

**SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL APPLICATORS  
(NOT SUBJECT TO WORKER PROTECTION STANDARD)**

**K-PHITE FUNGICIDE**

K-Phite is a systemic fungicide for the control of Downy mildew, Powdery Mildew, Phytophthora (such as Sudden Oak Death, Root Rot, Brown Rot), Pythium (Damping-off, Summer Stress) and various other diseases in garden plants, ornamental trees and plants, Phytophthora in conifers, pines and oaks and Pythium in turf.

**ACTIVE INGREDIENTS:**

Mono- and dipotassium salts of Phosphorous Acid\* .....53%

OTHER INGREDIENTS:.....47%

TOTAL.....100%

\*Contains 6.22 lbs./gallon of active ingredients, mono- and dipotassium salts of Phosphorous Acid. Equivalent to 3.90 lbs. Phosphorous Acid/gallon.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See side (or back) panel for First Aid and additional precautionary statements.

**NET CONTENTS:** 1 pint (0.473 liters)  
1 quart ( 0.946 liters)  
1 gallon (3.785 liters)  
2 1/2 gallons (9.463 liters)  
5 gallons (18.925 liters)

**MANUFACTURED BY:**  
Plant Food Systems Inc.  
PO Box 775 - 2827 Union Street  
Zellwood, FL 32798

EPA Reg. No. 68573-2-73806  
EPA Est. No. 73806-FL-001

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Caution: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

<b>FIRST AID STATEMENTS</b>	
If in eyes	<ul style="list-style-type: none"><li>·Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>·Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>·Call a poison control center or doctor for treatment advice.</li></ul>
<b>HOT LINE NUMBER</b>	
Have the container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center (NPIC) at 1-800-858-7378 for emergency medical treatment information.	

**ENVIRONMENTAL HAZARDS**

For terrestrial uses: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.  
Read entire label before using this product.

- 1 pint (0.473 liters) makes 24 gallons of solution at maximum treatment rate.
- 1 quart (0.946 liters) makes 48 gallons of solution at maximum treatment rate.
- 1 gallon (3.785 liters) makes 192 gallons of solution at maximum treatment rate.
- 2 1/2 gallons (9.463 liters) makes 480 gallons of solution at maximum treatment rate.
- 5 gallons (18.925 liters) makes 960 gallons of solution at maximum treatment rate.

**GENERAL APPLICATION INSTRUCTIONS**

K-PHITE is applied by various application methods, including foliar sprays, soil drench, soil incorporation, and bare root dip. For foliar sprays, apply K-PHITE with sufficient water for adequate coverage of foliage, according to crop and growth stage. To insure good coverage, spray to wet.

**MIXING INSTRUCTIONS**

1. Fill the spray tank with 1/2 of the required volume of water.
2. Add the amount of K-PHITE as indicated under the Rate portion of the table below.
3. Continue to fill the tank with water to the desired volume while agitating.
4. Continue agitation when applying.

This product may be applied up to the day of harvest.

**INSTRUCTIONS FOR APPLICATIONS  
GARDEN CROPS, ORNAMENTALS, BEDDING PLANTS AND TREES (CONIFERS, OAKS, ETC.) &  
TURF**

K-PHYTE fungicide is used for control of Pythium, Downy Mildew, Phytophthora (such as Sudden Oak Death, *Phytophthora ramorum*) and various other diseases (see list below) of ORNAMENTAL PLANTS AND TREES. Plants, which can be treated with K-PHYTE, include:

**GARDEN CROPS**

K-PHYTE fungicide is used for control of Downy Mildew, Powdery Mildew, Pythium, Phytophthora and various other diseases (such as purple blotch, late blight, blue mold, soft rot, root rot, brown rot, foot rot, crown/collar rot, canker, fruit/foliar rot, fire blight, heart rot, pink rot, pythium leak, red stele, leather rot, etc.) of garden crops. K-PHYTE may be applied to plants including (but not limited to): Almond, Apple, Apricot, Artichoke, Asparagus, Avocado, Baby Lettuce, Banana, Beet, Blackberry, Blueberry, Broadbean, Cane Berries, Carrot, Cherry, Chestnut, Chilies, Cinchona, Cinnamon, Citrus, Cole Crops, Corn, Cranberry, Crucifers, Cucurbits, Dates, Dry Beans, Eggplant, Fresh beans, Garlic, Grapes, Kiwi, Lettuce, Lima Beans, Macadamia, Melons, Mint, Nectarine, Nut Crops, Nutmeg, Okra, Olive, Onion, Papaya, Peach, Peanut, Pear, Peas, Peppers, Pineapple, Plum, Pome Fruit, Potato, Prune, Raspberry, Rhubarb, Root crops, Rosemary, Spinach, Squash, Strawberry, String Beans, Stone Fruit, Sugarbeet, Sunflower, Tomato, Walnut.

