

264-652

6/10/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Mike See  
Bayer CropScience  
P.O. Box 12014  
Research Triangle Park, NC 27709

JUN 10 2011

Subject: Notification per PR Notice 98-10 (remove patent numbers and references)  
Rely Herbicide  
EPA Reg. No. 264-652  
Application Dated May 2, 2011

Dear Mr. See:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the subject product. The Registration Division (RD) has conducted a review of this request finds that the action falls within the scope of PRN 98-10. The label submitted with the application has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Mindy Ondish at (703)605-0723 or at [ondish.mindy@epa.gov](mailto:ondish.mindy@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Kathryn V. Montague".

Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

 United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number 264-652	2. EPA Product Manager Kathryn Montague, Jim Stone	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Rely Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Bayer CropScience 2 TW Alexander Drive PO Box 12014 Research Triangle Park, NC 27709 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>NOTIFICATION</u> Product Name <u>JUN 10 2011</u>

**Section - II**

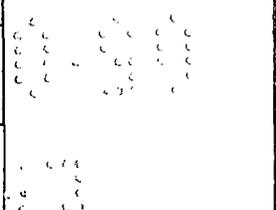
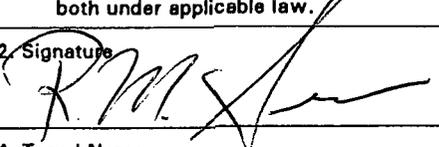
<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 Bayer CropScience is removing all references to patents and patent numbers from the Rely® Herbicide end use product label. NOTIF per PR Notice 98-10.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt.    No. per container	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	If "Yes" Package wgt    No. per container
* Certification must be submitted					
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Mike See	Title Registration Manager	Telephone No. (Include Area Code) (919) 549-2913
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <b>(Stamped)</b> 
2. Signature 	3. Title Registration Manager	
4. Typed Name Mike See	5. Date 02 May 2011	



JUN 10 2011

# Rely<sup>®</sup> HERBICIDE

**For Control of Emerged Weeds in Apples, Berries, Grapes, and Tree Nuts; and for Potato Vine Desiccation**

**ACTIVE INGREDIENT:** glufosinate-ammonium\* ..... **11.33%\*\***  
**OTHER INGREDIENTS:** ..... **88.67%**

\* CAS Number 77182-82-2

**TOTAL 100.00%**

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

**EPA Reg No. 264-652**

**EPA Est. No. 264-MI-001; 407-IA-2**

## 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.)

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

### FIRST AID

<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Rinse mouth thoroughly with plenty of water.</li> <li>• Do not induce vomiting.</li> <li>• Get medical attention immediately.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Get medical attention if irritation develops or persists.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Wash skin immediately with plenty of soap and water.</li> <li>• Get medical attention.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• Get medical attention if breathing difficulty develops.</li> </ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or when going for treatment. Call 1-800-334-7577 for emergency medical treatment information.

### NOTE TO PHYSICIAN

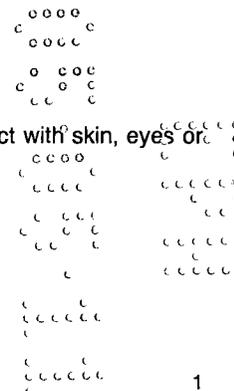
If this product is ingested, endotracheal intubation and gastric lavage should be performed as soon as possible, followed by charcoal and sodium sulfate administration. Additionally, call 1-800-334-7577 immediately for further information.

## 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.

Mixers/loaders supporting aerial applications must wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter.

### 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.

This pesticide is toxic to vascular plants and should be used strictly in accordance with the drift and run-off precautions on this label in order to minimize off-site exposures.

Under some conditions, this product may have a potential to run-off to surface water or adjacent land. Where possible, use methods which reduce soil erosion, such as no till, limited till and contour plowing; these methods also reduce pesticide run-off. Use of vegetation filter strips along rivers, creeks, streams, wetlands, etc. or on the downhill side of fields where run-off could occur to minimize water run-off is recommended.

