

228-399

06/14/2002

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
228-399

Date of Issuance:  
JUN 14 2002

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Riverdale Predict  
Herbicide

NOTICE OF PESTICIDE:

- Registration
- Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Riverdale Chemical Company  
1333 Burr Ridge Parkway, Suite 125A  
Burr Ridge, IL 60521-0866

**Note:** Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit data.
2. Make the following label changes listed below before you release the product for shipment:
  - a. Add the phrase, "EPA Reg. No. 228-399".
  - b. Wherever it appears on the labeling replace "Waterproof Gloves" with "Chemical Resistant Gloves Category A".
3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

Signature of Approving Official:

Date:

JUN 14 2002

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EPA Reg. No. 228-399

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.

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

Enclosure

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Riverdale®

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

JUN 14 2002

PREDICT® HERBICIDE

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
Registered under EPA Reg. No.

FOR CONTROL OF GRASS AND BROADLEAF WEEDS  
IN FIELD-GROWN NURSERY STOCK AND NONCROP LAND ~~228-349~~

ACTIVE INGREDIENT:

Norflurazon: 4-chloro-5-(methylamino)-2-( $\alpha, \alpha, \alpha$ -trifluoro-m-tolyl)-3-(2H)-pyridazinone\*

78.6%

OTHER INGREDIENTS:

21.4%

TOTAL: 100.0%

\*Based on technical active ingredient analysis by isomer specific method AM-0864. Previously 80% by method T-4295.

Riverdale is a registered trademark of Riverdale Chemical Company.

NOT FOR SALE, USE, OR DISTRIBUTION IN NASSAU COUNTY AND SUFFOLK COUNTY, NEW YORK.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK OF BAG FOR ADDITIONAL  
PRECAUTIONARY AND FIRST AID STATEMENTS

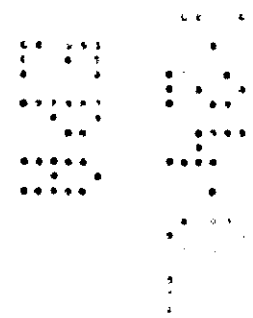
EPA REG. NO. 228-

NET WEIGHT

LBS.

EPA EST. NO. 228-IL-1

MANUFACTURED BY  
RIVERDALE CHEMICAL COMPANY  
BURR RIDGE, ILLINOIS 60527-0866



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

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing.

**FIRST AID STATEMENT**

Have the product container label with you when calling a poison control center or doctor or going for treatment.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Applicators and other handlers must wear long-sleeved shirt, long pants, waterproof gloves and shoes plus socks. 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 STATEMENTS:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in 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 contaminate water when disposing of equipment washwater. 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 allow this material to drift onto neighboring crops or noncrop areas or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues, or other undesirable results may occur. Do not apply this product through any type of irrigation system, or contaminate irrigation ditches or water used for domestic purposes.

Norflurazon can contaminate surface water through spray drift. Under some conditions, norflurazon may also have a high potential for runoff into surface water (primarily via dissolution in runoff water) for several months post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlaying tile drainage systems that drain to surface water.

This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

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 protection equipment (PPE) and restricted entry interval. 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, waterproof gloves and shoes plus socks.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

#### GENERAL INFORMATION

Predict® is a soil active herbicide for control of certain grasses and broadleaf weeds in field-grown nursery stock and noncrop lands.

Predict must be moved into the weed seed germination zone to be effective. If no rainfall occurs within 4 weeks after application, the product must be activated by flood irrigation or sprinkler irrigation. Predict alone has no postemergence activity and will not control established weeds. Existing weeds must be mechanically removed or controlled by using a suitable postemergence herbicide.

Cover crops planted in treated areas must not be harvested, grazed, or fed to livestock.

**Precautions for Field-Grown Nursery Stock:** (1) To avoid plant injury, do not apply until the fall following the first full season of field growth after transplanting. (2) Use only on recommended plantings (see following list) grown on medium- and fine-textured soils. **Do not use on coarse-textured soils.** (3) Caution should be taken when application is made to field-grown plants when roots are planted bound (i.e., in synthetic or burlap bags, etc.), so that herbicide does not channel directly into the root zone. (4) Wait at least 12 months before planting cotton or crops listed on this label. Other crops should not be planted in previously treated soil until a bioassay or test planting with the desired crop exhibits growth without chlorosis for 4 months after emergence. (5) Do not apply to erodible soils which may wash into the root zone of sensitive plants.

