

HM-2163

Seed Treatment Soil Amendment

FOR RETAIL APPLICATION ONLY

CONTAINS NONPLANT FOOD INGREDIENTS

GUARANTEED ANALYSIS

Soil Amending Ingredient:

Active Ingredient:

Microorganism: 1.00%

Bacillus thuringiensis strain EX297512..... 5x10⁴ cfu/mL*

Total Other (Inert) Ingredients: 99.00%

(Water-based culture medium, Preservative, Antifoam, Thickener, Stabilizer)

Total: 100.00%

*colony forming units/milliliter

HM-2163 is intended for use as a seed treatment to enhance the microbial activity within the plant root rhizosphere.

KEEP OUT OF REACH OF CHILDREN

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

The product does not require a hazard warning label in accordance with GHS criteria.

THIS PRODUCT EXPIRES 1 YEAR AFTER STAMPED MANUFACTURED DATE.

NET CONTENTS: 2.5 Gallons (9.46 L)

SN 062122HAE

WT. PER GALLON: 8.63 lbs. (3.91 kg) @ 68° F

F002593

MANUFACTURED FOR

HELENA AGRI-ENTERPRISES, LLC

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE, TN 38017

901-761-0050

VERSASHIELD. FORMULATION TECHNOLOGY

PRECAUTIONARY STATEMENTS

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

Harmful if swallowed. Avoid contact with eyes or clothing. 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.

ENVIRONMENTAL STATEMENT: For terrestrial uses: DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. DO NOT contaminate water when disposing of equipment wash water or rinsate.

FIRST AID

IF IN EYES:

- Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present.
- Continue rinsing.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a POISON CENTER or doctor immediately.
- Rinse mouth and drink 200-300 ml of water. 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

Storage: Segregate from foods and animal feeds. Keep away from heat. Protect from direct sunlight. Protect from temperatures above 104°F (40°C).

Waste Disposal of Substance: Must be disposed of or incinerated in accordance with local regulations.

Container Disposal: Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

PRODUCT STABILITY: Under the proper storage conditions the product should remain viable for one year from date of manufactured stamped date (1 season shelf life). Use before expiration date.

GENERAL INFORMATION

HM-2163 is intended for use as a seed treatment to enhance the microbial activity within the plant root rhizosphere. HM-2163 may be used in combination with other registered seed treatment fungicides and insecticides. Pretest for compatibility with other seed treatment products before using.

USE RESTRICTIONS

For use only in retail seed treatment equipment. Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications. Read the entire label before using this product. **DO NOT** use this product except as directed on this label for this product. Not for isolation or deformation. **DO NOT** culture unless approved in advance by Helena Agri-Enterprises, LLC in writing.

DIRECTIONS FOR USE

APPLICATION INSTRUCTIONS

Uniform application to seed is necessary to ensure seed safety and product efficacy. Use high quality, properly cleaned seed. This product does not contain dye. All seed treated with this product must be colored with an approved dye or colorant of a suitable color to prevent accidental use as food for man or feed for animals.

COMPATIBILITY

It is essential that before using HM-2163 in any tank mixture the compatibility of the mixture be established. Add HM-2163 at the labeled rate to a clean quart jar containing approximately one-half the amount of water intended for a final slurry application rate. Next, follow with all other tank mix components that will be used in the total slurry application. Add last the remaining balance of water. The total amount of volume is determined by the seed size and how much is necessary to ensure

complete and uniform coverage and distribution on the seed, as well as the type of seed treating application equipment that will be used.

DO NOT USE MIXTURES THAT CURDLE, PRECIPITATE, OR GEL. USE TANK MIXTURES IMMEDIATELY AFTER MIXING WITH ADEQUATE AGITATION.

MIXING INSTRUCTIONS

When applied with seed treatment application equipment designed to treat seed utilizing a treatment slurry mixture, add approximately 1/2 to 2/3 of the required water to the treatment slurry tank followed by the accompanying seed treatment products and **HM-2163**. The order of product addition is dependent on the accompanying seed treatment products and application equipment used. Allow each slurry component to disperse completely prior to the next addition until a uniform suspension is obtained. After all slurry components have been added and dispersed completely add the remaining 1/2 to 1/3 of required water for proper slurry volume and mix until uniform.

DO NOT store mixed slurries for greater than 72 hours. Maintain adequate agitation until treatment slurry is applied. For additional instructions for use, slurry component mixing order, and other application suggestions contact your HELENA representative.

CROP-SPECIFIC DIRECTIONS

CROP	USE RATE (fl oz/100 lb seeds) (fl oz/140,000 seeds unit)	USE INFORMATION
Soybean	1.0 fl oz/100 lb seeds 0.5 fl oz/140,000 seeds unit	Rate is calculated based on number of seed weight of 2,800 soybeans/lb. If treating seed with a different average seed weight, recalculate the appropriate fl oz/100 lb seed rate.

State Right To Know Description / CAS # or TRSN Bacillus thuringiensis / 68038-71-1; Proprietary Polyol / TRSN 161090809-5002; Sodium chloride / 7647-14-5

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of HELENA AGRI-ENTERPRISES, LLC ("HELENA") or the Seller. All such risks shall be assumed by the Buyer.

HELENA AGRI-ENTERPRISES, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

HELENA AGRI-ENTERPRISES, LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

BUYER'S EXCLUSIVE REMEDY AND HELENA AGRI-ENTERPRISES, LLC'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

HELENA AGRI-ENTERPRISES, LLC AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

HELENA AGRI-ENTERPRISES, LLC and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of HELENA AGRI-ENTERPRISES, LLC.

LIMITATIONS OF USE: Any purchaser or user agrees to handle and/or use this product in strict conformity with all limitations of use, including the prohibition of analyzing for content, disassembling, extracting, purifying, or otherwise obtaining any material, for any use whatsoever, from the product in any form. This prohibition specifically includes the growing or culturing of

any material for further use of such material (or any progeny thereof) for ANY use whatsoever. User agrees that this product will only be used as instructed on the product label and only for the crop and purpose stated therein.

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