

# AVAIL™ FOR GRANULAR PHOSPHATE FERTILIZERS

FERTILIZER GROUP 3 – REGISTRATION NUMBER M14 (Act 36 of 1947)

Reduces Phosphate Fixation

Registered Active Ingredient –

Partial sodium salt of maleic–itaconic copolymer..... 30-40% wt./wt.

## 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 through 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% 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.

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## USE PRECAUTIONS: KEEP OUT OF THE REACH OF CHILDREN. DO NOT INHALE OR SWALLOW.

DO NOT USE AVAIL FOR GRANULAR PHOSPHATE FERTILIZERS in liquid phosphate fertilizers. DO NOT USE 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. Due to the possibility of eye and skin irritation, avoid contact. In case of accidental contact with eyes or skin, flush with ample water. If irritation persists, contact a physician. Could be harmful if inhaled or swallowed. 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.

## WARRANTY

The manufacturer, Verdesian Life Sciences U.S., LLC (VERDESIAN) 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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## FOR USE ON GRANULAR PHOSPHATE FERTILIZERS. FOR AGRICULTURAL, TURF AND HORTICULTURAL USE. NOT A PLANT FOOD PRODUCT.

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KEEP OUT OF REACH OF CHILDREN

BATCH NUMBER ...PK163819.....

