

Mr. Victor A. Dorr
Agrevo USA Company
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808

Dear Mr. Dorr:

Subject: Ignite[®] herbicide
EPA Registration No. 45639-187
Application Dated June 15, 1995, Request To Add
a Geographic Restriction: "Not For Use in Nassau
and Suffolk Counties.", Supplemental Labeling for
State of New York

Your application to amend the subject pesticide product registration by adding a geographic restriction against use in Nassau and Suffolk Counties in the State of New York has been reviewed and found acceptable as an amendment to the registration provided that you:

1. Submit correspondence that identifies the reason(s) for the restriction of use in the two New York Counties.
2. Revise the chemical expression for glufosinate-ammonium as you were advised by Facsimile Letter of June 1, 1995. This Agency has determined that the chemical expression for this chemical must agree with the Chemical Abstracts nomenclature. In this case, the Agency is not requesting that all labeling be changes immediately to reflect the Chemical Abstracts chemical expression; however, all revised labeling must reflect the Chemical Abstracts nomenclature and all future correspondence must reflect that nomenclature. The rationale for using the Chemical Abstracts nomenclature has been discussed and explained to you. In this regard you will note a consistence with the Premanufacture Notification; Revisions of Premanufacture Notificaton Regulations; Final Rule, Federal Register, Volume 60: 16298-16317, March 29, 1995. Revision of ingredient statements on your product label to reflect the Chemical Abstracts nomenclature may be achieved by notification.
3. Submit one (1) copy of the final printed label before releasing the product for shipment.

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CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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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.

Sincerely yours,

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

enclosure (2 labels)

EWilson: Diskette: Ignite 06-26-95



Supplemental Label

A company of Hoechst and NOR-AM

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUN 26 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
45639-187

Rely®

HERBICIDE

EPA Registration Number 45639-187



Rely®

HERBICIDE

For the Nonselective Weed Control of Emerged Weeds in Apples, Grapes, and Tree Nuts

ACTIVE INGREDIENT:

Glufosinate-ammonium: ammonium-DL-homoalanin-4-yl-(methyl) phosphinate* 11.33%

INERT INGREDIENTS: 88.67%

TOTAL 100.00%

*Equivalent to 1.00 pound active ingredient per U.S. gallon.

EPA Reg. No. 45639-187

Protected by U.S. Patent Nos. 4,168,963 and 4,400,196

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.)

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. Do not induce vomiting in or give anything by mouth to an unconscious person.

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.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

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:

- > long-sleeved shirt and long pants
- > chemical-resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils or viton ≥ 14 mils
- > shoes plus socks
- > protective eyewear

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.

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, or 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. Glufosinate-ammonium and its degradates have those properties normally associated with pesticides that have been detected in groundwater. Use of this product in areas with coarse soils and high water tables may result in groundwater contamination.

GENERAL INFORMATION

RELY® Herbicide is a nonselective herbicide for application as a foliar spray for the control of a broad spectrum of emerged annual and perennial grass and broadleaf weeds. RELY Herbicide will also control certain woody species. Plants that have not yet emerged at the time of application will not be controlled. THOROUGH SPRAY COVERAGE IS IMPORTANT. Visual effects and control from application of RELY Herbicide occur within 2 to 4 days after application under good growing conditions. RELY Herbicide is an organic product that decomposes into naturally occurring compounds.

Avoid all contact with foliage or green tissue of desirable vegetation. This product is nonselective and will injure or kill all green vegetation contacted by the spray. If desirable vegetation is contacted, rinse the sprayed portion with water immediately to reduce potential injury.

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RELY Herbicide works best when weeds are actively growing. Weed control may be reduced when applications are made to weeds under stress due to drought or cool temperatures. Weeds under stress or in dense populations will require application at the highest rate recommended. Refer to the "How to Apply" section of this label.

DIRECTIONS FOR USE

**IN THE STATE OF NEW YORK ONLY:
NOT FOR USE IN NASSAU AND SUFFOLK COUNTIES.**

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.

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 the use of this product may be disposed of on site or 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.

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; chemical-resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils; or viton ≥ 14 mils; shoes plus socks; protective eyewear.

TREE AND VINE CROPS

RELY Herbicide can be used as a directed spray to control undesirable vegetation in the following: orchards, groves and vineyards. When applied as recommended in this label, RELY Herbicide controls annual and perennial weeds. Refer to the "How to Apply" section of this labeling for recommended rates and a list of weeds controlled. Applications may be made on a broadcast, banded or spot treatment basis depending on the situation. Avoid direct spray or drift to desirable vegetation. Regrowth may occur due to the weed stage of growth at application, low use rate or environmental conditions. Repeat treatments may be necessary to control plants generating from underground parts or seed.

