

# AVAIL<sup>®</sup> HV

Phosphorus fertilizer enhancer to reduce phosphate fixation for high volume liquid phosphate fertilizer applications on listed agricultural crops

F002331

## NOT A PLANT FOOD PRODUCT NON-PLANT FOOD INGREDIENTS

### ACTIVE INGREDIENT

30% wt./wt ..... partial ammonium salt of maleic-itaconic copolymer

### INERT INGREDIENTS

70% ..... water

## NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE.



## WARNING

Causes skin irritation. Harmful to aquatic life.

### PRECAUTIONARY STATEMENTS

#### PREVENTION

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves.

#### RESPONSE

Specific treatment (see supplemental first aid instructions on this label).

**IF ON SKIN:** Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

### USE PRECAUTIONS - KEEP OUT OF REACH OF CHILDREN

DO NOT USE AVAIL HV FOR LIQUID PHOSPHATE FERTILIZERS on granular phosphate fertilizers. AVAIL HV for LIQUID PHOSPHATE FERTILIZERS 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 HV FOR LIQUID PHOSPHATE FERTILIZERS 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 HV FOR LIQUID PHOSPHATE FERTILIZERS AS A SEED COATING.

When using AVAIL HV 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 HV 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.

In case of emergency call INFOTRAC: 800-535-5053 or INTL INFOTRAC: 352-323-3500

To access Verdesian's Warranty Statement please visit <https://www.vlsci.com/limited-warranty>

Contents and levels of metals information for this product is available at <https://www.aapfc.org/metals.html>

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.

### GENERAL INFORMATION

AVAIL HV FOR LIQUID PHOSPHATE FERTILIZERS is designed to be mixed into liquid phosphate fertilizers (i.e., 10-34-0 and other liquid phosphate fertilizers) where single application volumes of phosphate fertilizer exceed 15 gallons per acre. AVAIL HV sequesters antagonistic metals in the soil in the vicinity of the applied phosphate, reduces tie-up of phosphate, and makes phosphate more available to the plant. AVAIL HV increases phosphate availability through all stages of plant growth, including the early development period crucial for increasing yield potential. AVAIL HV is water soluble, biodegradable, and nontoxic. AVAIL HV for LIQUID PHOSPHATE FERTILIZERS may be used with fall or spring fertilizer applications.

### STORAGE AND DISPOSAL

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

### APPLICATION RATES

AVAIL HV treated phosphate fertilizer should be applied to the soil in the same manner as phosphate fertilizers without AVAIL HV. **NOTE:** When using AVAIL HV, 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 HV is designed to reduce fixation of high volume phosphate fertilizers in any soil type and to be used **ONLY** with the listed crops where single application volumes are equal to or exceed 15 gallons per acre of phosphate fertilizer. Approved crops for use:

Potatoes ( <i>Solanum</i> spp. ONLY)	Onions
Hay/forage/alfalfa	Solanaceous crops
Fruits, Vines, Nuts	Row Vegetables
Cucurbits	

### MIXING RATE OF AVAIL FOR LIQUID PHOSPHATE FERTILIZERS

AVAIL HV for LIQUID PHOSPHATE FERTILIZERS is recommended for use at a rate of 0.5% (0.5 gallons of AVAIL HV with 99.5 gallons of liquid tank mix). AVAIL HV concentration needs to be 0.5% of total tank mix.

### MIXING INSTRUCTIONS

To test compatibility of AVAIL HV FOR LIQUID PHOSPHATE FERTILIZERS with pesticides, surfactants and other products, a proportional mixture of AVAIL HV (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 HV or liquid phosphate fertilizer containing AVAIL HV to an entire tank mix. AVAIL HV 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-tex", "Teflon" or "Viton" are required.

Lot No.: XXXXXXX Net Contents: 2.5 gal (9.46 L)

Mfg Date: MM/DD/YYYY Net Wt.: 25.1 lbs. (11.35 kg)

Exp Date: MM/DD/YYYY Inv. ID: 1000752

Density: 10.04 lbs./gal (1.2 kg/L) at 68° F (20° C)



## VERDESIAN

THE NUTRIENT USE EFFICIENCY PEOPLE<sup>®</sup>

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A VERDESIAN NUE SOLUTION<sup>™</sup>

10/02/2025