

SPECIMEN LABEL



AN

A BLEND OF FOLIAR NUTRITIONAL SUPPLEMENTS FOR FEEDING PLANTS

8-4-3

GUARANTEED ANALYSIS:

Total Nitrogen (N)	8.00%
1.2% Ammoniacal Nitrogen	
6.8% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	4.00%
Soluble Potash (K ₂ O)	3.00%
Total Copper (Cu)	0.32%
0.32% Water Soluble Copper (Cu)	
Total Iron (Fe)	0.18%
0.18% Chelated Iron (Fe)	
Total Manganese (Mn)	0.16%
0.16% Water Soluble Manganese (Mn)	
Total Zinc (Zn)	0.28%
0.19% Chelated Zinc (Zn)	

Derived from urea, potassium hydroxide, ammonium phosphates, phosphoric acid, potassium phosphate, copper sulfate, iron EDTA, manganese sulfate, zinc sulfate and zinc EDTA.

The chelating agent is ethylenediaminetetraacetic acid (EDTA). Contains 1.63 pounds of plant nutrients per gallon.

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

ACTIVE INGREDIENTS: 14.0% Kelp, derived from *Ascophyllum nodosum*.

INERT INGREDIENTS: 69.26% INERT INGREDIENTS

KEEP OUT OF REACH OF CHILDREN

CAUTION

SHAKE WELL BEFORE USING.

See Inside Panel for Additional Precautionary Statements.

Formulated with



(U.S. Process patent # 4 023 734).

SN 091505/1007

NET CONTENTS:

- 2.5 gal (9.46 L) Jug
- 2 x 2.5 gal (2 x 9.46 L) Case
- Net Wt: 24.25 lbs (11.0 kg) Jug
- 48.50 lbs (22.0 kg) Case

- 5 gal (18.92 L)
- Net Wt: 48.50 lbs (22.0 kg)

- 275 gal (1,040.88 L)
- Net Wt: 2,667.50 lbs (1,209.98 kg)

- Bulk _____
- WEIGHT PER GALLON: 9.7 lbs. (4.4 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>.

F224

MANUFACTURED FOR
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TN 38017

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

PRECAUTIONARY STATEMENTS

CAUTION

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

Avoid contact with formulated product. Do not take internally. Avoid contact with or inhalation of the spray mist. 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 SWALLOWED: Dilute by drinking large quantities of water. Induce vomiting. Immediately contact a physician or poison control center for additional treatment instructions.

IF IN EYES: Immediately flush eyes with clean water for at least 15 minutes, holding eyelids open. If irritation persists, contact a physician.

IF ON SKIN: Remove contaminated clothing and wash skin with soap and water. Seek medical treatment if irritation persists.

IF INHALED: Move to fresh air. If irritation develops or persists, seek medical treatment. 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 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

BINARYcq® AN should be applied foliarly to supplement agricultural crop, turf and ornamental nutrition. Foliar fertilization is intended as a supplement to a regular fertilization program and will not, by itself, provide all the nutrients normally required by crops or other intended plants.

RECOMMENDATIONS

BINARYcq® AN may be applied to many crops (including row crops) that are capable of absorbing nutrients through their leaves.

SUGGESTED DIRECTIONS

BINARYcq® AN should be used in all crop protection sprays with minimum volumes of 5 gallons per acre by ground and 2 gallons per acre by aerial application. The maximum concentration of **BINARYcq® AN** should not exceed 2 quarts in 5 gallons of total spray (10% v/v).

The following table is a guide for the use of **BINARYcq® AN** as a plant nutrient. Rates and frequency of application will depend on individual management programs.

CROP	RATE PER APPLICATION	APPLICATION TIMING
Almonds	1 – 1.5 quarts per acre	Apply at bud differentiation. Repeat in 14 days.
Citrus	1 – 1.5 quarts per acre	3 applications with crop protection sprays from pre-bloom through late summer.
Corn	1 – 1.5 quarts per acre	At 6 - 8 leaf stage.
Cotton	1 – 1.5 quarts per acre	Apply at pinhead square.
Cotton – Pima	1 – 1.5 quarts per acre	Pinhead square and early to peak bloom.
Fruit trees ^a	1 – 1.5 quarts per acre	3 applications at pre-bloom, petal fall and 14 – 21 days later.
Grapes (wine and raisins)	1 – 1.5 quarts per acre	3 applications at pre-bloom, fruit set and 2 – 3 weeks later.
Grapes (seedless)	1 – 1.5 quarts per acre	3 applications at leaf out, pre-bloom and at fruit set.
Peanuts	0.75 – 1 quart per acre	2 applications at pre-bloom and initial pegging.
Pistachios	1 – 1.5 quarts per acre	Apply at bud differentiation. Repeat in 14 days.
Potatoes	1 – 1.5 quarts per acre	At or before tuber initiation.
Potatoes, Sweet	1 – 1.5 quarts per acre	2 applications at 6 – 8 leaf stage and 2 weeks later.
Potatoes, Yam	1 – 1.5 quarts per acre	2 applications at 6 – 8 leaf stage and 2 weeks later.
Rice	1 – 1.5 quarts per acre	2 applications at 2 – 5 leaf stage and at panicle initiation.
Root Vegetables ^b	0.75 – 1 quart per acre	3 applications on a bimonthly basis

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starting at 4 – 6 leaf stage.

Soybean	1 – 1.5 quarts per acre	Apply at pre-bloom stage of growth.
Sugar Beets	1 – 2 quarts per acre	At the 6 - 10 leaf stage.
Small Grains ^C	1 – 1.5 quarts per acre	For winter varieties, apply at first spring growth; for spring varieties, at 2 – 5 leaf stage.
Stem, leaf, flower vegetables ^d	0.75 – 1 quart per acre	2 applications at 6 – 8 leaf stage and again 4 weeks later.
Sugarcane	1 – 1.5 quarts per acre	2 applications per crop season. First application 45 – 70 days after planting. Second application 50 – 100 days after planting.
Vegetables ^e	1 – 1.5 quarts per acre	3 applications at pre-bloom, fruit set 14 – 21 days later.

For additional crop applications not listed, consult your dealer or a Helena sales representative.

^a Apple, apricot, avocado, cherry, peach, pear, plum.

^b Beets, carrot, parsnip, turnip, radish.

^c Barley, oats, wheat, rye.

^d Asparagus, artichoke, broccoli, Brussels sprout, cabbage, cauliflower, celery, chives, endive, lettuce, parsley, spinach.

^e Cucumber, eggplant, melons, pepper, pumpkin, squash, tomato.

TURF

Tee and Greens: Apply 0.75 – 1.5 fl. oz. per 1,000 sq. ft. Use 1 – 3 gallons total spray volume per 1,000 sq. ft. Apply at 10 – 14 day intervals.

Commercial Turf: Apply 1.5 – 3.0 fl. oz. per 1,000 sq. ft. Use 1 – 5 gallons total spray volume per 1,000 sq. ft. Apply as required to maintain turf vigor.

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 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 the 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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