



HI-PHOS LC 8-30-2

GUARANTEED ANALYSIS

Total Nitrogen (N)	8.00%
8.00% Ammoniacal Nitrogen	
Available Phosphate (P ₂ O ₅)	30.00%
Soluble Potash (K ₂ O)	2.00%
Boron (B)	0.02%
Copper (Cu)	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

Derived from ammonium phosphate, potassium phosphate, iron EDTA, copper EDTA, manganese EDTA, zinc EDTA, sodium borate, Chlorine (Cl), not more than 0.04%

KEEP OUT OF REACH OF CHILDREN

WARNING

Harmful if swallowed
May be harmful in contact with skin
May be harmful if inhaled
Causes mild skin irritation
Causes eye irritation



Wt. Per Gal. 11.34 lbs. (5.14 kg)

SN 112514/0816G

NET CONTENTS: 2.5 gal. (9.46 L) Jug
 2 x 2.5 gal. (2 x 9.46 L) Case
 250 gal. (946.35 L)
 Bulk

Contains Boron. Do not use on plants sensitive to Boron. Use of Boron on crops other than those recommended may result in serious injury to the crop.

Information about the components of this lot of fertilizer may be obtained by writing to Helena Chemical Company, 225 Schilling Boulevard, Suite 300, Collierville, TN 38017 and giving the lot number which is found on the container.

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

Use in accordance with recommendations of a qualified individual or institution, such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan. Rates and frequency of application will depend on individual management program.

F224

MANUFACTURED FOR
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TN 38017
901-761-0050

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

Harmful if swallowed. May be harmful in contact with skin. May be harmful if inhaled. Causes mild skin irritation. Causes eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after

handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE): Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks. Do not smoke, drink, or eat while using this product. Take off any contaminated clothing and wash before reuse.

FIRST AID	
IF SWALLOWED:	Call a poison center or doctor if you feel unwell: Rinse mouth.
IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
IF ON SKIN:	Remove contaminated clothing and wash skin with soap and water. If skin irritation occurs, get medical advice/attention.
IF INHALED:	Call a poison center or doctor if you feel unwell.

STORAGE AND DISPOSAL

Keep container tightly closed. May be stored in unheated area, but keep from freezing. Do not contaminate water sources by cleaning of equipment or disposal of rinse-water. Dispose of empty containers by triple rinsing (or equivalent) with water and pouring rinsate into spray tank. Recycle rinsed containers whenever possible or puncture and discard empty containers in a landfill in accordance with current local, state, international and federal regulations.

GENERAL INFORMATION

ELE-MAX® HI-PHOS LC 8-30-2 is a liquid plant nutrient solution that provides plants with many of the necessary elements required for growth. It provides trace elements and plant nutrients which improves the general plant condition and is a valuable supplement to soil fertilizer programs, particularly where there are adverse conditions for the uptake of primary nutrients from the soil.

Compatibility: ELE-MAX® HI-PHOS LC 8-30-2 is compatible with most fungicides, insecticides and herbicides. Some exceptions are alkaline mixtures like lime sulfur.

RECOMMENDATIONS

ELE-MAX® HI-PHOS LC 8-30-2 may be applied to many crops (including row crops) since all plants are capable of absorbing nutrients through the leaves. The use of ELE-MAX® HI-PHOS LC 8-30-2 for foliar feeding is particularly advantageous on crops that have fast and heavy foliar growth, including vegetable plants, potatoes, sugar beets, grapes, hops, cotton, citrus, fruits, coffee, tobacco, etc.

SUGGESTED DIRECTIONS

ELE-MAX® HI-PHOS LC 8-30-2 should be used in all crop protection sprays including sprays with a minimum volume of 5 gallons/A by ground and 2 gallons/A by air.

WARNING: If spray mix concentrations exceed 1 quart in 5 gallons of solution, caution should be used. Factors such as weather, crop stress, sensitivity of the crop and experience with rates and concentrations should be taken into account.

The following table is a guide for the use of ELE-MAX® HI-PHOS LC 8-30-2 as a plant nutrient. Rates and frequency of application will depend on individual management programs. Compatibility tests are always recommended prior to preparing a spray mixture of ELE-MAX® HI-PHOS LC 8-30-2.