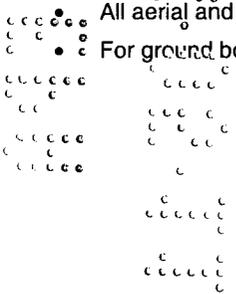
### SPRAY DRIFT REDUCTION

Do not apply under circumstances where possible drift to unprotected persons or to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption can occur.

- Use the largest droplet size consistent with acceptable efficacy. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. For ground boom and aerial applications use medium or coarser spray nozzles according to ASAE 572 definition for standard nozzles or a volume mean diameter (VMD) of 300 microns or greater for spinning atomizer nozzles.
- Make aerial or ground applications when the wind velocity favors on-target product deposition. Apply only when the wind speed is less than or equal to 10 mph. For all non-aerial applications, wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.
- Do not make aerial or ground applications into areas of temperature inversions. Inversions are characterized by stable air and increasing temperatures with increasing distance above the ground. Mist or fog may indicate the presence of an inversion in humid areas. Where permissible by local regulations, the applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperatures.

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

- For ground boom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy.



**PRODUCT 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® 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® occur within 2 to 4 days after application under good growing conditions.

Avoid all contact with foliage or green tissue of desirable vegetation. Do not spray during windy conditions. This product may injure or kill growing plants that receive spray drift or if they receive applications of a spray mixture containing RELY® Herbicide by error or accident. If desirable vegetation is contacted, rinse the sprayed portion with water immediately to reduce potential injury.

RELY® Herbicide works best when weeds are actively growing. Warm temperatures, high humidity, and bright sunlight improve the performance of RELY®. 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 specified label use rate. Stressed conditions also include prior treatments of other contact or systemic herbicides. Do not retreat these weeds with Rely until sufficient new or regrowth has occurred. Refer to the *How to Apply* section of this label.

**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.

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

**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**

**Rigid, Non-refillable containers small enough to shake (i.e., with capacities equal to or less than 5 gallons)**

Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

**Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)**

**Non-refillable Containers**

Non-refillable containers - Do not reuse or refill this container. Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows.

**Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)**

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

**Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, Kegs).**

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple-rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

**Refillable Containers**

Refillable container – Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows. Refill this container with pesticide only. Do not reuse this container for any other purpose. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781) or rinse and either recycle or dispose of the container as follows:

**Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)**

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

**Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, Kegs).**

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To triple rinse the containers before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

**Refillable Containers**

End users are authorized to remove tamper evident cables as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. If this is the case, end users are not authorized to remove tamper evident cables, one way valves or clean container. See Container Disposal instructions under Storage and Disposal.

**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.

**APPLICATION DIRECTIONS FOR USE ON LISTED TREE AND VINE CROPS**

Apply RELY® Herbicide as a directed spray to control undesirable vegetation in apple orchards, grape vineyards, and in tree nut groves for tree nuts listed below. When applied as recommended in this label, RELY® controls annual and perennial weeds. Refer to the How to Apply section of this labeling for recommended rates and a list of weeds controlled. Apply as a broadcast, banded, or spot treatment application 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 applications of RELY® may be necessary to control plants generating from underground parts or seed.

**Tree Nuts**

- almonds
- pecans
- walnuts
- filberts
- hickory nuts
- macadamia nuts (bush nuts)
- pistachios

**Vineyards**

- all grape
- varieties
- (table, wine,
- and raisins)

**Tree Fruits**

- apples

Do not apply on, or allow spray to drift onto, desirable foliage of trees and vines, as damage will occur. Avoid contact with green, uncultured bark on young trees and vines as injury may occur. Do not apply RELY® Herbicide to trees or vines established less than one year, unless protected from spray contact by non-porous wraps, grow tubes, or waxed containers.

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 (4.5 lbs ai per acre) to tree and vine crops in a 12-month period.

### WHEN TO APPLY

RELY® Herbicide is a foliar-active material with little or no perceptible soil-residual activity. Best results are obtained when applications are made to actively growing weeds. RELY® is rainfast for most weeds within 4 hours after application. Rainfall, overhead irrigation, or flood irrigation within 4 hours may necessitate retreatment.

