

Super Phos[®]



Guaranteed Analysis

0-50-0

Total Phosphate (P₂O₅) 50.0%

Derived From:
Phosphoric Acid.

Physical Properties:

Form: Liquid
Appearance: Clear, light greenish amber, having a slight characteristic odor.
Weight: 12.68 lb/gal, 1.52 kg/L
pH: ≤ 1.0

Caution:

Keep out of reach of children.
Harmful if swallowed. The vapors, mists and liquid may cause severe irritation or burns to all tissues contacted. Phosphoric acid may generate flammable hydrogen gas on contact with most metals.

Storage and Disposal:

Do not store this product below 50°F (10°C) or above 90°F (30°C). Keep product in original container. Do not transfer into food or drink containers. Triple rinse container when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations.

Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, plant and soil conditions, and other factors are beyond the control of the seller.

For more info on this product:



The Solution for Maximum Phosphate Availability

Huma[®] Super Phos[®], carbon-complexed with Micro Carbon Technology[®], can be foliar-applied, according to label directions, without the risk of phytotoxicity. When soil-applied, it keeps phosphate available and soluble in the soil solution for rapid uptake by plant roots without being blocked by clays, metal ions, or organic matter. Phosphate encourages the production of amino acids, proteins, and carbohydrates necessary for cellular division.

Benefits of Use:

- Resists “tie-up” with calcium or aluminum to remain water soluble and available to plant roots
- Moves with irrigation water to aid in proper placement
- Can be tank-mixed to improve availability of other phosphorus solutions
- Is non-salt-forming
- Aids in phosphorus uptake in cold or waterlogged soils
- Is useful in the cleaning and maintenance of drip irrigation systems
- Aids in phosphorus uptake in high pH or calcareous soils

Deficiency Symptoms-When to Apply:

- Slow growth; stunted plants
- Purplish coloration on foliage of some plants (older leaves first)
- Dark green coloration with tips of leaves dying
- Poor grain, fruit, or seed development

Application Instructions:

SHAKE WELL BEFORE USING. Designed for soil and/or foliar application. Can be applied in combination with compatible plant growth regulators, pesticides, or other liquid fertilizers. If compatibility is in question, jar test a small quantity. Do not foliarly apply this product in concentrations greater than 10% without a preliminary foliar test.

METHOD OF APPLICATION	SUGGESTED RATE		
	Field Crops, Sod, and Specialty Crops	Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 2 quarts/acre, 5 liters/hectare	Up to 3 oz/1000 ft ² , 105 mL/100 m ²	—
Foliar broadcast or sprinklers: solid, set, linear, or pivot (100% speed)	Up to 1 gallon/acre, 10 liters/hectare	Up to 6 oz/1000 ft ² , 210 mL/100 m ²	Up to 2 gallons/acre, 20 liters/hectare
Soil banded or injected through drip tape or micro sprinklers.	Up to 2 gallons/acre, 20 liters/hectare	Up to 9 oz/1000 ft ² , 315 mL/100 m ²	Up to 3 gallons/acre, 30 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 3 gallons/acre, 30 liters/hectare	Up to 12 oz/ 1000 ft ² , 420 mL/100 m ²	Up to 4 gallons/acre, 40 liters/hectare



This product contains Micro Carbon Technology[®] (MCT), a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.