Tree Nuts	Vineyards	Tree Fruits
pecan	all grape	apple
walnut	varieties	
filbert	(table, wine, or	
hickory nut	raisin)	
macadamia nut (bush nut)		

Do not apply on desirable foliage or allow spray to drift onto the foliage of trees and vines as damage will occur. Avoid contact with green or uncallused bark on young trees and vines as injury may occur. RELY Herbicide should not be used on trees within one year of transplanting.

Refer to the "When to Apply", "How to Mix" and "How to Apply" sections of this label for information on how and when to properly mix and apply this product. Do not apply more than 18 quarts of RELY Herbicide per acre to tree and vine crops in a 12-month period.

When to Apply

RELY Herbicide is a foliar-active material with no soil-residual activity. Best results are obtained when applications are made to actively growing weeds. RELY Herbicide is rainfast 4 hours after application. Rainfall within 4 hours may necessitate retreatment. Do not irrigate within 4 hours of treatment.

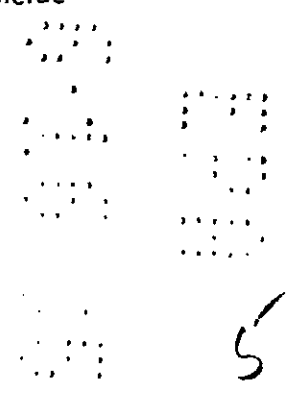
RELY Herbicide should be applied at the rate recommended in the "How to Apply" section of this label. Repeat applications of RELY Herbicide or tank mixes of RELY Herbicide with appropriate residual herbicides will be needed to control weeds emerging from underground parts or seeds.

When using RELY Herbicide in a program approach with other herbicides, follow the precautions and directions of those herbicides as to the most appropriate rate selection.

How to Mix

RELY 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 RELY Herbicide



How to Apply

RELY Herbicide may be applied by ground equipment only. Backpack, pump-up, and hydraulic sprayers may be used. Do not apply this product aerially. Do not apply this product through any type of irrigation system. Good spray coverage of target weeds is important for optimum control.

- > **BROADCAST APPLICATION:** Use the recommended rate of RELY Herbicide as shown in the following sections. Use a minimum of 20 gallons of water per acre with a minimum of 30 psi spray pressure. Proper calibration of sprayers is needed to assure applications at the correct rates and volumes. As density of weeds increases, spray gallonage and/or pressure should be increased to ensure complete coverage.
- > **BANDED APPLICATION:** Banded applications may be used using the following formula to calculate the amount of herbicide needed:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \frac{\text{(gal.) Rate per acre (broadcast)}}{\text{Amount of herbicide (gal/A) needed for treatment (banded)}} =$$

For best results with ground broadcast or banded application equipment, use flat fan nozzles. Check for even distribution of spray droplets. Do not apply when weather conditions favor runoff or drift.

- > **SPOT OR DIRECTED-SPRAY APPLICATION:** RELY Herbicide may be used as a spot or directed-spray application using 1.5 to 4 fluid ounces per gallon of water. Mix 1.5 to 4 fluid ounces per gallon of water depending upon the weed and stage of growth as shown in the following sections. Spray undesirable vegetation foliage on a spray-to-wet basis prior to runoff. Ensure uniform and complete coverage. Use a coarse spray. Do not spray during windy conditions. Backpack, pump-up, and hydraulic sprayers may be used. Thoroughly clean the sprayer following use.

WEEDS CONTROLLED BY RELY HERBICIDE

For spot application: Apply 1.5 fluid ounces per gallon of water.

For broadcast application: Apply 3 quarts per acre when the weeds are less than 6 inches tall. Apply 5 quarts per acre when the weeds are 6 inches or taller.

Broadleaf Weeds	Grasses and Sedges
Chickweed	Barnyardgrass
Clover	Cupgrass
Common cocklebur	Fall panicum
Filaree	Giant foxtail
Jimsonweed	Goosegrass
Kochia	Green foxtail
London rocket	Johnsongrass
Malva (little mallow)	Lovegrass
Marestail	Shattercane
Purslane	Stinkgrass
Shepherdspurge	Windgrass
Smartweed	Yellow foxtail

WEEDS CONTROLLED BY RELY HERBICIDE

For spot application: Apply 3-4 fluid ounces per gallon of water.

For broadcast application: Apply 4 quarts per acre when the weeds are less than 8 inches tall. Apply 6 quarts per acre when the weeds are 8 inches or taller.

