



# PolyPhosphite 30<sup>®</sup> (0-0-27)



## Systemic Foliar Potassium Polyphosphite

Patented 9-link potassium polyphosphite manufacturing process ensures the longest lasting phosphite protection IN the plant

### Guaranteed Analysis

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

Derived from  
Phosphorous Acid and Potassium Hydroxide

**PolyPhosphite 30<sup>®</sup> (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. This unique manufacturing process of **PolyPhosphite 30<sup>®</sup> (0-0-27)** produces a long 9 link chain, potassium polyphosphite molecule that ensures extended phosphite availability when it is in the plant. Phosphites stimulate the plant's natural defense mechanism.

**PolyPhosphite 30<sup>®</sup> (0-0-27)** translocates systemically within the plant, which means whether it is applied as a foliar or to the plant's roots, the **PolyPhosphite 30<sup>®</sup> (0-0-27)** will move throughout the plant.

**PolyPhosphite 30<sup>®</sup> (0-0-27)** also contains potassium that will systemically move within the plant. The role of potassium is to enhance the strength of the plant's cell walls by activating multiple enzymes involved in plant growth, preventing loss of water and minimizing drought stress to the plant.

- Weight per gallon: 12.5 lbs. (5.67 kg)
- 7.03 lb per gallon of the active ingredients, mono- and di-potassium salts of Phosphorous Acid (56% by weight). Equivalent to 4.41 lb phosphorous acid per gallon
- Each gallon contains:  
3.38 lb Potassium  
3.75 lb Polyphosphite
- pH: 6.8-7.2

### Directions for Use:

**Greens, Tees and Fine Turf:** Apply 2.0 - 6.0 oz. of **PolyPhosphite 30<sup>®</sup> (0-0-27)** with 1.5 - 2 gallons of water per 1,000 sq. ft. (0.7 - 2.0 gallons of **PolyPhosphite 30<sup>®</sup> (0-0-27)** with 66 - 88 gallons of water per Acre) every 10 to 21 days throughout the growing season. This application shall provide 0.05 - 0.18 lb. of actual Potassium per 1,000 sq. ft.

**Fairways, Roughs, Sports Turf and Lawns:** Apply 1.0 - 1.5 gallons per Acre of **PolyPhosphite 30<sup>®</sup> (0-0-27)** with 44 - 88 gallons of water per acre (3.0 - 4.4 oz. of **PolyPhosphite 30<sup>®</sup> (0-0-27)** with 1 - 2 gallons of water per 1,000 sq. ft.) every 14 days throughout the growing season. This application shall provide 0.08 - 0.11 lb. of actual Potassium per 1,000 sq. ft.

**Fertigation: PolyPhosphite 30<sup>®</sup> (0-0-27)** may be injected through fertigation systems. The systemic action of **PolyPhosphite 30<sup>®</sup> (0-0-27)** allows foliar and root uptake within the turf plant. Inject the equivalent of 1 - 1.2 gallons of **PolyPhosphite 30<sup>®</sup> (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.

**Tree & Shrubs:** Broadcast Soil Method: Mix **PolyPhosphite 30<sup>®</sup> (0-0-27)** at 2 quarts per 100 gallons of water and apply as a soil drench or soil injection at the rate of 25 gallons per 1000 sq. ft. of root zone.

**Basal Drench/ Injection:** Mix **PolyPhosphite 30<sup>®</sup> (0-0-27)** at the rate of 2 gallons per 100 gallons of water. Drench the soil near the stem of the shrub or tree at the rate of 1 quart per inch of stem diameter at 4.5 feet (DBH) or 1 quart per foot of height for shrubs. A soil wetting agent can be added to the mixture to improve soil penetration.

**Foliar Spray:** Mix **PolyPhosphite 30<sup>®</sup> (0-0-27)** at the rate of 2 quarts per 100 gallons and apply a spray to wet the foliage. The addition of a sticker spreader at labeled rates is recommended.

Application Rates for PolyPhosphite 30 <sup>®</sup> (0-0-27)					
Fluid Oz/ 1,000 sq. ft.	Gallons/ One Acre	ML/ 100 M <sup>2</sup>	L/HA Litre/ Hectare	Potassium/ 1,000 sq. ft.	Phosphite/ 1,000 sq. ft.
2.0	0.7	64	6	0.06	0.05
3.0	1.0	95	10	0.09	0.08
4.0	1.4	127	13	0.12	0.11
4.4	1.5	140	14	0.13	0.12
6.0	2.0	191	20	0.18	0.16

### Available Container Sizes:

- 2 x 2.5 gal (2 x 9.46 L) Case
- 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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