CROP	Suggested Rate QTS./ACRE
ALFALFA Apply after each cutting for hay. On seed alfalfa, make 4 applications.	1-4
ALL FRUIT AND NUT TREES Apply with pre- and post-bloom crop protection spray. See NOTE at end of table.	1-2
APPLES, PEACHES, AND PEARS Apply with crop protection spray. Include in each application of the summer spray program.	2-4
BEANS, PEAS, CORN, RYE, BARLEY, WHEAT Apply with crop protection sprays or at 7- to 10-day intervals. Begin 3 weeks after emergence.	1-4
BUSH FRUIT, BOYSENBERRIES, ETC. Apply with crop protection sprays.	1-3
CABBAGE, CAULIFLOWER, KALE, BRUSSELS SPROUTS, SPINACH, TURNIPS, BROCCOLI, ETC. Apply at 7- to 10-day intervals. A minimum of 4 applications recommended.	1-3
CANTALOUPE Apply once per week through the growing season.	2-3
CARROTS, PARSLEY, ARTICHOKE Frequency of application depends on prevailing weather conditions and amount of growth desired. Do not use more than 1 quart per 15 gallons of spray.	1-3
CELERY, LETTUCE, ENDIVE, CHINESE CABBAGE, ETC.	1

Disclaimer: Always refer to the label on the product before using Helena or any other product.

Begin applications as soon as 3 rd and 4 th leaves begin to form. Apply at 7- to 10-day intervals.	
CITRUS, AVOCADO Apply with crop protection spray from pre-bloom through late summer. See NOTE at end of table.	8-10
COTTON Apply any time prior to first bloom for quicker recovery from stress conditions.	1-3
CUCUMBERS Apply 2-3 weeks before first bloom and 14 days after.	2-4
GRAPES, THOMPSON SEEDLESS, RAISIN CULTURE Apply at 6-inch shoot stage and at pre-bloom stage of growth.	1-2
GRAPES, JUICE Apply at buckshot stage of growth.	1
HOPS Apply when vines are halfway to wire. Repeat in 2 weeks.	1-3
MINTS Apply with crop protection sprays.	2-3
MUSKMELON Apply 2-3 weeks before first bloom and 10-14 days later.	4
ONIONS, GARLIC Apply at 2- to 3-week intervals until just prior to blooming.	1-2
PEANUTS Apply with crop protection sprays.	1-3
POTATOES, PEPPERS Apply with crop protection sprays or at 7- to 10-day intervals. Begin 3 weeks after emergence.	1-4
RICE Apply anytime during the growing season before the flag leaf emerges.	1-2
SQUASH, MELONS, PUMPKIN Apply 2-3 weeks before first bloom and 10-14 days later.	2-4
SOYBEANS Apply any time during the growing season for faster recovery from stress conditions. May be applied with crop protection sprays.	1-4
SUGAR BEETS 2-3 applications have shown marked increase in beet and sugar yield.	2-4
TOBACCO FOR TRANSPLANTING Apply in transplant water.	4
TOBACCO FOR BEDS Water beds in usual manner. Frequency of applications depends on amount of color and growth desired.	1
TOBACCO Apply with crop protection sprays.	1-2
TOMATOES, CANNING Apply at first fruit set, 1" fruit and first color.	2-3
TOMATOES, FRESH Apply with crop protection sprays or at 7- to 10-day intervals. Begin 3 weeks after emergence.	1-2
TRANSPLANTING (except TOBACCO) Apply in transplant water.	2-4
GENERAL USE Apply to crops and ornamentals in regular crop protection spray programs. Monthly applications of ELE-MAX® HI-PHOS LC8-30-2 are highly beneficial.	1 qt. per 100 gals. or 1-3 qts. per acre

NOTE: Do not use in the dormant spray program with dinitro compounds, dormant oil, lime sulfur, or highly alkaline spray materials.

CONDITIONS OF SALE—LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale—Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

This label is believed to be reliable and must be followed carefully. Injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind,

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express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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