnings on label. Read the Safety Data Sheet prior to use.

BORON AND MOLYBDENUM WARNING:

This product contains Boron and Molybdenum. Over-application or excessive use of boron can result in boron toxicity. This may cause foliar damage or serious crop injury. The proper use of soil test recommendations will minimize the risk of over-application of boron.

Application of fertilizers containing molybdenum may result in forage crops that contain levels of molybdenum that are toxic to ruminant animals. The proper use of soil and/or petiole test recommendations will minimize the risk of over-application of molybdenum.

Store at temperatures above 32°F (0°C) and below 110°F (43°C). Dispose of unused product and empty containers in accordance with Federal, State and local regulations.

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