



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
Ariel Rios Building
1200 Pennsylvania Ave. NW
Washington, D.C. 20460

EPA Reg. Number:

228-398

Date of Issuance:

DEC 31 2003

Term of Issuance:

Conditional

Name of Pesticide Product:

Riverdale Endurance Herbicide

NOTICE OF PESTICIDE:

XX 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 60527-0866

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. Add the phrase, "EPA Registration No. 228-398" to the label before you release the product for shipment.
2. Add an asterisk after the common name "prodiamine" in the ingredient statement on the front panel and move the CAS Number for prodiamine as a footnote directly below the ingredient statement.

NOTE
12-31-03

COMMENTS CONTINUED ON PAGE 2 OF THIS NOTICE OF REGISTRATION

Signature of Approving Official:

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Joanne I. Miller, Product Manager 23
Herbicide Branch, Registration Division

Date:

DEC 31 2003

Continued from first page.

3. Since the front panel lists "non-crop areas on or surrounding municipal grounds and government installations", add these sites to the appropriate sections on the remainder of the label such as "General Information" and "Vegetation Management" or delete these sites from the front panel.

4. Add the following "If swallowed" statements to the "First Aid" section:

"If Swallowed: Call 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 do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person."

5. Under the Storage and Disposal section for Container Disposal, add the statement, "If burned, stay out of smoke" back onto the label.

6. Submit/cite all data required for the registration/ reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

7. Submit one (1) copy of the revised final printed label before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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)

Enclosures: Stamped copy of label

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DEC-29-03 15:05 FROM-

T-242 P.002/015 F-837

Riverdale®
ENDURANCE® HERBICIDE

FOR SELECTIVE PREEMERGENCE CONTROL OF GRASS AND BROADLEAF WEEDS IN NON-CROP AREAS ON OR SURROUNDING MUNICIPAL GROUNDS AND GOVERNMENTAL INSTALLATIONS, MANAGED RIGHTS-OF-WAY FOR TRANSPORTATION SYSTEMS AND UTILITIES (INCLUDING ROADWAYS, ROADSIDES, RAILWAYS AND EQUIPMENT YARDS), FACILITIES INCLUDING SUBSTATIONS, TANK FARMS, PUMPING STATIONS, PARKING AND STORAGE AREAS AND UNGRAZED FENCE ROWS, LANDSCAPE ORNAMENTALS, ESTABLISHED PERENNIAL AND WILDFLOWER PLANTINGS, CONIFER AND HARDWOOD SEEDLING NURSERIES.

ACTIVE INGREDIENT:

Prodiamine (CAS No. 29091-21-2)	65.0%
OTHER INGREDIENTS:	35.0%
TOTAL:	100.0%

Riverdale is a Registered Trademark of Riverdale - A Nufarm Company
Endurance is a Registered Trademark Licensed to Riverdale - A Nufarm Company

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR FIRST AID
AND ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 228-GOI

NET WEIGHT 10 LBS.

EPA EST. NO. 228-IL-1

MANUFACTURED BY NUFARM AMERICAS INC. BURR RIDGE, ILLINOIS 60527-0866

ACCEPTED
with COMMENTS
in EPA Letter Dated
DEC 31 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
228-398

Revised from EPA's letter dated 3/17/03 and subsequent clarification by D. Stubbs.
Revised 12/29/03 Followed guidelines as found in Mr. Donald Stubbs e-mail dated 12/29/03.

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

Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Prolonged or frequently repeated skin contact, while mixing or handling the concentrated material, may cause allergic reactions in some individuals.

FIRST AID STATEMENT

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

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 IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. 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)

Non-WPS USES: Mixers and loaders who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) - in general, only agricultural-plant uses are covered by the WPS-must wear: chemical-resistant gloves such as butyl rubber >14 mils or natural rubber >14 mils or nitrile rubber >14 mils.

WPS USES: Applicators, mixers, loaders and others who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170) - in general, agricultural-plant uses are covered-must wear: Long-sleeved shirt, long pants, shoes, socks and chemical-resistant gloves such as butyl rubber >14 mils or natural rubber >14 mils or nitrile rubber >14 mils

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 or enclosed cabs 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

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. After handling this product, immediately wash the outside of gloves before removing them, then remove gloves and all other PPE. Immediately wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limit of solubility, this product is not toxic to fish. However, at concentrations substantially above the level of water solubility, it may be toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not

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.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, shoes, socks and chemical-resistant gloves such as butyl rubber >14 mils or natural rubber >14 mils or nitrile rubber >14 mils.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides, 40 CFR Part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Do not enter treatment areas until spray has dried.

