



### Guaranteed Analysis

Soluble Potash (K<sub>2</sub>O)..... 27.00%

#### Derived from

Phosphorous Acid CAS #13598-36-2, Potassium Hydroxide CAS #1310-58-3

**Phosphite 30, 0-0-27** is a pure Potassium Polyphosphite 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 Phosphorous in the desirable H<sub>3</sub>PO<sub>3</sub> (Phosphorous Acid) form. **Phosphite 30, 0-0-27** is rapidly absorbed for maximum nutritional benefit in order to prevent and correct nutrient deficiencies and to promote disease resistance. Note: With foliar applications, phosphite ions are taken up directly by the plant foliage and may undergo a degree of conversion to phosphate ions, or be utilized directly by the plant as phosphite ions. Do not apply to emerging seeds, especially if soil pH is less than 6.0. Do not mix with fixed copper or copper based fungicides if the pH of the spray solution is below 6.0. Use sufficient water to ensure thorough coverage. Do not exceed a maximum product spray concentration of 2%. For every 5 oz. of **Phosphite 30, 0-0-27** apply with at least 2 gallons of water. For every 2.5 oz. of **Phosphite 30, 0-0-27** apply with at least 1 gallon of water.

- Weight per gallon: 12.31 lbs. (5.58 kg)
- Each gallon contains: 3.70 lbs. of Phosphite and 3.32 lbs. of Potassium
- Equivalent to 4.41 lbs. Phosphorous Acid per gallon.
- Contains 7.03 lbs per gallon or 56% Mono and Di-potassium salts of Phosphorous Acid
- pH: 6.8 - 7.0

# Phosphite 30™

Potassium Polyphosphite

## 0-0-27

## Foliar Phosphite for Ornamentals, Bedding Plants, Conifers & Trees

#### Directions for Use:

#### Ornamentals, Bedding Plants, Conifers & Trees

**Foliar:** Apply 2.5 - 5 gallons of **Phosphite 30, 0-0-27** per 160 gallons of water to fertilizer 3-4 acres. Use the higher rate of 5 gallons of **Phosphite 30, 0-0-27** per 3 acres for plants that need additional growth & recovery. Apply every 2-4 week intervals after plants become established.

For smaller areas, apply 1 – 2 quarts (16-32 oz.) of **Phosphite 30, 0-0-27** per 100 gallons of water, or 1/3 fl. Oz. to 2/3 fl. Oz. per gallon of water. (2.5 to 5 L/1000 L of water) Apply lower rate at 2-4 week intervals after plants become established.

**Soil Drench:** Mix 12-24 oz. of **Phosphite 30, 0-0-27** and 64 oz. of **FloThru Plus** Penetrant per 100 gallons of water to make diluted solution. (FloThru Plus Penetrant breaks water tension and helps diluted solution to evenly move into the soil media.)

**Application of Soil Drench:** Apply 1-2 pints of diluted solution per sq. foot. Adjust volume as needed to thoroughly wet media. Apply at 2-3 week intervals and repeat as needed.

**Trunk Injections:** 3 teaspoons per linear yard of canopy width or 2 inches of trunk diameter at breast height (DBH) (15 milliliters per linear meter of canopy width or 5 centimeters DBH) Inject directly into tree. Apply according to injection equipment instructions. Adjust rate based on injection equipment suggestions for specific applications.

**Fertigation:** **Phosphite 30, 0-0-27** may be injected through fertigation systems. The systemic action of **Phosphite 30, 0-0-27** allows foliar and root uptake within the plant. Inject the equivalent of 1 - 1.2 gallon of **Phosphite 30, 0-0-27** per acre. Use the lower rate for weekly injections. Use higher injection rate when applying every 10 to 14 days or during higher stress conditions.

#### Tank Mixing Information:

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 3/4 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 Fertilizers,
- 8) Spray adjuvants

Before mixing multiple chemicals and/or fertilizers in the tank, confirm product compatibility by performing a jar test. Be sure to mix with plenty of water.

#### 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.

#### Available Container Sizes:

- 2 x 2.5 gal (2 x 9.46 L)
- 30 gal (113.56 L) Drum
- 55 gal (208.20 L) Drum
- 275 gal (1040.99 L) Tote

Store above 32° F. Do not allow to freeze.

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