#### **DIRECTIONS FOR FIELD-GROWN NURSERY STOCK APPLICATIONS**

Apply Predict before weeds emerge. If weeds have germinated prior to the application of Predict, a contact or burndown herbicide must be used (see tank mix instructions below).

The soil should be settled and firm at the time of application.

Apply as a directed spray. Avoid contact with foliage. Make only one application per year.

Apply the recommended rate of Predict in 20 to 100 gals. of water per acre.

#### **Equipment**

Predict should be applied using an accurately calibrated fixed boom sprayer. Filters with screen sizes of 50-mesh or larger should be used.

#### **Mixing Instructions**

Clean and calibrate the sprayer. Add Predict to the spray tank already filled with the required volume of water. This will eliminate or minimize foaming. Maintain agitation while filling and spraying. If a bypass line is used, discharge at the bottom of the tank to further minimize foaming.

Do not allow Predict spray mixture to remain in the spray tank overnight, because settling will occur and resuspension will be difficult.

#### **Tank Mix Recommendations for Field-Grown Nursery Stock**

Tank mix combinations may be desired for broader spectrum preemergence control or postemergence control of emerged weeds. Predict may be tank mixed with other EPA-registered herbicides in accordance with all directions, precautions, limitations, and recommendations on the label of the tank mix partner, after a compatibility test has shown that no formulation compatibility problem(s) exist (see **Compatibility Test** section).

**Note:** Predict may not always be compatible with formulations of DNA herbicides.

Products should be added to the spray tank in the following order:

1. Wettable powders and water-dispersible granules: wettable powders should be premixed in a small amount of water; water-dispersible granules should be added during filling. Allow both to disperse before other products are added. The order of addition is not important.
2. Flowable liquids
3. Emulsifiable concentrates
4. Surfactants: Begin adding wettable powders, flowable liquids, emulsifiable concentrates, and surfactants after the spray tank is 3/4 full. Continue agitation during the addition of all the materials and while filling and spraying.

#### **Compatibility Test**

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities (see following table).

| Herbicide Formulations | Amount of Herbicide to Add to One Pt. Of Spray Carrier<br>(Assuming Volume is 25 Gals. Per Acre) |                 |
|------------------------|--|-----------------|
|                        | Rate Per Acre  | Level Teaspoons |
| Dry                    | 1 lb.  | 1.5             |
| Liquid                 | 1 pt.  | 0.5             |

If herbicide(s) do not ball-up or form flakes, sludge, gels, oily films or layers, or other precipitates, then the tested spray mix is compatible. Usually, incompatibility in any of the above described forms will occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent approved for agricultural use is recommended. Rerun the above compatibility test with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pts./100 gals. of spray carrier).

#### Broadcast Rates

Apply 3 lbs. of product per acre in the fall or spring.

#### Strip or Band Treatment

When applying a strip treatment of Predict, the following formula may be used to calculate the amount per acre:

$$\frac{\text{Width of strip in ft.}}{\text{Distance between rows in ft.}} \times \text{Lbs. per acre for broadcast treatment} = \text{Lbs. per acre for strip treatment}$$

The solution should be mixed to the maximum label rate and at no point in the field should the solution be applied as a concentration any higher than this rate.

#### RECOMMENDATIONS FOR FIELD-GROWN NURSERY STOCK CROPS

Apply Predict to these species of trees and shrubs as recommended above:

|                    |   |
|--------------------|---|
| Apple              | <i>Malus</i>                            |
| Blueberry          | <i>Vaccinium</i>                        |
| Citrus             | <i>Citrus</i>                           |
| Crabapple*         | <i>Malus*</i>                           |
| Cranberry*         | <i>Viburnum</i>                         |
| Filbert            | <i>Corylus</i>                          |
| Pear               | <i>Pyrus</i>                            |
| Pecan              | <i>Carya</i>                            |
| Walnut             | <i>Juglans</i>                          |
| Boxwood, Korean    | <i>Buxus harlandii</i>                  |
| Cypress, Bald      | <i>Taxodium distichum</i>               |
| Dogwood            | <i>Cornus</i>                           |
| Holly,             |   |
| Green Luster       | <i>Ilex crenata</i> 'Green Luster'      |
| East Palaka        | <i>I. opaca</i> 'East Palaka'           |
| American Greenleaf | <i>I. X</i> 'American Greenleaf'        |
| Footer             | <i>I. X</i> 'Fosteri'                   |
| Nellie Stevens     | <i>I. X</i> 'Nellie Stevens'            |
| Savannah           | <i>I. X</i> 'Savannah'                  |
| Juniper,           |   |
| Andora Creeping    | <i>Juniperus horizontalis</i> 'Plumosa' |
| Burki              | <i>I. virginiana</i> 'Burki'            |
| Fastigata          | <i>I. fastigata</i>                     |
| Magnolia, Southern | <i>Magnolia grandiflora</i>             |
| Maple, Red         | <i>Acer rubrum</i>                      |
| Myrtle, Crepe      | <i>Lagerstroemia indica</i>             |
| Oak,               |   |
| Pin                | <i>Quercus palustris</i>                |
| Willow             | <i>Q. phellos</i>                       |
| Poplar, Tulip      | <i>Liriodendron tulipifera</i>          |
| Sycamore, American | <i>Platanus occidentalis</i>            |

