

AVANTI RZ™

FERTILIZER ADDITIVE

NON-PLANT FOOD INGREDIENT

ACTIVE INGREDIENT(S):

44.00%	Carboxylic acids
36.00%	Polyphenolic acids
20.00%	Other Inert Ingredients
100.00%	TOTAL

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



WT. PER GALLON: 8.55 lbs. @ 68° F

SN 071014/0415

NET CONTENTS: □ 2.5 gals. (9.46 L)
□ 5 gals. (18.93 L)
□ 250 gals. (946.35 L)
□ Bulk

F224

MANUFACTURED AND GUARANTEED BY
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:	<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 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.

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

- 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

AVANTI RZ™ is a fertilizer additive designed to enhance solubility, which may aid in the absorption of plant nutritional products. In addition, AVANTI RZ™ may improve the compatibility of fertilizer mixes and may reduce application equipment corrosion problems. AVANTI RZ™ is effective with a wide range of fertilizer applications including drip, row starter or side-dress applications. When used in conjunction with sound fertility practices, AVANTI RZ™ may improve the performance of nutritional products used in wide range of agricultural, ornamental, and turf applications.

NOTE: This product is not a fertilizer and should not be used as a substitute.

SUGGESTED DIRECTIONS

APPLICATION WITH LIQUID FERTILIZERS: Use at the rate of 16 oz. to 32 oz. per acre with liquid fertilizers for soil applications. AVANTI RZ™ is compatible with most near neutral or alkalai fertilizers, pesticides, fungicides, and plant growth regulators mixes. Do not mix with acid based fertilizers. If unfamiliar with the intended tank mix combination, be sure to check with Helena Chemical Company for compatibility or perform a jar test mixing each product in the same ratios as to be field applied.

DOSAGE RECOMMENDATIONS

To determine the proper amount of AVANTI RZ™ to add to the fertilizer, multiply the recommended dosage rates below by the number of acres one ton of fertilizer will cover.

Application Use Rate: Use AVANTI RZ™ at the rate of one (1) to two (2) pints per acre.

IN-FURROW/DRIP CHEMIGATION

- Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow if water flow stops.
- Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:
 - The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
 - The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
 - The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
 - The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
 - The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
 - Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Maintain agitation in the supply tank while adding the required amount of **AVANTI RZ™**, and throughout the application. **AVANTI RZ™** should be added to the supply tank at the end of water application (prior to last complete cycle in moving systems).

**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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NUE-plex™ is a trademark of Horizon Ag Products, LP. Products containing this symbol indicate assurance of quality to the consumer that product was manufactured by Horizon Ag Products, LP for **HELENA CHEMICAL COMPANY**, utilizing the production technology and procedures associated with this exclusive process.