

**NON-PLANT FOOD INGREDIENT****GUARANTEED ANALYSIS****ACTIVE INGREDIENTS:**


26%	potassium acrylate copolymer
74%	Water
100%	TOTAL

Ingredients exempt from the requirements of a tolerance under 40 CFR 180.

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.

CA PROPOSITION 65  **WARNING:** This product can expose you to chemicals including Acrylamide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

WEIGHT PER GALLON: 9.3 lbs. (4.22 kg) @ 68° F

SN 050222HAE

NET CONTENTS: ☐ 5 Gallons (18.9 L)
☐ 30 Gallons (113.5 L)
☐ 55 Gallons (208.2 L)
☐ 265 Gallons (1003.1 L)
☐ 275 Gallons (1041.0 L)
☐ Bulk

Information about the components of this lot of fertilizer and directions for use may be obtained by writing to Helena Agri-Enterprises, LLC, 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.html>

F002593

MANUFACTURED FOR

HELENA AGRI-ENTERPRISES, LLC

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE, TN 38017

901-761-0050

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES. 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 and remove contact lenses if easy to do and continue rinsing.• If irritation persists: Get medical advice/attention.
IF ON SKIN:	<ul style="list-style-type: none">• Remove contaminated clothing.• Wash with soap and water.• Get medical advice/attention if irritation occurs.
IF SWALLOWED:	<ul style="list-style-type: none">• Drink two glasses of water or milk.• Do not induce vomiting.• Call a physician immediately.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• Call a doctor or position control center if they feel unwell.

If contact is made with spray solution containing pesticide(s), follow the "Statement of Practical Treatment/First Aid" on the pesticide label.

STORAGE AND DISPOSAL

Storage: Important! Keep from freezing. Store in original container and protect from freezing. If product freezes, thaw completely and mix thoroughly before use. Spills become very slippery when mixed with water.

Dispose of contents/container in accordance with local, regional, and International regulations.

GENERAL INFORMATION

RESGENIX™ is an easy-to-use, high quality liquid water use management tool for general agriculture and general turf applications. **RESGENIX™** can be used to improve irrigation efficiency.

DIRECTIONS FOR USE

RESGENIX™ can be applied through irrigation water or conventional spray applications.

Please refer carefully to all the details and directions on this label for specific instructions and consult with your local Helena Sales/Technical Representative for additional information and guidelines pertaining to your hydro-treatment needs.

GENERAL RATE AND APPLICATION GUIDELINES**AGRICULTURE**

Utilizing **RESGENIX™** in a planned and scheduled management program through the growing season will result in improved water use efficiency on irrigated and non-irrigated soils. As a planned program, it is recommended to apply 0.5-1.5 gallons per acre every 30 days prior to the first rainfall event or irrigation and with continued treatment through the end of the growing cycle.

ESTABLISHED TURF

Utilizing **RESGENIX™** for general turf applications on areas such as golf course fairways, athletic fields, commercial lawns, and any other managed turf environments equipped with high volume irrigation systems in a planned and scheduled management program through the growing season will result in improved irrigation efficiency with shortened water cycles and reduced environmental effects during periods of drought stress. As a planned maintenance program, it is recommended to apply 0.5-2 gallons per acre every 30 days from the first mowing operation and with continued treatment until dormancy. **RESGENIX™** can also be used as a corrective measure for poor irrigation conditions by utilizing 2-8 pints per acre at 2-week intervals for at least two treatment cycles, or until conditions improve.

NEW SEEDINGS (to include Hydro Seeding) – STAND ESTABLISHMENT

RESGENIX™ may be applied on the initial watering cycle following a new turf seeding. Apply 0.5-2 gallons per acre, once established follow established turf guidelines. For best results, this treatment must be made to freshly seeded, dry soil and applied with the first irrigation cycle or with a ground application prior to first rainfall.

RATE CONVERSION MATRIX FOR TURF APPLICATIONS

Area to Treat	2 pints/acre	4 pints/acre	6 pints/acre	8 pints/acre
1 acre	32 oz.	64 oz.	96 oz.	128 oz.
30,000 sq. ft.	22.2 oz.	44.4 oz.	66.6 oz.	88.8 oz.
20,000 sq. ft.	14.8 oz.	29.6 oz.	44.4 oz.	59.2 oz.
10,000 sq. ft.	7.4 oz.	14.8 oz.	22.2 oz.	29.6 oz.
1,000 sq. ft.	0.74 oz.	1.6 oz.	2.4 oz.	3.2 oz.

MIXING AND HANDLING INSTRUCTIONS

RESGENIX™ is a concentrated product containing highly active water treatment resins. **RESGENIX™** must be handled and applied carefully to ensure trouble free application.

Avoid spills and direct contact, as the product is very difficult to wash and clean from the skin or equipment. **RESGENIX™ CAN BE APPLIED WITH LIQUID FERTILIZER AND PESTICIDES ONLY IF A JAR TEST INDICATES THAT COMPATIBILITY IS SUITABLE FOR USE WITH THE APPLICATION EQUIPMENT.**

INJECTION PROCEDURES FOR RESGENIX™ INTO IRRIGATION SYSTEMS

RESGENIX™ is designed for direct injection into pressurized irrigation systems. Utilizing a Progressive Cavity Pump best completes this process, or alternative injection systems designed for metering small quantities of viscous materials.

IMPORTANT: The injection system utilized for applying this product must meet local safety and regulatory standards for direct injection application. At a minimum, the following general standards must be met prior to using this product.

1. The injection system must be interlocked with the irrigation system in so much that the injection system will not operate and/or will shut down immediately upon any failure of the irrigation system. This interlock mechanism can be accomplished through the use of low-pressure switches, flow sensors, or a direct interlocking wiring scheme with irrigation water pumps. The importance of this fail-safe interlock is to prevent unwanted injection of product, excessive application, and/or spill exposure.
2. The irrigation system must be equipped with backflow prevention to prohibit the backflow of treated water into the irrigation water source.
3. All hoses, clamps, fittings, and seals associated with the injection system must be constructed of materials that are chemically resistant and appropriate for use in the extreme environmental conditions of excessive heat and ultra violet light exposure. Further, the pressure ratings for all such components must be adequate to withstand all operating pressures. Contact your local Helena Representative for more information regarding the details of system specification and/or information about

local codes and regulatory standards. Preparation of the injection equipment is very important to insure that the pump and metering system is clean/dry, and void of water. To insure injection system readiness, follow these instructions carefully.

4. The injection system including induction tubes, all hoses, pumps, fittings, and valves must be completely dry - small amounts of water in the injector tank will "gel" when exposed to **RESGENIX™** causing problems with injector performance. **NOTE:** **RESGENIX™** is designed for direct injection from the original drum package. Utilizing a drawtube and direct injection from the package minimizes exposure to unwanted moisture.
5. Purge the injection system with a Crop Oil Concentrate such as **AGRI-DEX®** to insure that all excess moisture is flushed from the system. This purging process should also be used to prime/calibrate the system, and generally test that the system is operating properly. **IMPORTANT:** Utilize this step to test the fail-safe interlock with the irrigation system.
6. Turn on the sprinkler/irrigation system and confirm water flow before initiating **RESGENIX™** injection.
7. Always confirm that operation of injection equipment ceases as designed upon completion of an irrigation cycle or injection period.

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 Agri-Enterprises, LLC (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 in the directions for use 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 Agri-Enterprises, LLC'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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