

AG - PHITE 57

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PHOSPHOROUS ACID BASED FERTILIZER SOLUTION FOR ALL CROPS

GENERAL INFORMATION

AG-PHITE, is a pure Potassium Phosphite fertilizer solution that is manufactured in a one step process by reacting Phosphorous Acid and Potassium Hydroxide in a patented high temperature, rapid cooling process, that preserves the maximum amount of Phosphorus in the desirable H_3PO_3 (Phosphorous Acid) form. This unique *AG-PHITE* manufacturing process neither contains nor requires any H_3PO_3 preserving or solubility additives that are necessary in competitive products. As a result, *AG-PHITE* more economically feeds and protects plants thru superior Phosphorous Acid nutrition. *AG-PHITE* is rapidly absorbed by plant blooms, leaves, and twigs, for maximum nutritional benefit in order to prevent and correct nutrient deficiencies and to promote disease resistance.

APPLICATION WARNING

A minimum of 12.5 gallons of water is required for each quart of *AG-PHITE* to be applied. A final crop spray solution must not contain greater than a 2% concentration, by volume, of *AG-PHITE*. Do not apply close to emerging seeds, especially if soil pH is less than 6.0. Do not mix with fixed copper or copper based fungicides if spray solution is below pH 6.2.

APPLICATION RECOMMENDATIONS

AG-PHITE can be applied as a foliar crop spray or directly to the soil through fertigation, direct soil spray, and incorporated in horticultural, ornamental soil mixes. Application can be made by aircraft or by ground

spraying equipment. *AG-PHITE* should be added last in the tank mix sequence. A small jar compatibility test is recommended when adding other chemicals to the tank mix. Caution, may be irritating to skin and eyes. Do not apply *AG-PHITE* with or on copper based fungicides, unless final spray solution is pH 6.5 or higher.

APPLICATION RATES

FRUIT CROPS—Including Citrus and Avocados, Strawberries, and all other deciduous and non-deciduous fruits, apply 1 – 2 quarts of *AG-PHITE* pre-bloom with additional applications every 30 days, or as required, and 3 – 4 weeks prior to harvest.

VEGETABLE CROPS—Tomatoes, Peppers, Lettuce, Spinach, Leaf, Cole Crops, Cucurbits, Beans, Peas, Potatoes, Root, Bulb, or Tuber Crops, apply 1 – 2 quarts of *AG-PHITE* beginning after plants begin to grow, at least beyond the second true leaf stage. Make additional applications as necessary.

TURF—Apply 1 – 2 quarts per acre with at least 12.5 gallons of water per each quart of *AG-PHITE*, every 30 days, or as required. Do not exceed a 2% solution of *AG-PHITE*, by volume, to spray water.

STORAGE Store in a cool dry place, keep container tightly closed, do not add water or other material to the *AG-PHITE* container. Dispose of container properly.

GUARANTEED ANALYSIS

Available Phosphoric Acid aP_2O_5 (AOAC Method 960.02)	30.00%
Water Soluble Potash (K_2O) Derived Only From: Phosphorous Acid and Potassium Hydroxide F-248	27.00%

SPECIFICATIONS

Phosphorous Acid Minimum	95.00%
Phosphorous Acid Maximum	99.00%
Specific Gravity @ 60 F	1.475
Salting Out Temperature F	32
Color	Water White
Weight Per Gallon	12.28
Pounds of Phosphorus Per Gallon	3.68
Pounds of Potassium (K_2O) Per Gallon	3.32

NOTICE: WARNING--Under most conditions, *AG-PHITE* can be applied as recommended. However many contingent risk factors may exist, and crop injury is always a possibility whenever foliar sprays are applied. Seller warrants that this product conforms only to its chemical description as stated on the label only. The 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. Neither this warranty of merchantability or fitness for a particular purpose, expressed or implied extends to the use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to the seller. Buyer assumes any and all risks associated with any such use of this product.

**MANUFACTURED BY PLANT FOOD SYSTEMS
PO BOX 775, ZELLWOOD, FL 32798 407-889-7755**

LOT # 021508 NET: 5 GALLONS