

SILPHITE™

POTASSIUM PHOSPHITE SILICATE



General Information

SilPhite™, is a polymerized liquid combination of Potassium Phosphite and Potassium Silicate in a unique, single fertilizer solution. **SilPhite™** provides a highly soluble source of silicon as an essential plant nutrient which is inorganically complexed with potassium substrates and phosphorous acid to form phosphites and silicates in a compatible combination that provides silica, phosphorus and potassium in a beneficial form, for better plant growth. **SilPhite™** can be applied as a light or heavy drench on turf as a soil application, or by foliar application on most plants and turf.

Fruit Crops

Citrus, Avocados, Strawberries, and all other deciduous and non-deciduous fruits, apply 1 – 2 quarts of **SilPhite™** pre-bloom with additional applications every 30 days, or as required, until 2 – 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 SilPhite beginning after plants begin to grow, at the second true leaf stage. Repeat every 2—4 weeks.

Turf

Sod, apply 1 – 2 quarts per acre every 30 days, or as required. Do not exceed a 2% solution of SilPhite, by volume, to spray water. Recreational turf, apply 3 - 5 oz. per 1,000 sq. ft. every 21 - 30 days during active growing periods.

Application And Warning

SilPhite™ can be applied by ground sprayer or aircraft as a foliar crop spray in a minimum of 12.5 gallons of water required for each quart of **SilPhite™** to be applied. A final crop spray solution must not contain greater than a 2% concentration, by volume, of SilPhite. Do not mix with fixed copper or copper based fungicides if spray solution is below pH 6.5. A small jar compatibility test is recommended when adding other chemicals to the tank mix.

Active Ingredients:

Guaranteed Analysis

Available Phosphoric Acid aP2O5.....26.00%
(AOAC Method 960.02)
Water Soluble Potash (K2O).....24.00%

Derived From:

Potassium Phosphite, Potassium Silicate

Specifications:

Weight Per Gallon.....11.8
Pounds of Phosphorus Per Gallon.....3.07
Pounds of Potassium (K20) Per Gallon.....2.83
pH.....6.50
Silicon, derived from Potassium Silicate.....1.00%

Handling

Store in a cool dry place, keep container tightly closed, do not add water or other material to the **SilPhite™** container. Dispose of container properly. Caution, may be irritating to skin and eyes.

NOTICE: LIMITED LIABILITY NOTICE--Under most conditions, **SilPhite™** 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.



Plant Food Systems' products are certified as using only pure, virgin materials, with no byproducts or downstream contaminants for consistent safety, performance & results.

MANUFACTURED BY:

**Plant Food Systems, Inc.
F248**

2827 Union St. P.O. Box 775
Zellwood, FL 32798
800.343.7775

NET CONTENTS:

- 2.5 gal
- 5 gal
- 30 gal
- 55 gal

CAUTION – KEEP OUT OF REACH OF CHILDREN

May cause skin irritation. Avoid contact with eyes, skin or clothing. If exposure occurs, wash exposed area thoroughly with excessive water.

PlantFoodSystems.com

Warranty Disclaimer. Plant Food Systems, Inc. provides no warranty of any kind, expressed or implied, except that the product will conform to the chemical description on the label only and in no event be liable, whether or not foreseeable.

