



## AVAIL® T5 LIQUID

AVAIL® T5 LIQUID increases phosphate availability on liquid phosphate fertilizers.

### NON-PLANT FOOD INGREDIENT

Active Ingredient:  
40% wt./wt. .... partial ammonium salt of maleic-itaconic-methallyl sulfonic-allyl sulfonic tetrapolymer

Inert Ingredients:  
60% ..... Aqueous solution

**NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE.**

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

### GENERAL INFORMATION

AVAIL® T5 LIQUID is designed to be mixed into liquid phosphate fertilizers (i.e., 10-34-0 and other liquid phosphate fertilizers) applied in low volumes (<15 GPA) as starter or pop-up fertilizers, to keep phosphate more available to the plant. AVAIL® T5 LIQUID increases phosphate availability through all stages of plant growth, including the early development period crucial for increasing yield potential. AVAIL® T5 LIQUID is water soluble, biodegradable, and nontoxic. When added to liquid phosphate fertilizers, AVAIL® T5 LIQUID inhibits phosphate fixation.

### SOIL TYPES AND CROPS

AVAIL® T5 LIQUID 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 RATE OF AVAIL® T5 LIQUID

AVAIL® T5 LIQUID is recommended for use at a rate of 0.5% (0.5 gallons of AVAIL® T5 LIQUID with 99.5 gallons

of liquid tank mix). AVAIL® T5 LIQUID concentration needs to be 0.5% of total tank mix.

### MIXING INSTRUCTIONS

To test compatibility of AVAIL® T5 LIQUID with pesticides, surfactants and other products, a proportional mixture of AVAIL® T5 LIQUID (Using Mixing Rates stated on the Label), liquid phosphorus fertilizer and the other products to be tested should be mixed in a jar or beaker, prior to adding AVAIL® T5 LIQUID or liquid phosphate fertilizer containing AVAIL® T5 LIQUID to an entire tank mix. AVAIL® T5 LIQUID should only be added to the liquid tank mix after the liquid phosphorus fertilizer has been added.

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

### APPLICATION RATES

AVAIL® T5 LIQUID treated phosphate fertilizer should be applied to the soil in the same manner as phosphate fertilizers without AVAIL® T5 LIQUID.

**NOTE:** When using AVAIL® T5 LIQUID, if different farming methods from those normally used are tried, test strips are recommended until such new methods have been proven to be effective.

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

DO NOT USE AVAIL® T5 LIQUID on granular phosphate fertilizers. AVAIL® T5 LIQUID may be used with liquid phosphate fertilizers designed to be used as pop-up fertilizers and other sensitive applications when thoroughly mixed into those fertilizers prior to their application. 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.

AVAIL® T5 LIQUID must be thoroughly mixed into liquid phosphate fertilizers pursuant to the rate stated on this label. **FAILURE TO FOLLOW MIXING INSTRUCTIONS COULD CAUSE SEED DAMAGE! DO NOT APPLY AVAIL® T5 LIQUID AS A SEED COATING.**

When using AVAIL® T5 LIQUID 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® T5 LIQUID 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.

Store locked up. Dispose of contents/container to an approved waste disposal plant.

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

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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