



# KPHITE® 7LP

EPA 73806-1

## SYSTEMIC FUNGICIDE BACTERICIDE

### Unique Manufacturing Process – Unique Quality

**Kphite® 7LP** is an EPA-registered systemic fungicide and bactericide that is proven to fight disease, increase plant health and increase yield in crops. Its strength and efficacy come from its unique molecular formulation and pure, quality ingredients.

- Unique formulation – patented molecule
- Unique multiple phosphite atom chain – both preventative and curative
- pH neutral – mixes well in spray tank
- No buffering agents, byproducts of downstream contaminants
- Holds form for maximum shelf life

**Kphite is proven effective on vegetables, herbs & cucurbits.**

#### Fact

Plant Food Systems **Kphite® 7LP** is manufactured using a patented pressure & heat reaction process that no other phosphite manufacturer can use. This process generates a heat reaction of over 300°F. The reaction forces water molecules out of the formula creating a pure, stable, long chain of potassium polyphosphite molecule. A polyphosphite is created only under extreme pressure and heat of reaction. The result is a unique extended chain potassium polyphosphite molecule that delivers amazing plant protection that lasts inside the plant and soil for a longer period of time.

#### Application Guidelines

**For most disease prevention programs, apply at 7-10 day intervals.  
In severe exposure conditions, apply at 3-7 days.**

Application Method	Rate/Application
Ground Application	1-4 quarts in a minimum of 20 gallons of water/acre
Aerial Application	1-4 quarts in a minimum of 10 gallons of water/acre
Chemigation	Drip or Microsprinkler: 2-4 quarts in at least 200 gallons of water/acre
Planter Bed, Root Dip or Transplant Drench	1-2 ounces / 1000 ft. of row  1-2 quarts/100 gallons of water 1/3-2/3 fluid ounce/gallon of water  Can be applied prior to, during or after transplanting, in seed furrow, knife injected near seed, or over covered seed bed
Soil Application	2-4 quarts in minimum 20 gallons/acre Lightly irrigate after application
Ground Application	1-4 quarts in a minimum of 20 gallons of water/acre
Aerial Application	1-4 quarts in a minimum of 10 gallons of water/acre

#### Tank Mixing:

Prior to any fertilizer or pesticide application, all spray mixing and application equipment must be cleaned. A quality tank cleaner is recommended. Carefully observe all cleaning directions on the pesticide and fertilizer label. Fill the spray or mix tank at least ¾ full of water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence: **1) Dry flowables or water dispersible granules, 2) Wettable powders, 3) Flowables, 4) Emulsifiable concentrates, 5) Water based solutions, 6) Compatibility agents, 7) Micronutrients and fertilizer, 8) Spray adjuvant**

#### Caution:

Keep away from Children and Domestic Animals. Avoid contact with eyes, open cuts, or sores. Harmful if swallowed. External: Flood with water. Internal: Induce vomiting. Contact a physician immediately

#### Storage and Handling:

Store in a cool dry place, keep container tightly closed, do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal. Do not store near acids or other acidic materials.

**Storage above 32° F. Do not allow to freeze**

#### ACTIVE INGREDIENTS:

Mono- and dipotassium salts of Phosphorus Acid\* ..... 56.0%

OTHER INGREDIENTS:..... 44.0%

TOTAL:.....100%

\* Contains 7.03 lbs./gallon of active ingredients, mono-and dipotassium salts of Phosphorus Acid. Equivalent to 4.41 lbs. Phosphorus Acid/gallon.

\* Kphite 7LP's unique manufacturing process and molecule are protected by the following patents:

Reactor: 4724132

Molecule: 7877616

EPA Reg. No. 73806-1

EPA Est. No. 73806-FL-001



### Effective Disease Control

**K-PHITE® 7LP** provides broadspectrum control of plant diseases:

- Alternaria
- Anthracoese
- Cercospora
- Cercosporidium
- Clavibacter
- Downy Mildew
- Fusarium
- Phytophthora
- Pseudomonas
- Powdery Mildew
- Pythium
- Ralstonia solanacearum
- Rhizoctonia
- Rust
- Sclerotinia
- Xanthomonas