



4-0-0

Foliar Nutritional Liquid Flowable

A formulated product for the treatment of calcium deficiency by foliar application.

GUARANTEED ANALYSIS

Total Nitrogen (N) 4.00%
 4.00% Urea Nitrogen
 Calcium (Ca) 23.80%

Derived from urea and calcium carbonate
 Chlorine (Cl), Maximum 00.01%
 Nutrient content per gallon: 3 lb. 5 oz. Calcium (Ca)

KEEP OUT OF REACH OF CHILDREN

WARNING

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

WT. PER GAL.: 14 lbs. (6.36 kg) YSN 052015
 NET CONTENTS: □ 2.5 gal (9.46 L)
 □ 250 gal. (946.35 L)

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
 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.

May be harmful if swallowed. May be harmful in contact with skin. Causes eye irritation. Causes mild skin irritation. May be harmful if inhaled. Keep product locked up and out of the reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Do not take internally. Avoid contact with or inhalation of spray application mist if present 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. Not for human or animal consumption. Personal Protective Equipment (PPE): Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when using this product. Take off any contaminated clothing and wash before reuse.

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a POISON CENTER or doctor immediately. • Rinse mouth. Do NOT induce vomiting. • Do not give anything by mouth to an unconscious person. • Immediately call a POISON CENTER or doctor.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air and keep at rest in a position comfortable for breathing if they feel unwell. • If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a POISON CENTER or doctor for treatment advice.
IF ON SKIN OR HAIR:	<ul style="list-style-type: none"> • Take off immediately all contaminated clothing. Rinse skin with water or shower. • Get medical attention if irritation develops or persists. • Wash contaminated clothing before reuse.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	

STORAGE AND DISPOSAL

Store in original container protected from direct sunlight 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°F. 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.

GENERAL INFORMATION

This product is recommended for use as a supplement to a regular fertilizer program only. It is not intended nor implied to be a substitute for sound soil fertilization and good conventional cultural practices. Thorough coverage of foliage is necessary for best results. When used at standard application and dilution rates, Ele-Max® Calcium FL is compatible with a wide range of agrichemicals.

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: 1 to 2 quarts/acre after every cut when there is sufficient leaf cover to intercept the spray. Water rate: 5 to 50 gallons/acre.

Apples: Repeat applications of 1 to 2 quarts/acre applied from petal fall up to one month before harvest. A single application of up to 1 gallon/acre may be made from petal fall to just after "June drop". Minimum water rate: 30 gallons/acre. For use in Wisconsin: Calcium FL can be applied to this crop in Wisconsin where supplemental calcium has been shown to be of benefit to plant storage organs and where soil test calcium is low. Also on crops where supplemental calcium has been shown to improve the resilience to physiological disorders.

Apricots: Regular applications of 1-2 quarts/acre at 7 to 14 day intervals from petal fall to one month before harvest. Note: Final application to be made at least one month before harvest. Under conditions conducive to fruit russet (variety, weather conditions, etc.) delay applications until 6 weeks after petal fall. Water rate: 15 to 50 gallons/acre. For use in Wisconsin: Calcium FL can be applied to this crop in Wisconsin where supplemental calcium has been shown to be of benefit to plant storage organs and where soil test calcium is low. Also on crops where supplemental calcium has been shown to improve the resilience to physiological disorders.

Blueberries: Apply 1 to 2 quarts/acre, 10 days after petal fall has finished. Bushes being grown for a second cropping year should receive the fruiting year program again. Water rate: 50 gallons/acre.

Brassicas: 1 to 2 quarts per acre applied from the 4 to 9 leaf stage. Repeat as necessary at 10 to 14 day intervals until one month before harvest. Water rate: 5 to 50 gallons per acre.

Cabbage: 1 to 2 quarts/acre applied from the 4 to 9 leaf stage. Repeat as necessary at 10 to 14 day intervals until one month before harvest. Water rate: 5 to 50 gallons/acre.

Carrots: 1 to 2 quarts/acre applied when sufficient leaf area is present to intercept the spray. Repeat as necessary at 10 to 14 day intervals. Water rate: 5 to 50 gallons/acre.

Cherries: Regular applications of 1 to 2 quarts/acre at 7 to 14 day intervals from petal fall to one month before harvest. Note: Final application to be made at least one month before harvest. Under conditions conducive to fruit russet (variety, weather conditions, etc.) delay applications until 6 weeks after petal fall. Water rate: 15 to 50 gallons/acre. For use in Wisconsin: Calcium FL can be applied to this crop in Wisconsin where supplemental calcium has been shown to be of benefit to plant storage organs and where soil test calcium is low. Also on crops where supplemental calcium has been shown to improve the resilience to physiological disorders.

Citrus: 1 to 2 quarts/acre from fruit set until one month before harvest at 10 to 14 day intervals. Water rate: 25 to 100 gallons/acre.

Conifers: 2 quarts/acre at start of new season leaf production and again in early autumn. Water rate: 50 to 100 gallons/acre.

Cotton: 1 to 2 quarts/acre at early flowering. Water rate: 3 to 20 gallons/acre.

Courgettes (Field Grown): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Cranberries: 1 to 3 pints/acre at early bloom. Water rate: 50 gallons/acre. For use in Wisconsin: This product can be applied in Wisconsin where supplemental calcium has been shown to be of benefit to plant storage organs and where soil test calcium is low. Also on crops where supplemental calcium has been shown to improve the resilience to physiological disorders.

Cucumber (Field Grown): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Cucurbits (Field Grown): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Garlic: 1-½ to 2 quarts/acre applied when the crop is 6 inches tall. Water rate: 5 to 50 gallons/acre.

