

GAINER® HIGH PHOS

A WATER SOLUBLE PLANT FOOD CONCENTRATE

10-45-10

GUARANTEED ANALYSIS

Total Nitrogen (N)	10.00%
8.90% Ammoniacal Nitrogen	
1.10% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	45.00%
Soluble Potash (K ₂ O)	10.00%
Sulfur (S)	3.00%
3.00% Combined Sulfur (S)	
Boron (B)	0.02%
0.02% Water Soluble Boron (B)	
Copper (Cu)	0.05%
0.05% Water Soluble Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Water Soluble Manganese (Mn)	
Molybdenum (Mo)	0.0005%
0.0005% Water Soluble Molybdenum (Mo)	
Zinc (Zn)	0.05%
0.05% Water Soluble Zinc (Zn)	

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

KEEP OUT OF REACH OF CHILDREN



WARNING

Causes eye irritation. May cause damage to central nervous system, lungs, kidney, pancreas, and liver through prolonged or repeated inhalation or ingestion.

PRECAUTIONARY STATEMENTS

Wash hands thoroughly after handling. Do not breathe dust. Dispose of contents/container in accordance with Federal, state and local regulations.

FIRST AID

IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Get medical attention if you feel unwell.

In case of medical emergency, call toll free 1-877-424-7452

FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:
CHEMTREC 1-800-424-9300

Acidifying: **GAINER HIGH PHOS** is a very efficient and economical acidifying agent for alkaline water. Beginning with an initial pH of 8.1, **GAINER HIGH PHOS** will normally reduce the pH of the spray solution as follows:

Concentration	pH
1 lb. / 100 gal.	6.3
1 lb. / 50 gal.	5.9
1 lb. / 10 gal.	4.8
1 lb. / 1 gal.	4.0

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.html>

WARRANTY DISCLAIMER

Winfield Solutions, LLC warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

DISTRIBUTED AND GUARANTEED BY:

Winfield Solutions, LLC

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GENERAL DIRECTIONS

GAINER is generally compatible with pesticides and other fertilizers. Determine compatibility with a jar test before mixing products.

APPLICATION IN IRRIGATION WATER

Solid Set, Overhead, Sprinkler or Pivot Irrigation Systems: Dissolve **GAINER** in mix tank and apply 8-10 lbs. per acre in irrigation water. Use of anti-siphon or back-check valve is recommended to prevent material from running back into primary water supply.

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 **GAINER** slowly and continue agitating until product is completely dissolved. Use this procedure only. **DO NOT** pre-mix as a slurry. Add pesticide last.
- 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 Apples during slow drying conditions.
- Exceeding 2 lbs. **GAINER**, or other materials, per gallon of water will over-saturate spray solution and cause a precipitate. **Do not exceed 2 lbs. GAINER per gallon of water.**

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

DECIDUOUS FRUITS: (Apples, pears, cherries, plums, prunes, peaches, almonds, walnuts, filberts, pistachios and pecans). Apply in delayed dormant, pre-bloom, and post-bloom sprays at 3 to 5 lbs. per 100 gal. 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.

CITRUS: Ground Sprayers: Use 8 to 10 lbs. per acre. Apply at 7-10 day intervals (Higher rate for full bearing trees.)

VINE CROPS (Melons, Cucumbers, etc.): Ground Sprayers: Use 8 to 10 lbs. per acre when plants are 12"-14" across. Subsequent applications: Apply 8-10 lbs. per acre at the first sign of bloom. 2-3 weeks following the second application, apply 8-10 lbs. per acre as needed. Air Application: use 5 to 10 lbs. per acre in no less than 10 gallons of water.

HOPS: Ground sprayers: Use 8 to 10 lbs. per acre in 100 to 200 gallons of water. Air application: use 5 to 8 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 100 to 200 gal. of water. Air application: use 5 to 8 lbs. per acre in no less than 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 should be made 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: Use 8 to 10 lbs per acre. Apply at 5 leaf stage and continue applications on a 14 day schedule through bulking.

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.

COTTON: Use 5 lbs. per acre. Begin after formation of second leaf for a total of 4 to 8 applications depending upon growing conditions. 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.

CROPS NOT LISTED: Apply according to directions of your local agricultural professional to crops where the addition of Nitrogen, Phosphorous or Potassium would be beneficial.

COMPATIBILITY: **GAINER** 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 form 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 **GAINER** with other materials before proceeding with high volume mixing.

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NOTE: This product is not recommended for use with copper or tin fungicides. These mixtures can be phytotoxic and damage the crop.