\*Fruit is not to be used for feed and/or human consumption.

**WEEDS CONTROLLED AT FIELD-GROWN NURSERY STOCK RATES**

**Predict at recommended rates controls the following weeds:**

**Broadleaf Weeds (Dicotyledons)**

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Carolina Geranium (wild)          | <i>Geranium carolinianum</i>     |
| Carpetweed                        | <i>Mullugo verticillata</i>      |
| Common Chickweed                  | <i>Stellaria media</i>           |
| Desert Rockpurslane (Redmaids)    | <i>Calandrinia ciliata</i>       |
| Dogfennel                         | <i>Eupatorium capillifolium</i>  |
| Falsedandelion (Smooth Cat's Ear) | <i>Pyrrhopappus carolinianus</i> |
| Fiddleneck                        | <i>Amsinckia intermedia</i>      |
| Filaree* (Redstem and Whitestem)  | <i>Erodium spp.*</i>             |
| Little Mallow (Cheeseweed)        | <i>Malva parviflora</i>          |
| London Rocket                     | <i>Sisymbrium irio</i>           |
| Pigweeds                          | <i>Amaranthus spp.</i>           |
| Pineappleweed                     | <i>Matricaria matricarioides</i> |
| Prickly Sida                      | <i>Sida spinosa</i>              |
| Prostrate Spurge                  | <i>Euphorbia humistrata</i>      |
| Puncturevine                      | <i>Tribulus terrestris</i>       |
| Purslane                          | <i>Portulaca oleracea</i>        |
| Purple Cudweed                    | <i>Gnaphalium purpureum</i>      |
| Shepherdspurse                    | <i>Capsella bursa-pastoris</i>   |
| Spurred Anoda                     | <i>Anoda cristata</i>            |
| Stinging Nettle                   | <i>Urtica dioica</i>             |
| Tropic Croton                     | <i>Croton glandulosus</i>        |
| Tumble Mustard                    | <i>Sisymbrium altissimum</i>     |
| Velvetleaf                        | <i>Abutilon theophrasti</i>      |
| Wild Buckwheat                    | <i>Polygonum convolvulus</i>     |

\*Treat prior to germination and incorporate with water on medium soils if necessary for adequate control.

**Grass and Sedge Weeds (Monocotyledons)**

|                                    |                                |
|------------------------------------|--------------------------------|
| Annual Bluegrass                   | <i>Poa annua</i>               |
| Annual Sedge                       | <i>Cyperus compressus</i>      |
| Bahiagrass (seedling)              | <i>Paspalum notatum</i>        |
| Barnyardgrass                      | <i>Echinochloa crus-galli</i>  |
| Broadleaf Signalgrass              | <i>Brachiaria platyphylla</i>  |
| Brome                              | <i>Bromus spp.</i>             |
| Cheat                              | <i>Bromus secalinus</i>        |
| Crabgrass                          | <i>Digitaria spp.</i>          |
| Downy Brome                        | <i>Bromus tectorum</i>         |
| Fall Panicum                       | <i>Panicum dichotomiflorum</i> |
| Feather Fingergrass                | <i>Chloris virgata</i>         |
| Foxtails                           | <i>Setaria spp.</i>            |
| Goosegrass                         | <i>Eleusine indica</i>         |
| Italian Ryegrass (Annual Ryegrass) | <i>Lolium multiflorum</i>      |
| Johnsongrass (seedling)            | <i>Sorghum halepense</i>       |
| Sandbur                            | <i>Cenchrus longispinus</i>    |
| Sixweeks Grama                     | <i>Bouteloua barbata</i>       |
| Southwestern Cupgrass              | <i>Eriochloa gracilis</i>      |
| Tall Fescue                        | <i>Festuca arundinacea</i>     |
| Texas Panicum                      | <i>Panicum texanum</i>         |
| Wild Barley                        | <i>Hordeum leporinum</i>       |
| Wild Onion                         | <i>Allium canadense</i>        |
| Witchgrass                         | <i>Panicum capillare</i>       |