**BEDDING PLANTS, TREES & ORNAMENTALS**

Ageratum, Algerian Ivy, Aglaonema, Alyssum, Anthurium, Aphelandra, Arborvitae, Artemisia, Ash, Aster, Azaleas, Baby's Breath, Begonia, Bougainvillea, Boxwood, Caladium, Carnation, *Cattleya skinneri*, Ceanothus, Chrysanthemum, Coleus, Columbine, Cotoneaster, Cissus, Daisy, Delphinium, Dieffenbachia, Dogwood, Easter Lily, English Ivy, Ficus, Firs, Foxglove, Gaillardia, Geranium, Gloxinia, Hibiscus, Impatiens, Japanese Holly, Juniper, Leather-leaf Fern, Magnolia, Maple, Marigold, Monterey Pine, Oaks, Pansy, Petunia, Peperomia, Philodendron, Phlox, Photinia, Pines, Pinks, Pittosporum, Pieris, Poinsettia, Pothos, Primrose, Prostrate Rosemary, Rhododendron, Roses, Salvia, Schefflera, Sedum, Sempervivum, Snapdragon, Spathiphyllum, Taxus media, Spruces, Sycamore, Verbena, Vinca, White Cedar, White Pine, Zinnia, Zygocactus, etc.

Make applications prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. Do not exceed the use rates or apply more frequently than the specified interval or plant injury can occur. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper phytotoxicity, do not apply K-PHYTE foliarly to plants treated with copper based compounds at less than 20 day intervals unless instructed to do so by your consultant. Allow foliage to completely dry after application. Do not apply when conditions favor wet tissue for prolonged periods (>4 hours).

Disease	Application Method	Rate	Application Program
Phytophthora Fusarium Pythium Rhizoctonia Fire Blight ( <i>Erwinia amylovora</i> )	Foliar Spray	1/3 fluid ounce to 2/3 fluid ounce/gallon of water. (2.5 - 5 milliliters/liter of water)	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed. Do not apply K-Phyte at intervals less than 3 days.
	Soil Drench	3-6 fluid ounce/25 gallon of water or 1/8 to 1/4 fluid ounce per gallon of water (1 to 2 liters/1000 liters of water)	Apply 1-2 pts. of diluted solution per sq. foot. Adjust volume as needed to thoroughly wet media. Apply at 2-3 week intervals and repeat as needed. Do not apply K-Phyte at intervals less than 3 days.

	Soil Incorporation	½ to 1 pint/ ½ cubic yard. (150-300 milliliters/ ½ cubic meter)	Mix ½ to 1 pint of K-Phite with enough water to wet one cubic yard of soil; mix immediately before potting. If conditions are favorable for disease development, it is recommended to make additional applications as a foliar spray or soil drench.
	Root Dip	2/3 fluid ounce/gallon of water (5 milliliters/liter of water)	Dip transplants into diluted solution of K-Phite to thoroughly wet plant root mass immediately before transplanting. Keep roots submerged for 1 to 2 minutes.
Downy Mildew Powdery Mildew	Foliar Spray	1/3 fluid ounce to 2/3 fluid ounce/ gallon of water (2.5 - 5 milliliters/liter of water)	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed. Do not apply K-Phite at intervals less than 3 days.

### TURF

K-PHITE is a systemic fungicide, which is used for the control of Pythium blight, Summer Complex (Bermuda and others), Dollar Spot, Grey Leaf Spot, Brown Patch, Anthracnose and damping-off diseases to turf grasses. Begin preventative applications when conditions first favor disease and repeat at directed intervals. Use higher rates under severe disease conditions.

Disease	Application Method	Rate	Application Program
Pythium (Yellow Turf) Rhizoctonia Sclerotinia Helminthosporium Alternaria Anthracnose (Colletotrichum graminicola)	Foliar Spray	2-3 fluid ounces/1,000 square feet. (50-90 milliliters/100 square meters)	Apply amount in minimum of 2 gal. of water per 1,000 sq. ft. Apply at 7 to 21 day intervals as needed. Do not mow or irrigate treated areas until sprays have completely dried.

#### **STORAGE AND DISPOSAL**

**STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry place.

**PESTICIDE AND CONTAINER DISPOSAL: If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused products down any indoor or outdoor drain.

#### **NOTICE TO BUYER**

To the extent permitted by law, all conditions and warranties, and statutory or other rights of action which buyer or any other user may have against Plant Food Systems Inc. or seller are hereby excluded. Plant Food Systems Inc. Hereby gives notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information provided by Plant Food Systems Inc. or on its behalf unless it is established that such information or advice was provided negligently and that the product has been used strictly as directed, Plant Food Systems Inc.'s liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price thereof.