**AVAIL® FOR GRANULAR PHOSPHATE FERTILIZERS**

Reduces Phosphate Fixation

**Active Ingredient** - 30% wt./wt. partial sodium salt of maleic–itaconic copolymer

Inert Ingredients - 70% water

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**GENERAL INFORMATION**

AVAIL FOR GRANULAR PHOSPHATE FERTILIZERS is designed to be sprayed on granular phosphate fertilizers (MAP, DAP and other granular phosphate fertilizers), to sequester antagonistic metals in the soil surrounding the fertilizer granule, reduce tie-up of phosphate, and make phosphate more available to the plant. AVAIL increases phosphate availability throughout all stages of plant growth, including the early development period crucial for increasing yield potential. AVAIL is water soluble, biodegradable, and nontoxic. When undisturbed, AVAIL FOR GRANULAR PHOSPHATE FERTILIZERS inhibits phosphate fixation and may also be used with fall fertilizer applications.

AVAIL FOR GRANULAR PHOSPHATE FERTILIZERS is a NON-PLANT FOOD INGREDIENT, and not recommended for use as a FERTILIZER SUBSTITUTE.

**APPLICATION RATES**

AVAIL coated phosphate fertilizer should be applied to the soil in the same manner as phosphate fertilizers without AVAIL.

**NOTE:** When using AVAIL, if different farming methods from those normally used are tried, test strips are recommended until such new methods have been proven to be effective.

**SOIL TYPES AND CROPS**

AVAIL 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**

AVAIL FOR GRANULAR PHOSPHATE FERTILIZERS should be evenly sprayed, not poured, onto granular phosphate fertilizers. The fertilizer should be dry prior to spraying. In cold conditions, check viscosity of AVAIL FOR GRANULAR PHOSPHATE FERTILIZERS 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 AVAIL on fertilizer granules. Exposed inner surfaces of blending equipment should be clean, dry and rust free. Allow wet fertilizer to dry before spreading. The AVAIL spraying should be applied to the phosphate fertilizer before blending with other fertilizer materials (i.e. nitrogen or potassium).

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

**TREATMENT RATES**

AVAIL FOR GRANULAR PHOSPHATE FERTILIZERS is designed specifically to be evenly sprayed on granular phosphate fertilizers at a rate of 0.25% or ½ gallon of AVAIL per ton of granular phosphate fertilizer (2.1 liters per metric ton).

**ANTI CAKING PROPERTIES**

AVAIL FOR GRANULAR PHOSPHORUS FERTILIZERS has been shown to inhibit caking of the fertilizer that sometimes occurs with granular phosphate while stored in bins.

**USE PRECAUTIONS**

DO NOT INHALE OR SWALLOW

DO NOT USE AVAIL FOR GRANULAR PHOSPHATE FERTILIZERS as a seed coating. Read SDS and label before use, including but not limited to “USE PRECAUTIONS” and “Warranty/Limitations of Remedies”. Always wear proper personal protection and follow instructions for treatment and application. Use according to label directions.

When using AVAIL, always wear safety gear such as masks and safety glasses. Wear long sleeves, and long pants and use natural or butyl rubber gloves. Apply AVAIL in well ventilated areas. Do not contaminate waterways and sewers. Do not pour, spill, or wash into surface waters. This is a concentrated product and can be harmful if inhaled or swallowed. Irritation persists, contact a physician. Keep out of the reach of children.

**WARRANTY**

Verdesian Life Sciences U.S., LLC warrants that this Product conforms to the specifications set forth on the label. This Product is reasonably fit for the purpose stated on the label when used in accordance with the label directions and instructions under normal conditions of use.

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This product is manufactured by:

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