



COMPLEXED MICRONUTRIENT FOR CORRECTION OF MANGANESE DEFICIENCY IN VARIOUS PLANTS For Soil and Foliar Application

GUARANTEED ANALYSIS

Manganese (Mn) 4.00%
 4.00% Water Soluble Manganese (Mn)

Derived from manganese amino acid complex, manganese humate and manganese EDTA.

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: 9.96 lbs (4.52 kg) SN 031815/0815G

NET CONTENTS: = 2.5 gal (9.46 L)

NET WT: 24.9 lbs (11.29 kg)

= 250.0 gal (946.25 L)

NET WT: 2,490 lbs (1,129.46 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.

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.

PROPOSITION 65 WARNING: This product contains a chemical known to the state of California to cause cancer.

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.
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

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

	<ul style="list-style-type: none"> 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

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

KickStand® Manganese 4% is compatible with polyphosphate and orthophosphate fertilizer solutions.

KickStand® Manganese 4% is a micronutrient solution containing 4% manganese. It is designed to correct deficiencies of manganese.

RECOMMENDED USES

SOIL APPLICATION: KickStand® Manganese 4% can be applied in the soil to vegetables, fruits, row crops, deciduous fruit and nut trees, cereal grains, ornamentals and turf.

Rate of Soil Application: 1-4 quarts per acre. KickStand® Manganese 4% may be mixed directly into liquid fertilizer solutions without pre-dilution with water. KickStand® Manganese 4% may be applied by ground application. Use enough carrier for thorough uniform coverage of the soil.

FOLIAR APPLICATION: 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.

KickStand® Manganese 4% may be applied to the following crops by ground or aerial application equipment. Use a minimum of 10-15 gallons of water per acre for ground spray equipment and at least 3-5 gallons of water per acre for aerial application.

Rate of Foliar Application: The following table is a guide for the use of KickStand® Manganese 4% as a plant nutrient. Rates and frequency of application will depend on individual management programs. Use of KickStand® Manganese 4% on any crop not listed on this table must be as a result of recommendations from your local agricultural authority.

RECOMMENDED CROPS ⁽¹⁾	FOLIAR APPLICATION RATE/ACRE ⁽²⁾	NOTES
Cereal Grains ⁽¹⁾	1-4 pints	Apply with crop protection sprays.
Corn ⁽¹⁾	1-4 pints	Apply with crop protection sprays.
Cotton	1-4 pints	
Fruit and Nut Trees ⁽³⁾	1-4 pints	Apply with pre- and post-bloom sprays.
Peppers	1-4 pints	
Potatoes ⁽¹⁾	1-4 pints	Apply based upon petiole analysis.
Soybeans ⁽¹⁾	1-4 pints	Apply with crop protection sprays.
Sugar beets ⁽¹⁾	1-4 pints	
Tomatoes ⁽¹⁾	1-4 pints	Apply with crop protection sprays.
Vegetable crops ⁽¹⁾	1-4 pints	Apply with crop protection sprays.

⁽¹⁾ FOR USE IN WISCONSIN: KickStand® Manganese 4% can be applied to these crops commonly grown in Wisconsin and requiring a medium to high level of manganese.

- (2) 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.
- (3) Do not use in the dormant spray program with dinitro compounds, dormant oils, lime sulfur or highly alkaline spray materials.

TURE: Use 0.36 oz. to 1.50 oz./1,000 sq. ft. in 2 to 5 gallons of water per 1,000 sq. ft. Repeat as necessary.

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.

ORNAMENTALS: 1-4 pints per 100 gallons of water. Spray foliage to run off or as a soil drench at 100 gallons per acre total water volume. Repeat as necessary. The timing of applications are dependent on local conditions and should always be made as a result of soil and/or plant tissue analysis. For specific use recommendations, consult your local Helena Chemical Company representative or your local agricultural extension agent.

MIXING GUIDE

MIXING: In any mixing operation, KickStand® Manganese 4% should be introduced in the following sequence:

1. Water
2. KickStand® Manganese 4%
3. Other Fertilizers or Pesticides

In mixtures where a compatibility agent is suggested, a product such as BLENDEx® VHC is recommended. Local climatic conditions, infestations, and other factors affect the performance of any insecticide, fungicide and nutritional spray.

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.

© Copyright Helena Holding Company, 2015

KickStand® and BLENDEx® are registered trademarks of Helena Holding Company.