



4-0-0

Foliar Nutritional Liquid Concentrate

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

GUARANTEED ANALYSIS

Total Nitrogen (N)	4.0%
4% Water-soluble Nitrogen	
Boron (B)	10.9%

Derived from Boric Acid, Ethanolamine
Nutrient content per gallon: 1 lb. 4 oz. B

KEEP OUT OF REACH OF CHILDREN

WARNING

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

WT. PER GAL.: 11.28 lbs. (5.12 kg) @ 68°F YSN 061915

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

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
Keep in a cool, dry chemical store, out of reach of children and livestock. Protect from frost (39°F) and other climatic extremes (temperatures exceeding 100°F). Keep container tightly closed. Do not allow water to be introduced to the contents of this container. 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 in conjunction with a complete fertilization program based on soil or tissue analysis. This product contains boron which may be injurious to certain crops. Contact your county agent or field consultant for specific information.

DIRECTIONS FOR USE
Shake the container thoroughly before use. ALWAYS FOLLOW THESE LABEL INSTRUCTIONS. Mix the product thoroughly before use. Pour through the top filter into the tank three-quarters filled with water, while agitating. Fill up with water and continue to agitate until spraying is completed. FERTILIZER IMPREGNATION May be coated onto dry fertilizer granules. CAUTION: This product must not be used with straight ammonium nitrate fertilizer, or any other fertilizer product classified as an oxidizing agent – Class 5.1 material. For further advice, please consult your Helena representative.

APPLICATION RATES AND TIMINGS
Alfalfa: 1 pint/acre every cut. Water rate: 5 to 20 gallons/acre. Apples: 1 pint/acre at pink bud, start of flowering and again at petal fall. Also, 1 quart/acre after harvest but before leaf senescence. Water rate: 50 to 100 gallons/acre. Apricots, Cherries, Nectarines, Peaches, Plums: 1 pint/acre at winter bud and again at pink bud. Also, 1 quart/acre after harvest but before leaf fall. Water rate: 50 to 100 gallons/acre. Blueberries: Two applications of 1 pint/acre applied at flower bud stage and repeated 10 to 14 days later (start of flowering). Also, apply 1 quart/acre post-harvest, pre-leaf senescence. Water rate: 20 to 50 gallons/acre. Cole Crops, Broccoli, Brussels Sprouts, Cabbage, Calabrese, Cauliflower, Celery, Chinese Cabbage, Cole Crops, Collards: 1 to 3 pints/acre at 4- to 6-leaf stage with repeat applications at the above rate at 10- to 14-day intervals for moderate to severe deficiency. Water rate: 5 to 20 gallons/acre. Canola: For a single application, 1 to 3 pints/acre at onset of stem extension. For moderate deficiency, 1 to 3 pints/acre at 4- to 6-leaf stage and again at onset of stem extension. An extra application can be made 10 to 14 days later for a severe deficiency. Avoid flowering. Water rate: 5 to 20 gallons/acre. Conifers: 2 applications of 1 to 2 pints/acre at the start of new season leaf production, and again in early autumn. Water rate: 50 to 100 gallons/acre. Corn: 1 to 3 pints/acre at 4- to 8-leaf stage. For moderate to severe deficiency, a repeat application may be necessary 10 to 14 days later. Water rate: 5 to 20 gallons/acre. Cotton: 1 to 2 pints/acre at 4- to 6-leaf state, at appearance of first flower bud squares and again at open flowers stage. Water rate: 5 to 15 gallons/acre. Cucurbits (Field Grown): 1 to 2 pints/acre from the 4-leaf stage. Repeat at 10- to 14-day intervals if necessary. Water rate: 5 to 20 gallons/acre.

Nuts (Deciduous): 1 pint/acre at bud break and 1 to 2 pints/acre after harvest before senescence. Water rate: 50 to 100 gallons/acre.

Onions: 1 to 2 pints/acre as soon as there is sufficient foliage to intercept spray. A second application may be made at the same rate 10 to 14 days later. Water rate: 5 to 20 gallons/acre.

Peppers (Field Grown): 1 to 2 pints/acre applied at early flowering to fruiting, with two repeat applications at 10- to 14-day intervals if necessary. Water rate: 200 l/ha.

Potatoes: One to two applications of 1 to 2 pints/acre applied from 7 to 14 days after 100 percent emergence to 20 days after tuber initiation and following petiole analysis, during tuber bulking. Water rate: 5 to 40 gallons per acre. For aerial application, 1 to 2 pints/acre applied at timings described above. Water rate 2 to 5 gallons per acre.

Soybeans: 1 to 2 pints/acre when crop is 2 to 6 inches tall, repeated at 10- to 14-day intervals if necessary. Water rate: 5 to 20 gallons/acre.

Strawberries (Field Grown): Two applications of 1 to 1-½ pints/acre commencing at green/white bud stage and repeated 10 to 14 days later. 1 quart/acre applied at regrowth (after harvest). Water rate: 20 to 50 gallons/acre.

Vines: 1 pint/acre at flower truss visible, at flower buds separated and at fruit set. Also, 1 to 2 pints/acre after harvest before leaf senescence. Water rate: 50 to 100 gallons/acre.

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.

PRECAUTIONS

Only to be used on protected crops if specifically listed. Avoid application under extremes of climate, e.g., rapid drying conditions, extremely slow drying conditions, frost, rain, or when frost or rain are anticipated. Wear suitable gloves and faceshield when handling this product. Clean all equipment before and after use.

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 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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