



12-13-0

Foliar Nutritional Soluble Powder

A formulated soluble powder iron with nitrogen and phosphorus.

GUARANTEED ANALYSIS

Total Nitrogen (N)	12.0%
12% Ammoniacal Nitrogen	
Available Phosphate (P ₂ O ₅)	13.0%
Iron (Fe)	9.0%
9% Chelated Iron (Fe)	

Derived from Ammonium Phosphate, Ammonium Sulfate, Ferric Citrate

KEEP OUT OF REACH OF CHILDREN

WARNING

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



Contains ammonium iron citrate and ammonium sulphate

NET WEIGHT: 20.0 lbs (9.07 kg) YSN 052015/0815

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 serious eye irritation. Causes 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:	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 ON SKIN OR HAIR:	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.
IF SWALLOWED:	Call a POISON CENTER or doctor immediately. Rinse mouth.

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

	Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor.
IF INHALED:	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.

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. Contact your county agent or field consultant for specific information.

In Virginia, this lawn/turf fertilizer contains phosphorous and is only for nonagricultural use on (i) turf during its first growing season, (ii) on turf areas being repaired or renovated, and (iii) on turf where a soil test performed within the last 3 years indicates a phosphorous deficiency. This fertilizer is not for the routine maintenance of turf. This fertilizer contains phosphorous and may not be used on turf in the state of Maryland.

DIRECTIONS FOR USE

ALWAYS FOLLOW THESE LABEL INSTRUCTIONS.

Slowly add the product 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.

APPLICATION RATES AND TIMINGS

Apples: 1 to 3 lbs./acre as soon as there is sufficient leaf cover to intercept the spray, or as soon as first symptoms appear. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 50 gallons/acre.

Apricots: 1 to 3 lbs./acre as soon as there is sufficient leaf cover to intercept the spray, or as soon as first symptoms appear. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 50 gallons/acre.

Cereals: 1 to 3 lbs./acre. Apply from 3-leaf stage to 1st node detectable (Zadoks G.S. 13 to 31), with repeat applications at 10- to 14-day intervals as necessary. Water rate: 20 gallons per acre.

Cherries: 1 to 3 lbs./acre as soon as there is sufficient leaf cover to intercept the spray, or as soon as first symptoms appear. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 50 gallons/acre.

Citrus: 1 to 3 lbs./acre during Spring and Autumn flushes, at 10- to 14-day intervals as necessary. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 50 gallons/acre.

Conifers/Fir Trees: 1 to 3 lbs./acre at start of new season leaf production and again in early autumn. Water rate: 50 to 100 gallons/acre.

Corn: 1 to 3 lbs./acre from two weeks after emergence, or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons per acre.

Courgettes (Field Grown): 1 to 3 lbs./acre from two weeks after transplanting, or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Cucumber (Field Grown): 1 to 3 lbs./acre from two weeks after transplanting, or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Cucurbits (Field Grown): 1 to 3 lbs./acre from two weeks after transplanting or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Groundnuts: 1 to 3 lbs./acre as soon as there is sufficient leaf cover to intercept spray or when symptoms are seen. Do not apply during flowering. Water rate: 20 gallons/acre.

Lettuce (Field Grown): 1 to 3 lbs./acre from 2 weeks after transplanting or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Melons (Field Grown): 1 to 3 lbs./acre from two weeks after transplanting, or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Nectarines: 1 to 3 lbs./acre as soon as there is sufficient leaf cover to intercept the spray, or as soon as first symptoms appear. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 50 gallons/acre.

Nuts (Deciduous): 1 to 3 lbs./acre as soon as there is sufficient leaf cover to intercept the spray, or as soon as first symptoms appear. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 50 gallons/acre.

Onions: 1 to 3 lbs./acre from 2 weeks after transplanting or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Peaches: 1 to 3 lbs./acre as soon as there is sufficient leaf cover to intercept the spray, or as soon as first symptoms appear. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 50 gallons/acre.

Pears: 1 to 3 lbs./acre as soon as there is sufficient leaf cover to intercept the spray, or as soon as first symptoms appear. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 50 gallons/acre.

Peppers (Field Grown): 1 to 3 lbs./acre from 2 weeks after transplanting or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Plums: 1 to 3 lbs./acre as soon as there is sufficient leaf cover to intercept the spray, or as soon as first symptoms appear. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 50 gallons/acre.

Potatoes: 3 lbs./acre from one week after 100 percent emergence with repeat applications at 10- to 14-day intervals as necessary. Water rate: 20 gallons per acre.

Soybeans: 1 to 3 lbs./acre from 2 weeks after emergence, or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. **Note:** Final application to be made at least one month before harvest. Do not apply during flowering. Water rate: 20 gallons/acre.

Squash (Field Grown): 1 to 3 lbs./acre from two weeks after transplanting, or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Sugar Cane: 1 to 3 lbs./acre when plants are 12" tall and again 10- to 14-days later. Water rate: 20 gallons/acre.

Sweet Corn: 1 to 3 lbs./acre from 2 weeks after transplanting or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Tomatoes (Field Grown): 1 to 3 lbs./acre from 2 weeks after transplanting or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Turf: 1 oz./1,000 sq. ft. as soon as growth commences in spring. Repeat at 10- to 14-day intervals as necessary. Water rate: 0.5 gallons/1,000 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.

Vines: 1 to 3 lbs./acre as soon as there is sufficient leaf cover to intercept the spray, or as soon as first symptoms appear. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 50 gallons/acre.

Watermelons (Field Grown): 1 to 3 lbs./acre from two weeks after transplanting, or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 20 gallons/acre.

Zucchini (Field Grown): 1 to 3 lbs./acre from two weeks after transplanting, or as soon as there is sufficient leaf cover to intercept the spray. Repeat as necessary at 10- to 14-day intervals. Do not apply during flowering. **Note:** Final application to be made at least one month before harvest. Water rate: 20 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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Disclaimer: Always refer to the label on the product before using Helena or any other product.