GENERAL INFORMATION

Endurance[®] Herbicide is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in vegetation management situations including: Noncrop areas on or surrounding managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways, and equipment yards); Facilities including substations, tank

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Riverdale Endurance[®] Herbicide

farms, pumping stations, parking and storage areas, and ungrazed fence rows; Landscape ornamentals; Established perennial and wildflower plantings; Conifer and hardwood seedling nurseries.

Endurance controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when Endurance is activated by at least 0.5 inches of rainfall or irrigation, or with shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application.

USE PRECAUTIONS

Do not blend Endurance onto dry fertilizer or any other granular material. Do not apply aerially. Do not apply this product through any type of irrigation system.

Do not graze or feed livestock forage cut from areas treated with Endurance Herbicide.

CHEMIGATION

Do not apply this product through any type of irrigation system.

MIXING AND APPLICATION

Apply Endurance in a minimum of 20 gals./A (0.5 gal./1,000 sq.ft.) of carrier (water and/or fluid fertilizer) using a calibrated, low pressure sprayer with 50 mesh or coarser screens. A broadcast boom or hand held wand designed for herbicide or insecticide application will provide the best results. Select nozzle pressure and gallonage to provide complete coverage.

A spray colorant may be used to modify the color of Endurance to improve application accuracy by minimizing swath skips and overlaps.

Thorough mixing of Endurance in the spray tank is essential for uniform application. Fill the spray tank half full with clean water or fluid fertilizer. Start agitation and check to ensure it is working properly, then add Endurance directly into the tank.

Add the rest of the carrier to obtain the final spray volume. Maintain vigorous agitation in the spray tank before and during the application. This will ensure a well mixed spray suspension.

Thoroughly clean the sprayer after use by flushing the system with water containing a detergent. Refer to Pesticide Disposal section of this label for waste disposal. Do not allow spray suspension to dry in the tank. Endurance may be tank mixed with certain other EPA registered herbicides to provide a broader spectrum of weeds controlled or to control emerged weeds. See Mixing Order in this section and the Vegetation Management and Landscape Ornamentals sections for specific recommendations.

Mixing Order for Tank Mixtures

Follow all applicable directions, restrictions, and precautions on the labels of EPA-registered tankmix partners. When mixing Endurance with other components (carrier and partner pesticide products) add the products to the spray tank in the following order:

1. Water dispersible granules (WG formulations) and wettable powders (WP formulations). Wettable powders should be premixed with a small amount of carrier to form a slurry before addition; water dispersible granules can be added directly during filling. Allow the product to disperse completely before other products are added.
2. Flowable liquids (FL) or suspension concentrates (SC).
3. Emulsifiable concentrates (EC).
4. Surfactants approved for application to turf and ornamentals listed on this label. Check surfactant label before use.

Compatibility Test

Before mixing Endurance with other pesticides in the spray tank, test the compatibility by mixing all components (carrier and pesticide products) in a small container in proportionate quantities (see following table).

Component Formulations	Amount of Component to Add to One Pint of Spray Carrier (Assuming Volume is 25 gals./A)		
	Rate Per Acre	Rate Per 1,000 Sq. Ft.	Level Teaspoons
Dry	1.0 lb.	0.4 oz.	1.5
Liquid	1.0 pt.	0.4 oz.	0.5

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If components do not ball-up or form flakes, sludge, gels, oily films, or layers; then the tested spray mix is compatible. Incompatibility in any of the above forms will usually occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Rerun the above test with commercially available compatibility agents until a suitable suspension is formed.

Weeds Controlled

When used in accordance with this label, Endurance will provide control of the following weeds:

Barnyardgrass	Henbit	Purslane, Common
Bluegrass, Annual (<i>Poa annua</i>)	Itchgrass	Pusley, Florida
Carpetweed	Johnsongrass (from seed)	Rescuegrass ²
Chickweed, Common	Junglerice	Shepherdspurse ²
Chickweed, Mouseear (from seed)	Knotweed	Signalgrass, Broadleaf
Crabgrass (Large, Smooth)	Kochia	Speedwell, Persian
Crowfootgrass	Lambsquarter, Common	Sprangletop
Cupgrass, Woolly	Lovegrass	Spurge, Prostrate
Foxtails, Annual	Panicum, (Texas, Fall, Browntop)	Witchgrass
Goosegrass ¹	Pigweed	Woodsorrel, Yellow (from seed)

¹In many areas a single application of 1 to 2.3 lbs./A Endurance will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 1 to 1.5 lbs./A followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Application Rate Table. Do not exceed the maximum rate for turf grass species listed in the Maximum Application Rate Table above.

²Applications for this weed should be made in late summer, fall, or winter prior to germination.

³Suppression only.

Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 2.3 lbs./A. All applications must be made prior to germination of the weed seeds.