**Predict applied at recommended rates suppresses the following grass and broadleaf weeds:**

|                      |                                 |
|----------------------|---------------------------------|
| Bermudagrass         | <i>Cynodon dactylon</i>         |
| Camphorweed          | <i>Heterotheca subaxillaris</i> |
| Cocklebur            | <i>Xanthium strumarium</i>      |
| Common Lambsquarters | <i>Chenopodium album</i>        |
| Common Ragweed       | <i>Ambrosia artemisiifolia</i>  |



Florida pusley  
Goldenrod  
Groundsel  
Hairy Fleabane (Flax-leaved Fleabane)  
Henbit *Lamium amplexicaule*  
Horseweed (Marestail)  
Johnsongrass (rhizome)  
Kochia *Kochia scoparia*  
Lanceleaf Sage  
Morningglory  
Natalgrass (seedling)  
Nutsedge  
Orchardgrass  
Pangolagrass (seedling)  
Pennsylvania Smartseed  
Plantains (Bracted and Buckhorn)  
Poorjoe  
Ouackgrass  
Russian thistle  
Silverleaf Nightshade (White Horsenettle)  
Sowthistle  
Spotted Spurge  
Vaseygrass  
Wirestem Muhly (Western Muhly)

*Richardia scabra*  
*Solidago altissima*  
*Senecio Vulgaris*  
*Conyza bonariensis*  
  
*Conyza canadensis*  
*Sorghum halepense*  
  
*Salvia retroflexa*  
*Ipomoea spp.*  
*Rhynchelytrum repens*  
*Cyperus spp.*  
*Dactylis glomerata*  
*Digitaria decumbens*  
*Polygonum pennsylvanicum*  
*Plantago supp.*  
*Diodia teres*  
*Agropyron repens*  
*Salsola iberica*  
*Solanum elaeagnifolium*  
*Sonchus oleracea*  
*Euphorbia maculate*  
*Paspalum urvillei*  
*Muhlenbergia frondosa*

#### DIRECTIONS FOR NONCROP LANDS

Predict may be used for preemergence weed control in noncrop land areas including: industrial sights, rights-of-way (highway, pipeline, railroad, or utility), wasteland, and other noncrop land areas. Do not apply to erodible soils which may wash into the root zone of sensitive plants.

Use Predict at a rate of 2.5 to 5 lbs. of product per treated acre for noncrop land areas. Higher rates within the range should be used for fine-textured soils and where longer residual is desired,

Apply the recommended rate of Predict in 20 to 100 gals. of water per acre.

Since Predict is a preemergence herbicide, it must be applied to the soil surface before weeds germinate. Existing weeds should be mechanically removed or controlled with a suitable postemergence herbicide. Predict must be incorporated into the soil by rainfall or irrigation within 4 weeks of application for best weed control.

#### Tank mix recommendations for noncrop lands

Tank mix combinations may be desired for broader spectrum preemergence control or postemergence control of emerged weeds or brush. Predict may be tank mixed with other EPA-registered herbicides in accordance with all directions, precautions, limitations, and recommendations on the label of the tank mix partner, after a compatibility test has shown that no formulation compatibility problem(s) exist (see **Compatibility Test** section).

**Note:** Predict may not always be compatible with formulations of DNA herbicides.

#### WEEDS CONTROLLED AND SUPPRESSED IN NONCROP LANDS

Predict at recommended rates controls the following weeds:

#### Broadleaf Weeds (Dicotyledons)

Annual Sedge  
Camphorweed  
Carolina Geranium (wild)  
Common Chickweed  
Common Ragweed  
Desert Rockpurslane (Redmaids)  
Dogfennel  
Falsedandelion (Smooth Cat's Ear)  
Fiddleneck

*Cyperus compressus*  
*Heterotheca subaxillaris*  
*Geranium carolinianum*  
*Stelleria media*  
*Ambrosia artemisiifolia*  
*Calandrinia ciliata*  
*Eupatorium capillifolium*  
*Pyrhopappus carolinianus*  
*Amsinckia intermedia*

Filaree\* (Redstem and Whitestem)  
 Goldenrod  
 Little Mallow (Cheeseweed)  
 London Rocket  
 Pineappleweed  
 Prostrate Spurge  
 Puncturevine  
 Purple Cudweed  
 Shepherdspurse  
 Spreading Dayflower  
 Stinging Nettle  
 Tumble Mustard  
 Wild Buckwheat

*Erodium* spp.\*  
*Solidago altissima*  
*Malva parviflora*  
*Sisymbrium irio*  
*Matricaria matricarioides*  
*Euphorbia humistrata*  
*Tribulus terrestris*  
*Gnaphalium purpureum*  
*Capsella bursa-pastoris*  
*Commelina diffusa*  
*Urtica dioica*  
*Sisymbrium altissimum*  
*Polygonum convolvulus*

\*Treat prior to germination and incorporate with water on medium soils if necessary for adequate control.