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

When using RELY® Herbicide in a weed control program with other herbicides, follow the precautions and "Directions For Use" for those herbicides.

### APPLICATION METHODS

Apply RELY® Herbicide by ground equipment only. Do not apply Rely® aerially to Tree and Vine Crops. Do not apply this product through any type of irrigation system. Good spray coverage of target weeds is necessary for optimum control.

#### Broadcast Application

Use the recommended rate of RELY® Herbicide as shown in the following sections. Rely® Herbicide should be applied broadcast in a minimum of 15 gallons of water per acre. Under dense weed canopies, 20 to 40 gallons of water per acre should be used so that thorough spray coverage will be obtained. Select a spray pressure which will achieve a droplet size of about 300 microns. Properly calibrate your spraying equipment to assure applications at the correct rates and volumes.

#### Banded Application

Banded applications may be used using the following formula to calculate the amount of herbicide needed for orchard or vineyard strip sprays:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Rate per acre broadcast} = \text{Amount of herbicide needed for treatment}$$

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 drift, such as when winds are gusty. Applications under conditions which cause drift of this product will result in damage to any vegetation contacted.

#### Spot or Directed-Spray Application

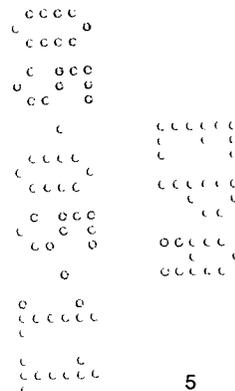
For spot or spray application, use RELY® Herbicide at 4 fluid ounces per gallon of water. Spray undesirable vegetation foliage on a spray-to-wet basis prior to runoff. Ensure uniform and complete coverage. Use a coarse spray. Do not spray during windy conditions. Thoroughly clean the sprayer following use.

DO NOT make spot spray applications to apple suckers, as tree injury may occur.

#### Weeds Controlled by RELY® Herbicide

**For spot application:** Apply 4 fluid ounces per gallon of water and on a spray-to-wet basis prior to runoff.

**For broadcast application:** Apply to vigorously growing broadleaf weeds between cotyledon and early seedling stage of growth and pre-tillered grassy weeds. Apply 3 qt/A to weeds less than 6 inches in height or diameter. Apply 5 qt/A to weeds greater than 6 inches in height or diameter.



**Broadleaf Weeds**

alkali sida  
 bull thistle  
 California arrowhead  
 California burclover  
 carpetweed  
 chickweed  
 Chinese thornapple  
 clover  
 common cocklebur  
 common mallow<sup>1</sup>  
 common mullein  
 common yarrow  
 cudweed  
 cutleaf eveningprimrose  
 dodder  
 eclipta  
 fiddleneck  
 filaree  
 goosefoot

groundcherry  
 groundsel, common  
 henbit  
 jimsonweed  
 knotweed  
 kochia  
 London rocket  
 malva (little mallow)  
 marestalk  
 mayweed  
 miners lettuce  
 morningglory, annual  
 mustard  
 pineapple weed  
 puncture vine  
 purple ammannia  
 purslane  
 redmaids  
 shepherdspurse

**Grasses**

barnyardgrass  
 bluegrass, annual  
 brome, riggut  
 Bullrush<sup>2</sup>  
 canarygrass  
 cupgrass  
 fall panicum  
 giant foxtail  
 goosegrass  
 green foxtail  
 Johnsongrass  
 jungle rice  
 lovegrass  
 soft chess  
 shattercane  
 sprangletop  
 stinkgrass  
 Texas panicum  
 toad rush<sup>2</sup>

windgrass  
 witchgrass  
 yellow foxtail

<sup>1</sup> Use for control of common mallow not permitted in California unless otherwise directed by supplemental labeling.

<sup>2</sup> Suppression

**For spot application:**

Apply 4 fluid ounces per gallon of water.

**For broadcast application:**

Apply 4 quarts per acre when the weeds are less than 8 inches tall or in the rosette stage and to tillered grasses. Apply 6 quarts per acre to broadleaf weeds greater than 8 inches tall in the reproductive stage, or growing under stressed conditions and to fully tillered grasses.

