

SPECIMEN LABEL



PhosCal-Zin FL

Foliar Nutritional Liquid Flowable

4-15-0

GUARANTEED ANALYSIS

Total Nitrogen (N).....	4.00%
4.00% Urea Nitrogen	
Available Phosphate (P ₂ O ₅).....	15.00%
Calcium (Ca).....	13.00%
Zinc (Zn).....	7.70%
Derived from urea, calcium phosphate, calcium carbonate and zinc phosphate.	
Nutrient content per gallon: 2 lb. P ₂ O ₅ , 1 lb. 11 oz. Ca, 1 lb. Zn	

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Inside Panel for Additional Precautionary Statements.

SN 0804/0205-LUS3431

WT. PER GAL: 13.05 lbs. (5.92 kg)

NET CONTENTS: 2.5 GAL. (9.46 L)

NET WEIGHT: 32 lbs. 10 oz. (14.80 kg)

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>.

Contents Made In Great Britain.

F224

MANUFACTURED FOR

HELENA CHEMICAL COMPANY

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE, TN 38017

A formulated product for the treatment of phosphorus, calcium and zinc deficiencies by foliar application.

PRECAUTIONARY STATEMENTS

CAUTION

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

Particles in suspension, entry into eyes may cause irritation. May cause skin irritation. Avoid skin and eye contact. Wear suitable gloves and faceshield when handling this product. Avoid contact with formulated product. May be harmful if ingested. Do not take internally. Avoid contact with or inhalation of the spray mist. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling.

WHAT TO DO IN CASE OF CONTACT:

IF IN EYES: Flush eyes with water for 15 minutes, holding eyelids open. Obtain medical attention if irritation develops.

IF ON SKIN: Remove contaminated clothing and wash skin thoroughly with soap and water. Call a doctor if irritation develops.

IF SWALLOWED: If conscious, give milk or water to drink. Immediately call a doctor.

IF INHALED: Move to fresh air and call a doctor if irritation develops.

If there is contact made with the spray solution containing pesticides and/or spray adjuvants, follow the "Statement of Practical Treatment/First Aid" on the product(s) labeling.

STORAGE AND DISPOSAL

Keep in a cool, dry chemical store, out of reach of children and livestock. Protect from frost. Keep container tightly closed, do not allow water to be introduced to the contents of this container. Store at temperatures above 32°. Do not contaminate water sources by cleaning of equipment or disposal of spray waste. Dispose of empty containers by triple rinsing with detergent solution or puncture and discard empty containers in a landfill in accordance with current local, state and federal regulations.

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

GENERAL INFORMATION

PhosCal-Zin FL is designed to accumulate calcium, zinc and phosphorus in crops to the benefit of their nutrition.

This product is recommended for use as a supplement to a well-balanced fertilizer program only. It is not intended nor implied to be a substitute for sound soil fertilization and good conventional cultural practices.

For additional information on product or programs or if you are unfamiliar with any of the application methods, contact your local Helena representative or authorized Helena dealer.

Avoid application under extremes of climate, e.g. rapid drying conditions, extremely slow drying conditions, frost, rain, or when frost or rain are anticipated.

DIRECTIONS FOR USE

Shake the container thoroughly before use.

FOLIAR DOSE RATE AND TIMINGS

Alfalfa: 2 quarts/acre when sufficient cover to intercept spray, and also at flower bud formation. Water rate: 3 to 20 gallons/acre.

Apple: 2 to 4 quarts/acre commencing at petal fall with repeat applications at 10 to 14 day intervals. On russet sensitive varieties delay applications until 6 weeks after petal fall. Water rate: 50 gallons/acre.

Beans: 2 quarts/acre applied before flowering. Water rate: 3 to 25 gallons/acre.

Blueberries: 4 quarts/acre applied at new leaf growth in the spring. Water rate: 3 to 50 gallons/acre.

Canola: 2 to 4 quarts/acre applied 2 to 3 times - at 4 to 6 leaf stage, onset of stem extension, and 10 to 14 days later. Water rate: 25 gallons/acre.

Carrots: 2 quarts/acre applied 2 to 3 times when the crop is 6 inches tall. Repeat at 7 to 10 day intervals. Water rate: 3 to 25 gallons/acre.

Celery: 2 quarts/acre at the 4 to 6 leaf stage. Repeat 10 to 14 days later if necessary. Water rate: 3 to 50 gallons/acre.

Cereals: 2 to 4 quarts/acre at mid-tillering to second node detectable (Zadok's Growth Stage 25 to 32). Water rate: 3 to 25 gallons/acre.

Citrus: 2 to 4 quarts/acre applied 2 or 3 times starting at fruit set with repeat applications at 10 to 14 day intervals. Water rate: 50 to 100 gallons/acre.

Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Calabrese, Cauliflower): 4 quarts/acre applied 2 or 3 times at stem extension/head and repeated at 10 to 14 day intervals. Water rate: 3 to 50 gallons per acre.

Corn: 2 quarts/acre at the 4 to 8 leaf stage. Water rate: 3 to 25 gallons per acre.

Cotton: 2 quarts/acre applied from 10% flowering. Repeat if necessary at 10 to 14 day intervals. Water rate: 3 to 30 gallons/acre.