Ginseng: 1 to 2 quarts/acre once new season growth is well underway. Repeat if necessary at 10 to 14 day intervals. Water rate: 50 gallons/acre.

Groundnuts: 1 to 2 quarts/acre at the 4 to 6 leaf stage followed by a second application 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

Lettuce (Field Grown): 1 to 2 quarts/acre applied 10 to 14 days after transplanting or emergence. Repeat as necessary at 10 to 14 day intervals until one month before harvest. Water rate: 5 to 50 gallons/acre.

Melons (Field Grown): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Nectarines: Regular applications of 1 to 2 quarts/acre at 7 to 14 day intervals from petal fall to one month before harvest. Note: Final application to be made at least one month before harvest. Under conditions conducive to fruit russet (variety, weather conditions, etc) delay applications until 6 weeks after petal fall. Water rate: 15 to 50 gallons/acre.

Nuts (Deciduous): 1 to 2 quarts/acre 7 days after petal fall. Water rate: 50 gallons/acre.

Onions (Field Grown): 1 to 2 quarts/acre applied at the 6 leaf stage. Repeat if necessary 10 to 14 days later. Also, 2 quarts/acre at bulb swelling, repeated once or twice at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

Ornamentals: 1 to 2 quarts in 100 gallons water (0.625% v/v) as soon as there is sufficient leaf area to obtain thorough coverage. Repeat at 10 to 14 day intervals as necessary. Avoid application 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.

Peaches: Regular applications of 1 to 2 quarts/acre at 7 to 14 day intervals from petal fall to one month before harvest. Note: Final application to be made at least one month before harvest. Under conditions conducive to fruit russet (variety, weather conditions, etc) delay applications until 6 weeks after petal fall. Water rate: 15 to 50 gallons/acre.

Peanuts: 1 to 2 quarts/acre at the 4 to 6 leaf stage. Water rate: 3 to 20 gallons/acre.

Peas: 1 to 2 quarts/acre applied at the 4 to 6 inches stage. Consider a second application 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

Pears: Repeat applications of 1 to 2 quarts/acre at 7 to 10 day intervals applied from petal fall up to one month before harvest. A single application of up to 2-4 quarts/acre may be made from petal fall to just after "June drop". Minimum water rate: 30 gallons/acre.

Peppers (Field Grown): 1 to 4 applications of 1 to 2 quarts/acre from flowering on second truss onwards up to one month before harvest. Allow 7 days between applications. Water rate: 5 to 50 gallons/acre.

Plums: Regular applications of 1 to 2 quarts/acre at 7 to 14 day intervals from petal fall to one month before harvest. Note: Final application to be made at least one month before harvest. Under conditions conducive to fruit russet (variety, weather conditions, etc.) delay applications until 6 weeks after petal fall. Water rate: 15 to 50 gallons/acre.

Potatoes: 2 to 3 applications of 1 to 2 quarts/acre commencing at tuber initiation (when 50% of the tip swellings are twice the diameter of the rest of the stolon) and following petiole analysis during tuber bulking with 10 to 14 day intervals between applications. Water rate: 5 to 50 gallons/acre.

Soybean: 1 to 2 quarts/acre at the 4 to 6 leaf stage. Repeat if necessary 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

Squash (Field Grown): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Strawberry (Field Grown): 1 to 2 quarts/acre applied three times from start of new season leaf growth at 10 to 14 day intervals. N.B. Last application to be made no later than one month before harvest commences. Water rate: 20 to 50 gallons/acre.

Sugar Beets: 1 to 2 quarts/acre at 4 to 6 leaf stage. Repeat if necessary at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

Sweet Potatoes: 2 to 3 applications of 1 to 2 quarts/acre commencing at tuber initiation with 10 to 14 day intervals between applications. Water rate: 5 to 50 gallons/acre.

Tobacco: 1 to 2 quarts/acre applied two to three weeks after transplanting (3 to 4 leaf stage) and again 10 days later. Water rate: 3 to 50 gallons/acre.

Tomatoes (Field Grown): Repeat applications of 1 to 2 quarts/acre from the 4 to 6 leaf stage up to one month before harvest. Allow 7 days between applications. Water rate: 5 to 50 gallons/acre.

Turf: 1.5 to 3 fl ozs per 1000 sq. ft. as soon as growth commences in spring and/or following identification of need by analysis. Repeat sprays at 10 to 14 day intervals as necessary. Water rate: 0.5 gallons per 1000 sq. ft.

DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN.

Turnip: 1 to 2 quarts/acre applied from the 4 to 9 leaf stage. Repeat as necessary at 10 to 14 day intervals until one month before harvest. Water rate: 5 to 50 gallons/acre.

Vines: Three applications of 1 to 2 quarts/acre at bunch closure (pea sized berries), start of ripening and two weeks later. Water rate: 20 gallons/acre.

Water Melons (Field Grown): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Zucchini (Field Grown): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Soil Application: 2 to 4 quarts per acre. Apply throughout the season. Repeat at 7 to 10 day intervals as required. Water rate: Use a sufficient water volume to ensure even application (5 gallons per acre minimum).

TANK MIXING/CO-APPLICATION

Read ALL labels carefully and adhere strictly to the instructions for use and advice regarding whether or not product(s) should be co-applied. Many variables can influence the performance of co-applied products and therefore co-application is entirely at the risk of the end-user. It is strongly recommended that a limited application is made initially when using unfamiliar product mixes. Before co-application of products you, or your advisor, must visit www.tankmix.com/elemax for important information or do a jar test.

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, 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:

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

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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