

PM 23 45639-204

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 45639-204	DATE OF ISSUANCE FEB 3 1997
	TERM OF ISSUANCE Expiration Date: Conditional, July 13, 1999	
	NAME OF PESTICIDE PRODUCT  REMOVE <sup>®</sup> herbicide	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

AgREVO USA Company  
 2711 Centerville Road  
 Little Falls Centre One  
 Wilmington, DE 19803

**NOTE:** Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is registered in accordance with FIFRA Section 3(c)(7)(C) provided that you:

1. Submit and/or cite all data required for registration/reregistration of this product under FIFRA sec. 3(c)(5) and sec. 4 (g)(2)(C) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 45639-204 to the label before you release the product for shipment.
3. Add a use precaution, under the "Seed Treatment for Corn" section of this label, that reads: Label treated corn seed with the "Seed Disposal" statements on this label.
4. Delete the sentence under "Foliar Application": "REMOVE Herbicide is an organic product that decomposed into naturally occurring compounds.
5. Submit one (1) copy of the final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

enclosure

Joanne I. Miller  
 Product Manager (23)  
 Fungicide-Herbicide Branch  
 Registration Division (7505C)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>Joanne I. Miller</i>	DATE FEB 3 1997
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# REMOVE™ HERBICIDE

**A SELECTIVE HERBICIDE FOR USE EXCLUSIVELY TO ELIMINATE  
NON-GLUFOSINATE-AMMONIUM TOLERANT CORN AND  
SOYBEAN PLANTS IN SEED PRODUCTION**

**ACTIVE INGREDIENT:**

glufosinate-ammonium: butanoic acid, 2-amino-4-  
(hydroxymethylphosphinyl)-, monoammonium salt\* ..... 18.19%\*\*

INERT INGREDIENTS ..... 81.81%

TOTAL 100.00%

\*\* Equivalent to 1.67 pounds of active ingredient per U.S. gallon.

**KEEP OUT OF REACH OF CHILDREN**

## WARNING - AVISO

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

EPA Registration Number 45639-\_\_\_\_

EPA Establishment Number 407-IA-2

Net Contents: 1 Gallon

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

\* Protected by U.S. Patent Nos. 4,168,963 & 4,400,196

FEB 3 1997  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
45639-204



**AgrEvo™**

A company of Hoechst and NOR-AM

**AgrEvo USA Company  
Little Falls Centre One  
2711 Centerville Road  
Wilmington, DE 19808**

## STATEMENT OF PRACTICAL TREATMENT

- If Swallowed:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available, by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.
- If in Eyes:** Flush with plenty of water. Get medical attention if irritation persists.
- If on Skin:** Remove contaminated clothing. Wash skin immediately with plenty of soap and water. Get medical attention.
- If Inhaled:** Remove individual to fresh air. Get medical attention if breathing difficulty develops.

IN CASE OF MEDICAL EMERGENCIES OR HEALTH AND SAFETY INQUIRIES,  
OR IN CASE OF FIRE, LEAKING OR DAMAGED CONTAINERS, INFORMATION  
MAY BE OBTAINED BY CALLING: 800-228-5635, EXT. 202

For product inquiry information, call: 800-441-6138, Ext. 3174.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

May be fatal if absorbed through skin. Causes moderate eye irritation. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

#### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

#### Applicators and other handlers must wear:

Coveralls worn over short-sleeved shirt and short pants; chemical-resistant gloves such as barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils or viton  $\geq 14$  mils; chemical resistant footwear plus socks; protective eyewear. Wear a chemical resistant apron when mixing/loading and cleaning equipment.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering control statement:**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [(40 CFR 170.240(d)(4-6))], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS****Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

Do not use or store near heat or open flame.

**PESTICIDE DISPOSAL:** Wastes resulting from washing of equipment or containers must be disposed of by applying it to a use-site listed on this label or at an approved waste disposal facility. Unused product must be returned to AgrEvo USA Company or disposed of at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Empty containers should be triple rinsed (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**SEED DISPOSAL:** To dispose of out-of-date or otherwise unmarketable seed from plants which have been treated with Remove Herbicide, broadcast and lightly incorporate seed into field soils using disc or other suitable implement. Any resulting crop may be destroyed by chemical or mechanical means. Alternatively, seed may be destroyed by deep burial, incineration or landfill disposal.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not use this product until you have read the entire label. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry-interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls worn over short-sleeved shirt and short pants; chemical-resistant gloves such as barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils or viton  $\geq 14$  mils; chemical resistant footwear plus socks; protective eyewear.

### FIELD CORN SEED AND SOYBEAN SEED PRODUCTION

Remove Herbicide is a water-soluble herbicide for application either as a foliar spray or a seed treatment for use in selectively eliminating plants that do not carry a gene that imparts tolerance to glufosinate-ammonium in corn and soybean seed production fields. Remove Herbicide may be applied to remove susceptible "segregates", i.e., undesirable corn and soybean plants that do not contain a glufosinate-ammonium tolerance gene during seed production. Inbred lines or breeding material not possessing the glufosinate-ammonium tolerance gene will be severely injured or killed if treated with this herbicide.

