

A company of Hoechst and NOR-AM

VIA UPS OVERNIGHT DELIVERY

Ms. Joanne I. Miller  
Product Manager (23)  
Office of Pesticide Programs - H7505C  
U.S. Environmental Protection Agency  
Crystal Mall Building No. 2, Room 237  
1921 Jefferson Davis Highway  
Arlington, VA 22202

November 18, 1994

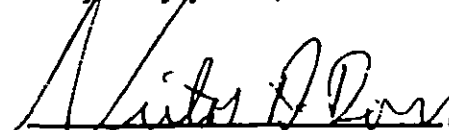
Dear Ms. Miller:

**Subject: Sweep Grass & Weed Killer Super Concentrate  
EPA Reg. No. 45639-191  
Arise Grass & Weed Killer Concentrate  
EPA Reg. No. 45639-193  
Shield Grass & Weed Killer Ready-to-Use  
EPA Reg. No. 45639-192  
Notification of Minor Label Revisions**

On September 16, 1994, I notified you of several minor label revisions for the subject registered products of glufosinate-ammonium. One of these minor revisions included the addition of the statement: "Makes up to [insert number] gallons" on the front panel for the Sweep Grass & Weed Killer Super Concentrate and Arise Grass & Weed Killer Concentrate labels. As an extension to the preceding statement, we will add "Covers up to [insert number] square feet" on each label. The label for Shield Grass & Weed Killer Ready-to-Use will contain only the square footage statement as the dilution statement does not apply for a ready-to-use product.

I have enclosed five copies of each of the subject labels showing the changes noted above. The text additions are shaded for easy identification. Thank you for your assistance in this matter.

Very truly yours,



Victor A. Dorr  
Manager, Regulatory Affairs  
Phone: (302) 892-3154  
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AgrEvo USA Company  
Little Falls Centre One, 2711 Centerville Road, Wilmington, DE 19808, Telephone: (302) 892-3000, Fax: (302) 892-3013

**BEST COPY AVAILABLE**

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Revised: November 16, 1994

# SHIELD GRASS AND WEED KILLER READY-TO-USE

## For Nonselective Weed Control of Emerged Weeds in Residential Outdoor Locations

### ACTIVE INGREDIENT:

glufosinate-ammonium: ammonium-DL-homocalanine-4-yl-(methyl)phosphinate\*\*..... 1.0%\*

INERT INGREDIENTS: ..... 99.0%

TOTAL.... 100.0%

\*Equivalent to 0.08 pound of active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN

## CAUTION

EPA Reg. No 45639-192

EPA Est. No.

Net Contents: *[Various Sizes]*



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



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

## PRECAUTIONARY STATEMENTS

### CAUTION

#### STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation occurs.

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

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling.

#### 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 clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources or arable land.

**STORAGE AND DISPOSAL**

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

Do not use or store near heat or open flame

**PRODUCT STORAGE:** Use and store this product in its original container. Do not put concentrate or dilute product into food or drink containers. Store product in a secure storage area.

**PRODUCT DISPOSAL:** Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash. In case of spill or leak, soak up with paper towels and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse empty bottle. Rinse thoroughly and wrap in several layers of newspaper before discarding in trash.

**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.

**LIMITATIONS OF LIABILITY:** THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT AGREVO USA COMPANY'S ELECTION, THE REPLACEMENT OF PRODUCT.

- No mixing is necessary
- Fast acting; kills most weeds in 1 to 4 days
- Contains a naturally occurring compound
- Has no residual soil activity and will not harm roots of ornamentals
- Glufosinate occurs naturally in the soil

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product, and use only according to label instructions.

Shield Grass and Weed Killer is formulated for home use only for "spot" treatments, to kill weeds around trees, shrubs, fences, walks, patios, driveways, in flower beds, and to spot kill weeds in lawns. Shield Grass and Weed Killer is a nonselective herbicide that will injure or kill all vegetation contacted. Shield Grass and Weed Killer will control the weeds listed on the label plus many other grass and broadleaf weeds. Shield Grass and Weed Killer is an organic compound that has no soil herbicidal activity. Shield Grass and Weed Killer decomposes rapidly in the soil and will not interfere with seed germination or root growth of desirable plants. To avoid spray drift onto desirable plants, do not spray during windy conditions.

### **HOW TO APPLY**

Adjust nozzle to a coarse spray setting. Hold spray tip 1 to 2 feet away from the weed and apply to thoroughly wet the weed, but avoid spray run-off. If spray contacts desirable plant foliage, immediately rinse the foliage with water.

**WEEDS CONTROLLED**

**Broadleaf Weeds**

annual sowthistle  
 bindweed  
 buffalobur  
 Canada thistle  
 chickweed  
 clover  
 common cocklebur  
 curly dock  
 dandelion  
 dogbane (hemp)  
 field gromwell  
 filaree  
 fleabane  
 goldenrod  
 horsetail  
 jimsonweed  
 Kochia  
 lambsquarters  
 leafy spurge  
 London rocket  
 malva (little mallow)  
 mare's tail  
 musk thistle  
 nettle  
 nightshade  
 pennycress  
 pigweed, red root  
 plantain  
 prickly lettuce  
 purslane  
 ragweed  
 Russian thistle  
 shepherds-purse  
 smartweed  
 tansy mustard  
 velvetleaf  
 vervain  
 Virginia copperleaf  
 white heath aster  
 wild buckwheat  
 wild mustard  
 wild onion  
 wild rose  
 wild turnip  
 wood sorrel  
 yellow rocket

**Grasses and Sedges**

annual bluegrass  
 bahiagrass  
 barley  
 barnyardgrass  
 Bermudagrass  
 carpetgrass  
 crabgrass  
 cupgrass  
 dallisgrass  
 downy brome grass  
 fall panicum  
 fescue  
 giant foxtail  
 goosegrass  
 green foxtail  
 guineagrass  
 johnsongrass (rhizome)  
 Kentucky bluegrass  
 lovegrass  
 nutsedge  
 paragrass  
 quackgrass  
 ryegrass  
 sandbur  
 shattercane  
 smooth brome grass  
 stinkgrass  
 torpedograss  
 vaseygrass  
 wheat  
 wild oat  
 windgrass  
 yellow foxtail

**Woody Species**

European blackberry  
 pines  
 poison ivy  
 poison oak  
 roundleaf greenbrier