Broadleaf Weeds	Grasses and Sedges
Annual sowthistle	Annual bluegrass
Bindweed	Bahiagrass
Buffalobur	Barley
Burdock	Bermudagrass
Canada thistle	Carpetgrass
Curly dock	Crabgrass
Dandelion	Dallisgrass
Dogbane (hemp)	Downy bromegrass
Field gromwell	Fescue
Fleabane	Guineagrass
Goldenrod	Kentucky bluegrass
Horsetail	Nutsedge
Lambsquarters	Paragrass
Leafy spurge	Quackgrass
Mugwort	Ryegrass
Musk thistle	Sandbur
Nettle	Smooth bromegrass
Nightshade	Torpedograss
Pennycress	Vaseygrass
Pigweed, red root	Wheat
Plantain	Wild oat
Prickly lettuce	
Ragweed	
Russian thistle	
Tansy mustard	
Velvetleaf	
Vervain	
Vetch	
Virginia cooperleaf	
White clover	

Broadleaf Weeds	Woody Species
White heath aster	Rubus spp.
Wild buckwheat	Poison ivy/oak
Wild mustard	
Wild onion	
Wild rose	
Wild turnip	
Woodsorrel	
Yellow rocket	

SUCKER CONTROL WITH RELY HERBICIDE

RELY Herbicide will give excellent control of suckers or canes without injury to mature trees or vines. For sucker control, a split application approximately 4 weeks apart at 4 quarts per acre is recommended, or spot spray with 3 ounces per gallon of water. Coverage of all sucker foliage is necessary for optimum control. Suckers should not exceed 12 inches in length.

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Tank Mixtures

Always predetermine the compatibility of labeled tank mixtures of this herbicide with water carrier by mixing small proportional quantities in advance. Always add individual formulations to the spray tank according to the following sequence (first to last): wettable powder, flowable, emulsifiable concentrate, drift control additive, water-soluble liquid followed by surfactant.

Mixing procedures:

1. Fill the spray tank one-half full with water.
2. Add to the spray tank the product to be tank mixed.
3. Fill the spray tank with water to the desired level.
4. Add the recommended amount of RELY Herbicide, always add the RELY Herbicide last to help reduce foaming.
5. Nonionic antifoaming agents may be used.
6. Additional surfactant is not needed.

Maintain good agitation at all times until the contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation is required to resuspend the mixture before spraying is resumed.

Keep bypass line on or near bottom of tank to minimize foaming. Screen size in nozzle or line strainers should be no finer than 50 mesh. Carefully select proper nozzle to avoid spraying a fine mist. For best results with conventional ground application equipment, the use of flat fan nozzles is suggested.

TANK MIX RECOMMENDATIONS FOR TREE AND VINE CROPS

RELY Herbicide does not provide residual weed control. RELY Herbicide will not control underground, unexposed plants or plant parts. Delay application until plants have emerged. Tank mix applications of RELY Herbicide plus suitable residual herbicides are recommended for broad spectrum control and residual activity. Refer to label of companion tank mix products for directions, limitations, warnings, and list of weeds controlled.

RATE OF PRODUCT/ACRE

HERBICIDE	TREE NUTS	VINEYARDS (Grapes)	TREE FRUITS (Apples)
Simazine 4L	Do Not Use	2.0-4.8 qt.	2-4 qt.
Simazine 80W	Do Not Use	2.5-6.0 lb.	2.5-5.0 lb.
Simazine 90	Do Not Use	2.2-5.3 lb.	2.2-4.4 lb.
Karmex ¹ DF	2-6 lb.	2-6 lb.	4 lb.
Sinbar ¹ 80W	1.5-3.0 lb.*	Do Not Use	2-4 lb.
Solicam ² DF	2.5-5.0 lb.	2.5-5.0 lb.	2.5-5.0 lb.
Surflan ³ 4AS	2-6 qt.	2-6 qt.	2-6 qt.
Devrinol ⁴ 50WP	8 lb.	8 lb.	4 lb.
Goal ⁵ 1.6E	2.5-10 pts.	2.5-10 pts.	2.5-10 pts.
Princep ⁶ 4L	1-4 qts.	2-4.8 qts.	2-4 qts.

*For tank mix applications to tree nuts, Sinbar 80W may be mixed with RELY Herbicide for use on pecans only.

FARMSTEADS

When applied as recommended, this product controls undesirable plant vegetation in noncrop areas around farmstead building foundations, shelter belts, along fences and general nonselective farmstead weed control. Refer to the "How to Apply" section of this labeling for appropriate application rates to control specific weeds.

SPECIAL NOTES

1. **DO NOT** apply more than 4.5 gallons of this product per acre to any site in any calendar year.
2. **DO NOT** graze, harvest and/or feed treated orchard cover crops to livestock.
3. **DO NOT** apply this product through any type of irrigation system.
4. **DO NOT** apply this product aerially.
5. **DO NOT** apply this product within 14 days of nut, apple or grape harvest.
6. Compatibility of RELY Herbicide and clay-based, dry flowable herbicides should be determined before tank mixing.

Registered trademark of: 1. E.I. duPont de Nemours & Company; 2. Sandoz Crop Protection Corporation; 3. DowElanco; 4. Zeneca Ag Products; 5. Rohm and Haas Co.; 6. CIBA-GEIGY Corp.

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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 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.

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