



SUPER PHOS[®] (Phos-Max[™]) Macronutrient

Guaranteed Analysis 0-50-0

Available Phosphate (P₂O₅)..... 50.00%

Derived From:
Phosphoric Acid.

Also Contains Non-Plant Food Ingredient:
0.01% Organic Matter (derived from leonardite)

Physical Properties:
Form: Liquid
Appearance: Clear, light greenish amber, having no characteristic odor.
Weight: 12.44 lb/gal, 1.40 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:
Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

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, crop conditions, and other factors are beyond the control of the seller.

The Solution for Maximum Phosphate Availability

Huma Gro[®] 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:

Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to foliar application. See table below for specific rate instructions. SHAKE WELL BEFORE USING.

- Designed for both soil and/or foliar application.
- Best results will be obtained when application is concentrated in the active root zone or on the leaf surface.
- Apply foliar sprays with sufficient water to ensure uniform coverage without running off leaf surfaces.

METHOD OF APPLICATION	SUGGESTED RATE	
	Field Crops / Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 2 quarts/acre, 5 liters/hectare	—
Foliar broadcast or sprinklers: solid, set, pivot, linear (100% speed)	Up to 1 gallon/acre, 10 liters/hectare	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 3 gallons/acre, 30 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 3 gallons/acre, 30 liters/hectare	Up to 4 gallons/acre, 40 liters/hectare



Powered by
**MICRO CARBON
TECHNOLOGY**

**This Product Contains Micro Carbon Technology[®], a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.*

