



2-5-3

DEPOSITION AGENT, DRIFT REDUCTION, NUTRIENTS, ACTIVATORS, AMMONIUM SULFATE REPLACEMENT/WATER CONDITIONER

GUARANTEED ANALYSIS:

Total Nitrogen (N)	2.00%
2.00% Ammoniacal Nitrogen (N)	
Available Phosphate (P ₂ O ₅)	5.00%
Soluble Potash (K ₂ O)	3.00%
Boron (B)	0.02%
Cobalt (Co)	0.0005%
Copper (Cu)	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

Derived from Potassium Phosphate, Ammonia Sulfate, Ammonia Salts of Carboxylic Acid, Sodium Tetraborate, Cobalt Sulfate, Sodium Molybdate, Iron EDTA, Copper EDTA, Manganese EDTA, Zinc EDTA.
The chelating agent is EDTA (ethylenediaminetetraacetic acid).
Contains 0.97 lbs. of plant nutrients per gallon.

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

ACTIVE INGREDIENTS*:

Proprietary blend of ammonium polyacrylates, hydroxy carboxylates, and sulfates and polymeric deposition agents	26.0%
Components ineffective as an adjuvant	74.0%
TOTAL	100.0%

U.S. Patent #5,877,112

*All ingredients are accepted for use under CFR 40, 180.1001 (c) or (d).

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
May cause an allergic skin reaction



WARNING: Contains Boron and Molybdenum. Do not use on plants sensitive to Boron and/or Molybdenum. Forage crops high in Molybdenum may be toxic to grazing ruminant animals or other livestock.

WEIGHT PER GAL.: 10.058 lbs. (4.56 kg) SN 040315
NET CONTENTS: 2.5 Gals. (9.46 L) NET WEIGHT: 25.145 lbs. (11.40 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
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. May cause an allergic skin reaction. 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 SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by the poison control center or doctor. Do not give anything to an unconscious or convulsing person.
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further 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. In case of emergency, call ChemTrec at 1-800-424-9300. If contact is made with a spray solution containing pesticides, follow the "Statement of Practical Treatment/ First Aid" on the pesticide label(s).	

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.acrecycle.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 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.

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

ON LINE® contains a unique blend of polymers, water conditioners, sequestrants, and ammonium salts designed to increase pesticide deposition onto foliage and enhance the performance of pesticides. **ON LINE®** also contains polymeric sequestrants and chelating agents which tie up hard water cations, thus preventing them from deactivating some herbicides. The forms of ammonia ion in **ON LINE®** have been recognized as effective enhancers of pesticide uptake by some plant species. **ON LINE®** physically modifies the deposition characteristics of the spray solution. As a result of these properties, **ON LINE®** can improve pesticide spray application and efficacy. **ON LINE®** does not contain buffering agents and is compatible with sulfonyleurea herbicides. Unlike many drift control agents, **ON LINE®** is compatible with cationic herbicides such as glyphosate and paraquat.

ON LINE® also contains a specialized formulation components that improve application coverage and efficacy. **ON LINE®** is specifically designed to enhance the efficacy of herbicides that contain glyphosate.

In addition to the adjuvant functions of **ON LINE®**, this product contains a blend of nutrients and micronutrients and may supply plants with many of the necessary elements required for growth.

DIRECTIONS FOR USE

ON LINE® MAY BE USED WITH PRODUCTS DESIGNED FOR THE FOLLOWING APPLICATIONS: AGRICULTURAL, FORESTRY, INDUSTRIAL, NON-CROPLAND, ORNAMENTAL, RIGHTS-OF-WAY AND TURF.

USE RATES

USE AS A NUTRITIONAL:

Use 1-2 gallons per 100 gallons total spray solution. Do not exceed 1 gallon of **ON LINE®** per acre.

USE AS AN ADJUVANT:

Use 2-4 quarts per 100 gallons or 0.5%-1.0% by volume.

MIXING GUIDELINES

Prior to any pesticide or fertilizer application all spray mixing equipment must be cleaned. Carefully observe all cleaning directions on the pesticide label.

ON LINE® should never be mixed undiluted with any pesticides. To maximize effect of sequestering metal ions, add **ON LINE®** to the spray solution prior to the addition of pesticides that may be adversely affected by hard water.

IMPORTANT: Always add **ON LINE®** as the first component of a spray tank mixture before other additives or pesticides. This may be different than the mixing order for conventional drift control additives.

Fill the spray or mix tank 1/3 to 1/2 full of water and begin agitation. Slowly add the recommended amount of **ON LINE®** and mix until product is completely dissolved. Continue agitation and filling with water while adding pesticides and/or fertilizers as directed by labeling or in the following sequence:

1. Compatibility agents
2. Dry flowables or water dispersible granules
3. Wettable powders
4. Flowables
5. Water based solutions
6. Emulsifiable concentrates
7. Spray adjuvants
8. Other

Terminology on this label is consistent with definitions approved by Subcommittee E-35.22 on Pesticide Formulations and Application Systems under the jurisdiction of ASTM Subcommittee E-35.

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:

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.