VEGETATION MANAGEMENT

Endurance may be applied to soil surfaces for preemergence control of many grass and broadleaf weeds in noncropland areas on or surrounding: Noncrop areas on or surrounding managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways, and equipment yards), facilities including substations, tank farms, pumping stations, parking and storage areas, and ungrazed fence rows.

Endurance provides preemergence control of germinating weed seeds. Most effective weed control will be obtained when Endurance is activated by at least 0.5 inch rainfall or irrigation, or shallow incorporation prior to weed seed germination and within 14 days following application.

Apply Endurance at 1 to 2.3 lbs./A in fall and/or spring. Equivalent application for smaller areas is 0.36 to 0.83 oz./1,000 sq. ft. Use higher rates of application for longer periods of control. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 2.3 lbs./A.

Endurance may be tank mixed with other registered herbicides for broader spectrum preemergence or postemergence weed control of existing weeds or brush. Tank mixes with Endurance are for use only in states where the tank mix partner(s) are registered for the application site.

Endurance may be tank mixed with Vanguish®, diuron, glufosinate-ammonium, (Final®), Gallery®, Garlon®, Goal®, Glyphosate, Razor®, Razor® SPI and Razor® Pro, Krovar® I & II, Oust®, paraquat, Predict®, Princep®, Arsenal®, Spike®, and Telar®. Read and follow the label of each tank mix partner and follow precautionary statements, directions for use, weeds controlled, and all restrictions that appear on the label of the tank mix partner. This product cannot be mixed with any product that bears a label that prohibits against mixing with another pesticide product.

Read and follow the label of each tank mix partner and follow precautionary statements, directions for use, weeds controlled, and all restrictions that appear on the label of the tank mix partner. This product cannot be mixed with any product that bears a label that prohibits against mixing with another pesticide product.

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Landscape Ornamentals

Endurance may be applied for residual preemergence weed control in the culture of ornamentals (including Established Perennial and Wildflower Plantings).

Use Precautions

Application of solutions containing Endurance directly to rapidly growing tissues or buds may cause deformation or injury. To reduce injury potential under these circumstances, avoid Endurance application until after newly emerged vegetation has hardened off and immediately wash Endurance from plant surfaces onto soil.

One half inch overhead irrigation applied immediately following "over the top" applications will help activate Endurance in the soil and remove visible product residues from the exposed leaves.

Use Rates

Apply Endurance at 1 to 2.3 lbs./A in fall and/or spring. Equivalent applications for smaller areas are 0.36 to 0.83 oz./A 1,000 sq.ft. Use higher rates of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 2.3 lbs./A.

Application Timing and Information**All Applications**

Endurance is a preemergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when Endurance is activated by at least 0.5 inches of rainfall or irrigation, or with shallow (1 to 2 inches) mechanical incorporation, prior to weed seed germination and within 14 days following application.

Best weed control is obtained when Endurance is applied to soil free of clods, weeds, and debris such as leaves and mulch. Prior to application of Endurance, control existing vegetation by hand weeding, cultivation, or the use of an appropriate postemergence herbicide.

The following section gives directions for the use of Endurance in tank mixtures for use on ornamentals.

Landscape Plants

Endurance may be applied at any time to established landscape plants as a broadcast, over the top or directed spray. Irrigation or rainfall soon after application will wash residues off plant foliage and activate Endurance in the soil.

Tank Mixtures For Use On Ornamentals

Endurance may be tank mixed with other registered herbicides listed on this label for a broader spectrum of preemergence control or postemergent weed control. Tank mixes with Endurance are for use only in states where the tank mix partner(s), application site and intended use pattern are registered.

Follow the label(s) of Goal (conifers only), Gallery, Predict or other potential tank mix partner(s) for uses, rate recommendations, application timing, weeds controlled, phytotoxicity and specific use precautions and/or restrictions.

Goal in tank mixes with Endurance is effective for the postemergence control of certain broadleaf weeds including malva and filaree. Goal in tank mixes with Endurance can only be applied to conifers listed on the Goal label.

Before combining tank mix partners in the spray tank it is advisable to test compatibility by mixing the products in a small container. See the Compatibility Test section under Mixing and Application.

Paraquat, glyphosate, and glufosinate-ammonium (Finale) are non-selective postemergence herbicides used for control of most emerged annual grass and broadleaf weeds. Drift of paraquat, glyphosate or glufosinate-ammonium (Finale) onto ornamental plants will cause injury. Tank mixes using paraquat, glyphosate, or glufosinate-ammonium (Finale) must be applied as a directed spray to avoid contact with desirable species. When Endurance is applied in tank mixes with postemergent herbicides recommended on this label, delay irrigation according to the postemergent partner label to allow absorption of the post-emergent herbicide.