**Broadleaf Weeds**

annual sowthistle  
 bindweed  
 buffalobur  
 burdock  
 Canada thistle  
 curly dock  
 dandelion  
 dogbank (hemp)  
 field gromwell  
 fleabane  
 goldenrod  
 horsetail  
 lambsquarters  
 leafy spurge

mugwort  
 musk thistle  
 nettle  
 nightshade  
 pigweed, red root  
 plantain  
 prickly lettuce  
 ragweed  
 redstem filaree\*  
 Russian thistle  
 tansy mustard  
 velvetleaf  
 vervain  
 vetch

Virginia cooperleaf  
 white clover  
 white heath aster  
 wild buckwheat  
 wild mustard  
 wild onion  
 wild rose  
 wild turnip  
 woodsorrel  
 yellow rocket

**Grasses and Sedges**

smooth bromegrass  
 torpedograss  
 vaseygrass  
 wheat  
 wild oat  
 crabgrass  
 dallisgrass  
 downy bromegrass  
 fescue  
 guineagrass  
 Kentucky bluegrass  
 nutsedge  
 paragrass  
 quackgrass

ryegrass  
 sandbur

**Woody Species**

*Rubus* spp.  
 poison ivy/oak

\* Use for control of redstem filaree not permitted in California unless otherwise directed by supplemental labeling.

**Sucker Control with RELY® Herbicide**

RELY® Herbicide will reduce or eliminate sucker growth when applied to suckers that are young, green, and uncalled. For sucker control, apply a split application approximately 4 weeks apart at 4 quarts per acre. Coverage of all sucker foliage is necessary for optimum control. Suckers should not exceed 12 inches in length.

**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 the tank mix product to the spray tank.
3. Fill the spray tank with water to the desired level.
4. Add the recommended amount of RELY® Herbicide; always add the RELY® last to help reduce foaming.
5. Nonionic antifoaming agents may be used.

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® will not control underground, unexposed plants, or plant parts. Delay application until plants have emerged. Tank mix applications of RELY® plus the following 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.

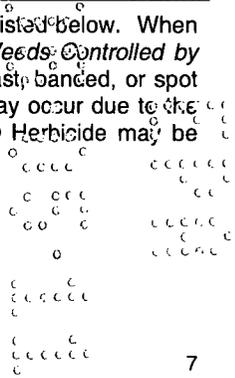
- Chateau
- Simazine 4L
- Simazine 80W
- Simazine 90
- Karmex® DF
- Sinbar® 80W
- Solicam® DF
- Surflan® A.S.
- Devrinol® 50WP
- Goal® 1.6E
- Princep® 4L

**RESTRICTIONS AND PRECAUTIONS FOR TREE AND VINE CROPS**

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 to tree and vine crops.
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.

**APPLICATION DIRECTIONS FOR USE ON LISTED BERRIES\***

Apply RELY® Herbicide as a directed spray to control undesirable vegetation in bushberry and other berry crops listed below. When applied as recommended in this label, RELY® Herbicide controls annual and perennial weeds. Refer to the *Weeds Controlled by RELY® Herbicide* section of this label for recommended rates and a list of weeds controlled. Apply as a broadcast, banded, or spot treatment application 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 applications of RELY® Herbicide may be necessary to control plants generating from underground parts or seed.



**Bushberry Crops**

**Other Berry Crops**

blueberry  
currant  
elderberry  
gooseberry  
huckleberry

lingonberry  
juneberry  
salal

Do not apply on or allow spray to drift onto desirable foliage of the berry bushes as damage will occur. Avoid contact with green or uncallused bark on young bushes as injury may occur.

Refer to the *When to Apply*, *How to Mix* and *How to Apply* sections of this label for information on how to properly mix, and how and when to apply this product.

**USE PRECAUTIONS**

1. **DO NOT** apply more than 12 quarts of RELY® Herbicide per acre (3 lbs. ai per acre) to berry bushes in a 12-month period.
2. **DO NOT** apply this product within 14 days of berry harvest.
3. **DO NOT** graze, harvest and/or feed treated cover crops to livestock.
4. **DO NOT** apply this product through any type of irrigation system.
5. **DO NOT** apply this product aerially to berries.