Cranberries: 2 quarts/acre applied at early bloom. Water rate: 3 to 50 gallons/acre.

Cucurbits (field grown): 2 quarts/acre at the start of flowering. Repeat if necessary at 10 to 14 day intervals. Water rate: 3 to 50 gallons/acre.

Deciduous Nuts: 1 gallon/acre 7 days after petal fall. Repeat if necessary 10 to 14 days later. Water rate: 50 gallons/acre.

Fir Trees: 4 quarts/acre at the start of new season leaf production, and again in early autumn. Water rate: 3 to 50 gallons/acre.

Garlic: 2 quarts/acre at the 6 inches stage, and again 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

Ginseng: 1 gallon/acre applied to early season regrowth. Repeat if necessary 10 to 14 days later. Water rate: 50 gallons/acre.

Grapes: 2 to 4 quarts/acre when new shoots are at the 4 to 6 leaf stage. Repeat if necessary at 10 to 14 day intervals. Water rate: 50 gallons/acre.

Lettuce (field grown): 1 to 2 quarts/acre applied 2 or 3 times commencing 10 to 14 days after transplanting or emergence with 7 to 10 day intervals between applications. Water rate: 50 gallons/acre.

Oilseed Rape: 4 quarts/acre applied two or three times at the 4 to 6 leaf stage, at the onset of stem extension, and 10 to 14 days later. Water rate: 3 to 25 gallons/acre.

Onions (field grown): 1 to 2 applications of 2 quarts/acre applied during bulb filling. Allow a 10 to 14 day interval between sprays. Water rate: 3 to 25 gallons/acre.

Ornamentals: Two and half gallons (2.5 gals) in 100 gallons water (2.5 v/v) as soon as there is sufficient leaf area to obtain thorough coverage. Repeat at 10 to 14 day intervals as necessary. Avoid applications during flowering. Spray a maximum of three applications per crop per annum. **Note: Do not apply within one month of picking/marketing.** Maximum water rate: 20 gallons/acre.

Peanuts: 2 quarts/acre at the 4 to 6 leaf stage. Consider a second application 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

Pears: 4 quarts/acre commencing at petal fall with repeat applications at 10 to 14 day intervals. On russet sensitive varieties delay applications until 6 weeks after petal fall. Water rate: 50 gallons/acre.

Peas: 2 quarts/acre applied before flowering. Water rate: 3 to 25 gallons/acre.

Peppers (field grown): 2 quarts/acre applied 2 to 4 times commencing from flowering on second truss. Repeat at 10 to 14 day intervals. Water rate: 50 gallons/acre.

Potatoes: 4 quarts/acre applied one week after 100% emergence and following petiole analysis during tuber bulking. Repeat as necessary at 10 to 14 day intervals. Water rate: 3 to 25 gallons/acre.

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Raspberries: 4 quarts/acre to new leaf growth in the spring. Water rate: 50 gallons/acre.

Soybeans: 2 quarts/acre applied before flowering. Water rate: 3 to 25 gallons/acre.

Sugar Beet: 2 quarts/acre applied at the 4 to 6 leaf stage. Repeat if necessary at 10 to 14 day intervals. Water rate: 3 to 25 gallons per acre.

Sugar Cane: 4 quarts/acre when the plants are 12 inches tall and again 10 to 14 days later. Water rate: 3 to 50 gallons/acre.

Sunflower: 2 quarts/acre at the 3 to 4 leaf stage. Water rate: 25 gallons/acre.

Stone Fruit (Apricot, Cherry, Nectarine, Peach, Plum): 4 quarts/acre applied 2 to 5 times. First application at pink bud. Thereafter at petal fall with repeat applications at 7 to 14 day intervals. Water rate: 50 to 100 gallons/acre.

Strawberries: 4 quarts/acre to new leaf growth in the spring. Water rate: 50 gallons/acre.

Tomato (field grown): 2 to 4 applications of 2 quarts/acre commencing from flowering on second truss. Repeat at 10 to 14 day intervals. Water rate: 3 to 50 gallons/acre.

Turf: 1.468 to 2.936 fl. oz. / 1000 sq. ft.

For further approved recommendations for this product, please visit www.megalab.net/elemaxlabels and enter 49930134.

MIXING INSTRUCTIONS

Prior to any fertilizer or pesticide application all spray mixing and application equipment must be cleaned. A tank cleaner such as **WipeOut®** is recommended. Carefully observe all cleaning directions on the pesticide label. **Tank Mixing:** Read ALL product labels carefully and adhere strictly to the instructions for use and advice regarding whether or not products should be tank mixed. Many variables, outside the control of Helena Chemical Company, can influence the performance of tank-mixed products and therefore tank mixing of **Ele-Max®** products is entirely at the risk of the end-user. A limited crop area only should be treated initially when using unfamiliar tank mixes. Before tank mixing you, or your advisor, must visit www.tankmix.com/elemax for important information. Alternatively contact Helena Chemical Company for specific information and limits to our liability. Fill the spray or mix tank one half full of water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence:

1. Micronutrients and Fertilizers
2. Compatibility agents
3. Dry flowables or water dispersible granules
4. Wettable powders
5. Flowables
6. Water based solutions
7. Emulsifiable concentrates
8. Spray adjuvants

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 should 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, 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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