

# K-PHITE® 7LP

## SYSTEMIC FUNGICIDE

**K-PHITE 7LP Fungicide** is a systemic fungicide for the control of Downy Mildew, Phytophthora, Pythium and Various Other Diseases on Green House Crops, Indoor and Outdoor Ornamentals, Bedding Plants and Forestry Applications and domestic Trees Including Conifers, Pines Oaks and Turf.

### ACTIVE INGREDIENTS:

Mono- and di-potassium salts of Phosphorous Acid*	56%
OTHER INGREDIENTS:	44%
TOTAL:	100%

\*Contains 7.03 lbs./gallon of the active ingredients, mono- and di-potassium salts of Phosphorous Acid. Equivalent to 4.41 lbs. phosphorous Acid/gallon.

EPA REG. NO. 73806-FL-001

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear long-sleeved shirt and long pants, socks and shoes, and waterproof gloves. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

### FIRST AID STATEMENTS

#### *If on skin or clothing:*

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

#### *If swallowed:*

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

#### *If in eyes:*

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

### USER SAFETY RECOMMENDATIONS

#### *Users should:*

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove PPE clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### ENVIRONMENTAL HAZARDS

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 rinsate or equipment wash waters.

### 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.

Do not apply this product in a way that will contact workers or other person, either directly or through drift.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter treated areas without protective clothing until sprays have dried.

### GENERAL APPLICATION INSTRUCTIONS

K-PHITE 7LP Fungicide may be applied by various application methods, including foliar sprays, soil drench, soil incorporation, and bare root dip. For foliar sprays, apply **K-PHITE 7LP Fungicide** 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 **K-PHITE 7LP Fungicide** slowly to the tank and agitate by hydraulic or mechanical means.
3. Continue to fill the tank with water to the desired volume while agitating.
4. Continue agitation when applying.

### COMPATIBILITY

**K-PHITE 7LP Fungicide** is compatible with most pesticide products used in agriculture; however, crop sensitivity to these mixtures may vary. If these combinations or others have not been previously used, do not tank mix without first testing the mixture's compatibility nor apply it without assessing its safety to the crop (phytotoxicity).

The use of spray adjuvants (i.e. stickers, spreaders, wetting agents) is not recommended with **K-PHITE 7LP Fungicide**. However if an adjuvant is used with **K-PHITE 7LP Fungicide** it should be tested before use for compatibility. Do not use acidifying type compatibility agents.

To determine the compatibility of **K-PHITE 7LP Fungicide** with other products, use a jar compatibility test. Add the correct proportions of each product and the appropriate quantity of water to clean container, thoroughly mix, then let stand for 3-5 minutes. If the mixture remains in solution or can be remixed readily, the products are considered compatible. To determine if a combination is phytotoxic to a specific crop, spray a few plants/trees, then evaluate 3-7 days later for visual symptoms.



## PLANT SAFETY/COMPATIBILITY:

**K-PHYTE 7LP Fungicide** is compatible with most pesticide products used in turf and ornamentals. **K-PHYTE 7LP Fungicide** shows no phytotoxicity on plants when used as instructed on the label. Always conduct a phytotoxicity check before applying to large areas. **K-PHYTE 7LP Fungicide has a 4 hour REI and a 0 day pre-harvest.**

## GENERAL APPLICATION INSTRUCTIONS:

**Chemigation:** Apply K-PHYTE 7LP Fungicide through microjet, drip, solid set and centerpivot sprinkler irrigation systems. Apply **K-PHYTE 7LP Fungicide** by various application methods, including foliar sprays, trunk injection, soil drench, soil incorporation and bare root dip. For foliar sprays, apply **K-PHYTE 7LP Fungicide** with sufficient water for adequate coverage of foliage, according to crop and growth stage. To insure good coverage, spray wet.

## INSTRUCTIONS FOR APPLICATIONS

### ORNAMENTALS, BEDDING PLANTS, TURF and TREES (CONIFERS) HOME AND GARDEN

**K-PHYTE 7LP Fungicide** is used for control or prevention of Bacterial Blight, Bacterial Leafspot, Pythium, Downy Mildew, Powdery Mildew, Erwinia, Fusarium, Phytophthora and various other diseases grown in commercial nurseries and greenhouses, golf courses, parks and commercial landscapes. K-PHYTE 7LP Fungicide may be applied to all ornamental and landscape plants including (but not limited to): Aglaonema, Aphelandra, Arborvitae, Ash, Azaleas, Bougainvilleas, Boxwood, Bushes, Cattleya Skinneri, Cedars, Ceanothus, Cotoneaster, Cissus, Diffenbachia, Dogwood, Ferns, Ficus, Flowering Trees, Hibiscus, Hard Wood Trees, Holly, Home Lawns, Juniper, Magnolia Trees, Maple, Pines, Oaks, Palms, Peperomia, Photinia, Pittosporum, Philodendron, Pieris, Pothos, Red woods, Rhododendron, Roses, Schefflera, Sedum, Sempervivum, Shrubs, Spathiphyllum, Sycamore, Taxus media, Zygocactus.