Grass and Sedge Weeds (Monocotyledons)

Annual Bluegrass  
 Annual Sedge  
 Bahiagrass (seedling)  
 Rarnyardgrass  
 Bearded Sprangletop  
 Broadleaf Signalgrass  
 Cheat  
 Crabgrass  
 Crowfootgrass (seedling)  
 Downy Brome  
 Fall Panicum  
 Feather Fingergrass  
 Foxtails  
 Goosegrass  
 Guineagrass (seedling)  
 Italian Ryegrass (Annual Ryegrass)  
 Johnsongrass (seedling)  
 Natalgrass (seedling)  
 Pangolagrass (seedling)  
 Sandbur  
 Sixweeks Grama  
 Southwestern Cupgrass  
 Tall Fescue  
 Texas Panicum  
 Vaseygrass (seedling)  
 Wild Barley  
 Wild Onion  
 Witchgrass

*Poa annua*  
*Cyperus compressus*  
*Paspalum notatum*  
*Echinochloa crus-galli*  
*Leptochloa fascicularis*  
*Brachiaria platyphylla*  
*Bromus secalinus*  
*Digitaria* spp.  
*Dactyloctenium aegyptium*  
*Bromus tectorum*  
*Panicum dichotomiflorum*  
*Chloris virgata*  
*Setaria* spp.  
*Eleusine indica*  
*Panicum maximum*  
*Lolium multiflorum*  
*Sorghum halepense*  
*Rhynchelytrum repens*  
*Digitaria decumbens*  
*Cenchrus longispinus*  
*Bouteloua barbata*  
*Eriochloa gracilis*  
*Festuca arundinacea*  
*Panicum texanum*  
*Paspalum urvillei*  
*Hordeum leporinum*  
*Allium canadense*  
*Panicum capillare*

**Predict applied at recommended rates suppresses the following weeds:**

Bermudagrass  
 Common Lambsquarters  
 Common Purslane  
 Florida Pusley  
 Groundsel  
 Hairy Fleabane (Flax-leaved Fleabane)  
 Henbit  
 Horseweed (Marestail)  
 Johnsongrass (rhizome)  
 Nutsedge  
 Orchardgrass  
 Pigweeds (Redroot, Tumble, and Green Amaranth)  
 Plantains (Bracted and Buckhorn)  
 Poorjoe  
 Russian Thistle  
 Quackgrass  
 Silverleaf Nightshade

*Cynodon dactylon*  
*Chenopodium album*  
*Portulaca oleracea*  
*Richardia scabra*  
*Senecio vulgaris*  
*Conyza bonariensis*  
*Lamium amplexicaule*  
*Conyza canadensis*  
*Sorghum halepense*  
*Cyperus* spp.  
*Dactylis glomerata*  
*Amaranthus* spp.  
  
*Plantago* spp.  
*Diodia teres*  
*Salsola iberica*  
*Agropyron repens*  
*Solanum elaeagnifolium*

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Sowthistle  
Torpedograss  
Wirestem Muhly (Western Muhly)

*Sonchus oleracea*  
*Panicum repens*  
*Muhlenbergia frondosa*

**STORAGE AND DISPOSAL**

**Pesticide Storage:** Store in original container in a well-ventilated area separately from open containers of fertilizer, feed, and foodstuffs. Avoid cross-contamination with other pesticides. Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Disposal:** Pesticide wastes are toxic. Triple rinse pesticide from containers and use rinsates in the pesticide application. If container is damaged or if pesticide has spilled, contain all spillage and absorb with clay granules, sawdust, or equivalent material. Place in a closed, labeled container for proper disposal. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Triple rinse container (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or if plastic, by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

**WARRANTY**

Riverdale warrants that this herbicide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixtures with other chemicals and factors affecting the use of this product are beyond our control, no warranty is given concerning the use of the product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use, including the use of this product on turf species not recommended on this label.

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