**\*Use on blueberry, lingonberry, juneberry or salal not permitted in California unless otherwise directed by supplemental labeling.**

**APPLICATION DIRECTIONS FOR POTATO VINE DESICCATION\***

Apply RELY® Herbicide at the beginning of natural senescence of potato vines. Apply 3 pints per acre (48 fluid ounces per acre). Do not split this application or apply more than one application per harvest. Potato varieties with heavy or dense vines may require an application of another desiccation product to complete vine desiccation.

Thorough coverage of the potato vines to be desiccated is essential. Use a sufficient volume of water to obtain a thorough coverage of the potato vines.

**USE PRECAUTIONS**

1. Do not harvest potatoes until 9 days or more after application of RELY® Herbicide.
2. Do not apply to potatoes grown for seed.
3. Do not plant treated areas to wheat, barley, buckwheat, millet, oats, rye, sorghum, and triticale until 30 or more days after an application of RELY® Herbicide as a potato vine desiccant.
4. Do not plant treated areas to crops other than those listed above and below in this use precautions section until 120 or more days after an application of RELY® Herbicide as a potato vine desiccant.
5. Field corn and soybeans may be planted at any time after the application of RELY® Herbicide as a potato vine desiccant.

**GROUND APPLICATION:** Apply RELY® Herbicide in 20 to 100 gallons of water per acre, using 80-degree or 110-degree flat-fan nozzles. Select a spray pressure between 30 to 60 pounds per square inch (psi) measured at the nozzle that will achieve a droplet size of about 300 microns. Vary the gallons of water per acre and the spray pressure as indicated by the density of the potato vines to assure thorough spray coverage. Increase the spray volume to at least 30 gallons of water per acre when the potato vine canopy is dense or under cool and dry conditions. If Turbo TeeJet® spray tips are used, a spray pressure of 60 or more pounds per square inch will be required to get thorough coverage. Do not apply when winds are gusty or when conditions will favor movement of spray particles off the desired spray target. To avoid drift and insure consistent weed control, apply RELY® Herbicide with the spray boom as low as possible while assuring thorough coverage of the potato vines.

**AERIAL APPLICATION:** Apply RELY® Herbicide with aerial equipment in 5 to 10 gallons of water, using the higher volume of water when potato vines are dense. Apply at a height of 10 feet or less above the potato vines and use low-drift nozzles. Adjust the nozzles to provide a uniform pattern and median droplet size of 350 to 450 microns while keeping the pressure at the nozzle at less than 40 psi. Do not apply aerially when atmospheric conditions give rise to spray drift and do not apply when wind could cause drift to surrounding vegetation.

**Mixing Procedures:**

1. Fill the spray tank to the desired level with water.
2. Add the recommended amount of RELY® Herbicide.
3. The addition of a nonionic antifoaming agent may reduce foaming, especially when using soft water. Additional surfactant is not needed.

Ensure that all spray system lines including pipes, booms, and screens have the correct concentration of RELY® Herbicide/water mixture before the application is started. Flush out any remaining air or water from the spray system lines before starting the crop application. Keep bypass line on or near bottom of tank to minimize foaming. Screen size in nozzles or line strainers must be greater than 50 mesh.

**\*Use for Potato Vine Desiccation not permitted in California unless otherwise directed by supplemental labeling.**

**APPLICATION DIRECTIONS FOR NON-CROP FARMSTEAD WEED CONTROL**

When applied as recommended, this product controls undesirable plant vegetation in non-crop areas around farmstead building foundations, shelter belts, along fences, and general nonselective farmstead weed control. Refer to the *Application Methods* section of this labeling for appropriate application rates to control specific weeds.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

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**NET CONTENTS: 2.5 GALLONS**

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Produced for



**Bayer CropScience**

**Bayer CropScience LP  
P.O. Box 12014, 2 T.W. Alexander Drive  
RESEARCH TRIANGLE PARK, NORTH CAROLINA 27709  
1-866-99BAYER (1-866-992-2937)  
<http://www.bayercropscienceus.com>**

