

Phosron® Foliar

ADVANCED PHOSPHATE NUTRITION WITH MOLYBDENUM



Phosron® Foliar is a premium, foliar-applied phosphate product containing molybdenum built with a proprietary blend of FBS Transit®, our patented technology, along with various organic compounds that promote the rapid uptake, absorption and translocation of nutrients in the leaves to increase fruitfulness of the buds, support chlorophyll formation and photosynthesis. Phosron Foliar is designed for use on all crops including orchards, tree nuts, vineyards, fruit, vegetable, grain, and forage crops. Phosron Foliar is ideally suited for specific spray timings when plant demand for phosphate is high and potassium minimized so as not to negatively affect uptake of other nutrients such as calcium.

Benefits of Phosron Foliar

- Supplies Readily Available Phosphate to Plants
- Orthophosphate Form Provides Immediate Uptake and Systemic Movement Throughout the Plant
- Helps Jump Start Growth when Soils are Cold or Wet
- Supports ATP Formation to Replenish the Plant's Energy Supply
- Molybdenum Helps Plant Convert Nitrogen into Proteins
- Improves Plant Health & Quality

ADVANCED FOLIAR TECHNOLOGY

Increased Foliar Penetration

- Low molecular weight organic acids complex the nutrients for rapid absorption through tissue

Phloem Mobility

- Reduces the binding of nutrients which allows for increased mobility of low phloem-mobile nutrients

Tank Compatibility

- Reduces antagonism with pesticides, other fertilizers, and hard water in the tank for increased compatibility

Crop Safety

- Low risk of phytotoxicity



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TECHNICAL INFORMATION

The nutrient and organic compounds in Phosron® Foliar address phosphate and molybdenum deficiencies commonly present in many soils.

Importance of Phosphorus in Plants

Phosphorus (P) is essential for photosynthesis to occur. Plants must have phosphorus for normal growth and maturity, as it is a vital part in photosynthesis, respiration, energy storage and transfer, and cell division. Phosphorus is involved in the formation of all oils, sugars, and starches, and encourages root development and early seedling growth to ensure a quick and healthy start for longer growing seasons. Phosphorus captures and converts the sun's energy into chemical energy and used by plants to form nucleic acids, which regulates protein synthesis.

Importance of Molybdenum in Plants

Molybdenum is important for phosphate metabolism. Molybdenum also is required by plants for the utilization of nitrogen. Nitrate-nitrogen is converted to amino acids by the nitrate reductase enzyme; this enzyme requires molybdenum.

RECOMMENDATION & COMPATIBILITY

For applications on all crops apply 2 to 5 quarts per acre at any growth stage to the vegetative or flowering part of the crop. When using spray volumes of 50 gallons per acre or greater, always use the higher labeled spray rates. Repeat every two to four weeks during periods of high phosphorus demand by the crop.

Phosron Foliar should be applied as a foliar spray. Spray in the late evening or early morning. DO NOT spray in the heat of the day. DO NOT spray when the plant is under moisture stress. Use as fine of a spray mist as possible. DO NOT spray to the point of runoff. Allow 3-4 hours after application before sprinkler irrigating to avoid washing the product off.

Recommended mixing sequence: water, adjuvants, pesticides, FBSciences nutrient products, other fertilizers, balance of water while agitating. When mixing with calcium or micronutrient fertilizers, add a citric acid buffer until the pH is 4.5 to 5.0 to improve compatibility and uptake. Ensure agitation is available when mixing with calcium fertilizers. A standard jar test is recommended before tank mixing.

May be applied in combination with other FBSciences' products such as CellMate® Foliar and Zicron® Foliar.

See product label for complete Directions For Use.

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GUARANTEED ANALYSIS

Total Nitrogen (N)	7.0%
7.0% Ammoniacal Nitrogen	
Available Phosphate (P₂O₅)	21.0%
Soluble Potash (K₂O)	3.0%
Molybdenum (Mo)	0.2%

Derived from: Derived from: ammonium hydroxide, low biuret urea, phosphoric acid, potassium hydroxide, and sodium molybdate.

Net Weight

10.7 lbs per Gallon @ 68° F

1.3 kgs per Liter @ 20° C

ESSENTIAL ON A WIDE VARIETY OF CROPS

