

HM-1579

10-5-0

With 10% Sulfur


LIQUID NUTRIENT BLEND FOR FOLIAR FEEDING CROPS

GUARANTEED ANALYSIS

Total Nitrogen (N)	10.00%
7.6 % Ammoniacal Nitrogen	
2.4% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	5.00%
Sulfur (S)	10.00%
Boron (B)	0.04%

Derived from ammonium sulfate, urea, phosphoric acid, copper sulfate, and disodium octaborate.

Contains 2.7 lbs. of plant nutrients per gallon.

KEEP OUT OF REACH OF CHILDREN DANGER May be harmful if swallowed May be harmful in contact with skin Causes severe skin burns and eye damage May be harmful if inhaled May be corrosive to metals	
Contains Boron. Do not use on plants sensitive to Boron. Use of Boron on crops other than those recommended may result in serious injury to the crop.	

WT. PER GAL: 10.8 lbs. (4.9 kg) SN 1116/0117G
NET CONTENTS: □ 265 gal. (1,003.13 L)
Net Wt: 2,862 lbs. (1,298 kg)
□ Bulk _____

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>
Use in accordance with recommendations of a qualified individual or institution, such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan. Rates and frequency of application will depend on individual management program.

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

DANGER

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 damage. Causes severe skin burns and eye damage. May be harmful if inhaled. May be corrosive to metals. 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. Do not smoke, drink, or eat while 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 SWALLOWED: 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: 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: 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

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate. Keep locked up and out of the reach of children.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading and add rinse water to spray tank. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrcycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

For help in chemical emergencies involving spill, leak, fire or exposure, call toll free 1-800-424-9300.

GENERAL USE INFORMATION

Foliar fertilization is intended as a supplement to a regular fertilization program and will not, by itself, provide all the nutrients normally required by agricultural crops.

HM-1579 liquid nutrient improves general plant condition and is a valuable supplement to soil fertilizer programs, particularly where there are adverse conditions for the uptake of primary nutrients from the soil.

PHYSICAL PROPERTIES

Temperature Sensitivity: Unaffected down to 32°F. Lower temperature will result in partial crystallization, but the product will reconstitute above 5°C or 41°F with minimal agitation.

Compatibility: HM-1579 is compatible with most fungicides, insecticides and herbicides. Some exceptions are alkaline mixtures like lime sulfur. HM-1579 should be diluted with as much of the spray application water as possible before adding other components. Do not mix HM-1579 directly with other products.

Compatibility tests are recommended prior to use. Contact your HELENA CHEMICAL COMPANY agent

RECOMMENDATIONS

HM-1579 may be applied to the labeled crops as a supplement to a balance crop fertilization program.

SUGGESTED DIRECTIONS: GROUND APPLICATION ONLY

HM-1579 should be used in all crop protection sprays including sprays with a minimum volume of 5 gallons/A by ground.

If spray mix concentrations exceed 1 quart in 5 gallons of solution, caution should be used. **Factors such as weather, crop stress, sensitivity of the crop and experience with rates and concentrations should be taken into account.

The following table is a guide for the use of HM-1579 as a plant nutrient. Rates and frequency of application will depend on individual management programs. Compatibility tests are always recommended prior to preparing a spray mixture of HM-1579.

NOTE: HM-1579 is corrosive to mild steel and aluminum and it is recommended that it be applied and stored in stainless steel, polypropylene, or polyethylene. Aerial applications of HM-1579 should not be made due to the potential for the product to corrode or discolor air craft aluminum.

Suggested Rate		
Crop	Quart/Acre	Remarks
Corn, Cotton, Sorghum, Soybeans, and Peanuts	1-2**	Apply alone or with crop protection sprays during the growing season.

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:

- Refund of the purchase price paid by buyer or user for product bought, or
- 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.