### FOLIAR APPLICATION

Apply Remove Herbicide *exclusively* to corn or soybean seed production fields in which the desired plants are glufosinate-ammonium tolerant.

Remove Herbicide may *only* be applied to corn or soybean which is being grown for glufosinate-ammonium tolerant seed production. Remove Herbicide may *only* be used for the determination and control of susceptible "segregates". *Do not* use Remove Herbicide on any other crop or for any other purpose. Remove Herbicide will severely injure or kill plants that are not glufosinate-ammonium tolerant. Hooded sprayers can be used to protect any desirable non-transformed corn and soybean plants from coming into contact with the herbicide application.

THOROUGH SPRAY COVERAGE IS VERY IMPORTANT. Visual effects and control of corn and soybean susceptible "segregates" from Remove Herbicide applications occur within 2 to 4 days after application under good growing conditions. Remove Herbicide is an organic product that decomposes into naturally occurring compounds.

Do not allow spray to contact foliage or green tissue of desirable vegetation other than corn or soybean lines in which the desired plants contain a gene for glufosinate-ammonium tolerance. This product will injure or kill all other green vegetation contacted by the spray.

Remove Herbicide works best when the crops are actively growing. The ability of Remove Herbicide to eliminate corn or soybean plants that are not tolerant to Remove Herbicide may be reduced when heavy dew is present on the crops or when the crops are under stress due to drought, cool temperatures or extended periods of cloudiness.

### **Application Timing**

Applications of Remove Herbicide on corn may be made from emergence until corn is 24" tall or in the V-8 stage of growth, i.e., 8 developed collars, whichever comes first. Applications of Remove Herbicide on soybean may be made from emergence to the bloom growth stage. Remove Herbicide is a foliar-active material with no soil-residual activity. Best results are obtained when applications are made to actively growing plants. Remove Herbicide is rainfast 4 hours after application and rainfall within 4 hours may necessitate retreatment. Do not apply when wind causes drift to desirable vegetation as injury may occur.

### **Rate Recommendations**

For the detection and control of susceptible corn "segregates", Remove Herbicide may be applied at up to 40 fluid ounces (2.5 pints) per acre when corn is in the V-3 to V-4 stage of growth, i.e., 3 to 4 developed collars and may be repeated, if necessary, when the corn is in the V-6 to V-8 stage of growth or up to 24" tall.

For the detection and control of susceptible soybean "segregates", Remove Herbicide may be applied at up to 40 fluid ounces (2.5 pints) per acre when soybean is in the third trifoliolate stage and may be repeated, if necessary, up to the bloom growth stage of soybean.

### **Mixing Instructions**

Remove Herbicide must be mixed with water to make a finished spray solution as follows:

1. Fill the spray tank with the required amount of water.
2. Add the proper amount of this product and mix.

## Application Methods

Ground Application: Remove Herbicide should be applied broadcast in a minimum of 10 gallons of water per acre. Flat fan nozzles are recommended. Use a spray pressure of 30 to 40 pounds per square inch.

### Notes for Remove Herbicide Foliar Applications to Corn Or Soybean Which Is Being Grown For Glufosinate-Ammonium Tolerant Seed Production

1. Apply Remove Herbicide exclusively to corn or soybean seed production fields in which the desired plants are glufosinate-ammonium tolerant.
2. Seed from treated plants must only be used for breeding purposes, commercial corn hybrids or commercial soybean varieties. Seed from treated plants must be labeled as follows: "Do not use for feed, food or oil purposes".
3. **DO NOT** use treated corn grain, forage, silage or fodder for food, feed or oil purposes.
4. **DO NOT** use treated soybeans, forage, hay, straw or vines for food, feed or oil purposes.
5. **DO NOT** apply this product through any type of irrigation system.
6. Take necessary precautions such as hooded sprayers and not spraying in windy conditions to minimize drift to desirable plants that do not contain a glufosinate-ammonium tolerance gene.
7. Thoroughly triple rinse sprayer and use a commercial tank cleaner before using in other crops. Make sure any rinsate or foam is thoroughly removed from spray tank and boom. Rinsate may be disposed of in non-crop areas that do not contain desirable vegetation.
8. **DO NOT** apply more than two applications of Remove Herbicide to the corn or soybean crop. **DO NOT** exceed 80 ounces of Remove Herbicide on corn or soybean per growing season.



## SEED TREATMENT FOR CORN

Remove Herbicide may be applied as a seed treatment for the control of susceptible corn "segregates" during the production of glufosinate-ammonium tolerant seed. Apply Remove Herbicide to seed in liquid or slurry treaters at a rate of up to 80 fluid ounces per 100 pounds of seed. Remove Herbicide may be applied with other registered seed treatment insecticides and fungicides.

Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Federal law requires that bags containing the treated seed shall be labeled with the following statement: "This seed has been treated with glufosinate-ammonium herbicide. Do not use for feed, food or oil purposes. Store away from feed and foodstuffs."

### **IMPORTANT: READ BEFORE USE**

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather conditions and soil conditions, manner of use and other factors beyond AgrEvo USA Company's control, it is impossible for AgrEvo USA Company to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of AgrEvo USA Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. AgrEvo USA Company disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liability arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

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