**BEDDING PLANTS:** Ageratum, Algerian Ivy, Anthurium, Artemisia, Aster, Baby's Breath, Begonia, Caladium, Carnation, Chrysanthemum, Coleus, Columbine, Daisy, Daylily, Delphinium, Easter Lily, English Ivy, Foxglove, Gaillardia, Geranium, Gloxinia, Impatiens, Marigold, Pansy, Petunia, Phlox, Pinks, Poinsettia, Primrose, Prostrate Rosemary, Salvia, Snapdragon, Verbena, Vinca, Zinnia

**TREES:** Douglas Fir, Spruce, Pines and Oaks.

**TURF: K-PHYTE 7LP Fungicide** is a systemic fungicide, which is used for the control of Pythium blight, Summer Complex (northern and southern turf types), Dollar Spot, Grey Leaf Spot, Brown Patch, Anthracnose and damping-off diseases to turf grasses on sod farms, commercial turf production, golf courses, parks and commercial landscapes, home lawns.

*Applications should be made prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe.*

*Apply **K-PHYTE 7LP Fungicide** prior to disease development in conjunction with good cultural practices. Use the higher rate when disease pressure is severe. Do not exceed recommended rates or apply more frequently than the specified intervals to avoid plant injury. Do not apply to plants that are dormant or under heat or moisture stress.*

Crops	Disease	Application
<b>Ornamentals</b> Bedding Plants Flowers (Greenhouse and Field), Greenhouse Ornamentals Greenhouse Vegetables, Bare Root Stock, Container Stock Fresh Cut Flowers	<b>Phytophthora</b> (Root Rot) <b>Fusarium</b> <b>Pythium</b> (Damping Off) <b>Rhizoctonia</b> (Crown Root) <b>Erwinia</b> (Fire Blight) <b>Xanthomonas</b> (Bacterial Blight) (Bacteria Leaf Spot) <b>Downy Mildew</b> <b>Powdery Mildew</b> <b>Ralstonia spp.</b> (Geranium Wilt) <b>Pythium</b> (Yellow Turf) <b>Rhizoctonia</b> (Brown Patch) <b>Sclerotinia</b> (Dollar Spot) <b>Helminthosporium</b> (Gray Leaf Spot) <b>Alternaria</b> <b>Anthracnose</b> <b>Phytophthora</b> (Sudden Oak Death) (Root Rot)	Foliar 1 to 2 qts./100 gal. of water or 1/3 fl. oz. to 2/3 fl. oz. per gal. of water. (2.5 to 5 L/1000 L of water)
		Soil Drench 12-24oz/100 gal. of water
		Foliar Spray 3-6 fl. oz./1,000 sq. ft.
		or
		3 to 6 qts./100 gal. of water/acre.
		Irrigation Overhead: 2-3 qts./acre. (5-7 L/ Ha) in at least 100 gallons (1000 L) of water.
		Foliar Spray 1 to 2 qts./100 gal. water /acre (2.5 to 5 L/1000 L water/Ha) or 1/3 fl. oz. to 2/3 fl. oz. per gal. Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.
		Trunk Injections 3 teaspoons /linear yard of canopy width or 2 in. of trunk diameter at breast height (DBH) (15 milliliters/ linear meter of canopy width or 5 centimeters DBH) Inject directly into tree.
		<b>Disease Prevention Program*:</b> Apply lower rate at 2-4 week intervals after plants become established. Do not apply K-PHYTE 7LP Fungicide at intervals less than 3 days.
		<b>Disease Control Program:</b> Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply K-PHYTE 7LP Fungicide at intervals less than 3 days. Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed. Do not apply K-PHYTE 7LP Fungicide at intervals less than 3 days. 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 7LP Fungicide at intervals less than 3 days.
Apply recommended amount in 2 gal. of water per 1,000 sq. ft. Apply at 10 to 21 day intervals as needed. Do not mow or irrigate treated areas until sprays have completely dried.		
For sod farms and large areas: Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed		
Apply with normal irrigation schedule. Apply at 10 to 21 day intervals and repeat as needed.		
<b>Disease Prevention Program*:</b> Apply lower rate at 2-4 week intervals after plants become established. Do not apply K-PHYTE 7LP Fungicide at intervals less than 3 days.		
<b>Disease Control Program:</b> Apply higher rate at 2-3 week intervals until control is reached. Do not apply K-PHYTE 7LP Fungicide at intervals less than 3 days.		
Apply according to injection equipment instructions. Adjust rate based on injection equipment suggestions for specific applications.		
<b>Turf</b>		
<b>Conifers and Trees</b>		

### 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 or Seller are hereby excluded. Plant Food Systems 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 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' liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price thereof.



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Always read and follow label directions.  
**Specimen label only, read and follow registered label directions.**

**KPHYTE® 7LP**  
 SYSTEMIC FUNGICIDE

Safe, dependable crop protection.