



FOLIAR HI-PHOS 12-46-8

Plus Sulfur and Micronutrients

READ ENTIRE CONTAINER LABEL BEFORE USING THIS PRODUCT

GUARANTEED ANALYSIS: 12-46-8

Total Nitrogen (N).....	12.00%
9.5% Ammoniacal Nitrogen	
1.2% Nitrate Nitrogen	
1.3% Urea Nitrogen	
Available Phosphate (P ₂ O ₅).....	46.00%
Soluble Potash (K ₂ O).....	8.00%
Sulfur (S) Total.....	2.00%
2.00% Sulfur (S) Combined	
Boron (B) Total.....	0.02%
Copper (Cu) Total.....	0.05%
0.05% Soluble Copper (Cu)	
Iron (Fe) Total.....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn) Total	
0.05% Soluble Manganese (Mn)	
Molybdenum (Mo) Total.....	0.0005%
0.0005% Soluble Molybdenum (Mo)	
Zinc (Zn) Total.....	0.05%
0.05% Soluble Zinc (Zn)	

Derived from: Ammonium Phosphate, Ammonium Sulfate, Mono Potassium Phosphate, Potassium Nitrate, Urea, Sodium Borate, Copper Sulfate, Iron EDTA, Manganese Sulfate, Sodium Molybdate and Zinc Sulfate.

CAUTION
KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED
AVOID BREATHING DUST.

WARNING
Excess amount of Boron (B) can cause plant injury

APPLICATION IN IRRIGATION WATER
Solid Set, Overhead, Sprinkler or Pivot Irrigation Systems: Dissolve FIRST CHOICE FOLIAR HI-PHOS in mix tank and apply 8-10 lbs. per acre in irrigation water. Use of anti-siphon or back-check valve is required to prevent material from running back into primary water supply.

GENERAL DIRECTIONS

FIRST CHOICE FOLIAR HI-PHOS is generally compatible with pesticides and other fertilizers. Determine compatibility with a jar test before mixing products.

DILUTE APPLICATIONS: 3 to 5 lbs. per 100 gal. of water

SEMI-CONCENTRATE: 5 to 20 lbs. per acre in 40 to 100 gal. of water.

AIR APPLICATION: 5 to 10 lbs. per acre in sufficient water for good coverage.

•Fill tank with water. Start agitation. Add FIRST CHOICE FOLIAR HI-PHOS slowly and continue agitating until product is completely dissolved. Use this procedure only. DO NOT pre-mix as a slurry. Add pesticide last.

•Exceeding 2 lbs. FIRST CHOICE FOLIAR HI-PHOS or other materials, per gallon of water will over-saturate spray solution and cause a precipitate.

•When temperatures are cold, allow extra time for this product to completely dissolve.

•If additional wetting is required, add a non-ionic spreader at 1 pint per 100 gal. or 1 pint per acre by air.

•Avoid foliage application when plants are suffering from abnormal growing conditions due to heat stress or drought.

•Do not use on Golden Delicious during slow drying conditions.

SMALL GRAINS: (Wheat, oats, barley, rye). Use 5 to 10 lbs. per acre in sufficient water to cover by air or ground. Apply at tillering and again at early boot stage.

CAUTION: Use only with ester forms when combining with 2,4-D. Do not use with amine form of 2,4-D or dicamba (e.g. Banvel).

DECIDUOUS FRUITS: (Apples, pears, cherries, plums, prunes, peaches, almonds, walnuts, filberts, pistachios and pecans). Apply in pre-bloom and post-bloom sprays at 3 to 5 lbs. per 100 ga. In dilute sprays or 10 to 15 lbs. per acre in concentrate sprays. Avoid combining with materials that may cause russetting. Post-harvest application of 10 to 40 lbs. per acre can enhance tree vigor and increase nutrient levels within spurs the following season.

HOPS: Ground sprayers: Use 8 to 10 lbs. per acre in 100 to 200 gallons of water. Air application use 5 to 10 lbs. per acre in no less than 10 gal. of water. Apply when hops are halfway up wire and again when they reach the top of the wire.

GRAPES: Ground sprayers: use 5 to 10 lbs. per acre in 50 to 100 gal. of water. Air application: use 5 to 10 lbs. per acre in 10 gal. of water. Apply when leaves emerge, pre-bloom and post-bloom until grapes are ¼ size.

POTATOES: Use 10 lbs. per acre. Apply when plants are 4" to 6" high (hooking stage). Subsequent applications at 2 to 3 week intervals. Later applications may prevent "early die" symptoms.

CORN: (Field and sweet). Use 8 to 10 lbs. per acre. Apply when corn is 6" 8" high and again prior to tasseling.

BEANS, PEAS, LENTILS, RAPESEED (Canola): Use 5 to 10 lbs. per acre. Apply at first sign of bloom. Repeat 2 weeks later.

COLE CROPS, LETTUCE, LEAFY VEGETABLES: Use 8 to 10 lbs. per acre. Apply right after thinning or transplanting. Repeat every 10 to 14 days. Additional wetting may be needed.

SUGAR BEETS: Use 8 to 10 lbs. per acre. Apply when leaves are 10" across. Repeat 3 to 4 weeks later. Additional wetting may be needed.

FIELD CROPS: (Mint, alfalfa, clover). Use 8 to 10 lbs. per acre. Apply when plants have 6" to 8" new growth. Repeat to new growth after each cutting.

ONIONS, GARLIC, TOMATOES, PEPPERS: Use 8 to 10 lbs. per acre. Begin application prior to bloom. Repeat every 2 to 3 weeks thereafter.

BERRIES: (Strawberries, raspberries, blackberries, blueberries). Use 5 to 10 lbs. per acre in spring on new growth. Repeat at pre-bloom and 3 weeks later. Use sufficient water for good coverage.

CRANBERRIES: Use 8 to 10 lbs. per acre. Apply at popcorn stage. Repeat at hooking and 3 weeks later.

GARDENS, SHRUBS, FLOWERS, LAWNS: Dissolve ½ lb. in 10 gal. water and apply to foliage with sprayer. For ground application use 1 lb. per 1,000 sq. feet.

COMPATIBILITY: FIRST CHOICE FOLIAR HI-PHOS is compatible with most commonly used pesticides. Do not use with lead arsenate, hydrated lime, lime sulfur, or other strongly alkaline materials. Do not use with amine for of 2,4-D or with dicamba (e.g. Banvel). In all cases it is recommended that a jar test be made to determine compatibility of **FIRST CHOICE FOLIAR HI-PHOS** with other materials before proceeding with high volume mixing.

CONDITIONS OF SALE

1. Seller warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed herein. Seller neither makes nor authorizes any agent or representative to make, any other warranty of FITNESS or MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond seller's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated herein, and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by seller under 1. above) resulting from handling, storage and use of the material.

NET WEIGHT 50 LBS./(22.68 Kg.)

Manufactured Exclusively For:
Western Farm Service, Inc.
Jerome, Idaho 83338

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