Do not apply sprays containing either paraquat, glyphosate, or glufosinate-ammonium over the tops of ornamental plants. Extreme care must be exercised to prevent contact of spray mixtures of these herbicides with foliage or stems of turfgrasses, trees, shrubs, or other desirable vegetation because severe damage or death may result. If spraying areas adjacent to desirable plants use a shield to prevent spray from contacting foliage or stems of desirable plants.

Tolerant Ornamental Species

Endurance will not harm most trees, shrubs, vines, and flowers. The species listed below in Table 1 are tolerant to Endurance. Also Endurance is approved for application, except in

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California, to the species in Table 2. Endurance may be applied over the top of these species.

When plants are under stress (such as heat, drought, or frost damage) some cultivars of listed plants may be sensitive to Endurance.

Table 1 -- Tolerant Ornamental Species -- All States

<u>Scientific Name</u>	<u>Common Name</u>
Abies spp.**	Fir species** (Balsam, Fraser, Noble, etc.)
Acer palmatum	Japanese Maple
Acer platanoides	Norway Maple
Actinidia chinensis*	Kiwi*
Agapanthus africanus	Lily-of-the-Nile (African Lily)
Arctostaphylos densiflora	Vine Hill Manzanita
Arctotheca calendula	Cape Weed
Aucuba japonica	Japanese Aucuba
Berberis gladwynensis	Barberry
Berberis julianae	Wintergreen Barberry
Berberis mentorensis	Mentor Barberry
Berberis thunbergii	Japanese Barberry
Berberis verruculosa	Warty Barberry
Buxus microphylla	Japanese Boxwood
Callistemon viminalis	Weeping Bottlebrush
Calluna vulgaris	Scotch Heather
Carpobrotus edulis	Hottentot Fig (Ice Plant)
Cassia artemisioides	Feathery Cassia
Ceanothus rigidus	Wild Lilac
Chamaecyparis pisifera	False Cypress
Cleyera japonica	Cleyera
Citrus spp.*	Citrus species*
Cornus florida	Flowering Dogwood
Cornus stolonifera	American Dogwood
Cortaderia selloana	Pampas Grass
Cotoneaster apiculatus	Cranberry Cotoneaster
Cotoneaster buxifolius	Cotoneaster
Cotoneaster dammeri	Bearberry Cotoneaster
Cotoneaster microphyllus	Rockspray Cotoneaster
Cretaeus spp.	Hawthorne
Cupressus sempervirens	Italian Cypress
Delosperma alba	White Trailing Ice Plant

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Dodonaea viscosa	Hop Bush
Elaeagnus pungens	Silverberry
Euonymus fortunei	Wintercreeper
Euonymus japonica	Japanese Spindle Tree (Evergreen Euonymus)
Euonymus kiautschovicks	Spreading Euonymus
Fatsia japonica	Japanese Aralia
Forsythia intermedia	Border Forsythia
Forsythia viridissima	Greenstem Forsythia
Gardenia jasminoides	Gardenia, Cape-Jasmine
Gladiolus spp.**	Gladiolus species**
Hedera helix	English Ivy
Hibiscus**	Rose of Sharon**
Hibiscus Rosa-sinensis	Chinese Hibiscus
Ilex cornuta	Chinese Holly
Ilex crenata	Japanese Holly
Ilex opaca	American Holly
Ilex pernyi	Holly
Ilex vomitoria	Yaupon Holly
Iris spp.**	Iris species**
Jasminium nudiflorum	Winter Jasmine
Juniperus chinensis	Chinese Juniper
Juniperus conferta	Shore Juniper
Juniperus horizontalis	Creeping Juniper
Juglans spp.*	Walnut*
Justicia brandegeana	Shrimp Plant
Lagerstromia indica	Crape Myrtle
Ligustrum amurense	Amur Privet
Ligustrum japonicum	Japanese Privet
Ligustrum lucidum	Glossy Privet (Wax-Leaf)
Liriope ruscari	Big Blue Lilyturf
Lonicera japonica	Japanese Honeysuckle
Lonicera tatarica	Tatarian Honeysuckle
Magnolia spp.**	Magnolia species **
Maleophora luteola	Ice Plant
Malus spp.*	Crabapple*
Nandina domestica	Heavenly Bamboo
Narcissus spp.**	Narcissus species**
Nerium spp.	Oleander

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<i>Olea europaea</i> *	Olive*
<i>Ophiopogon japonicus</i>	Mondo Grass
<i>Osteospermum fruticosum</i>	Trailing African Daisy
<i>Oxydendrum arboreum</i>	Sourwood
<i>Persea americana</i> *	Avocado*
<i>Photinia fraseri</i>	Fraser's Photinia (Redtip)
<i>Picea</i> spp.**	Spruce species** (Colorado Blue, Norway, etc.)
<i>Pieris japonica</i>	Lily-of-the-Valley Shrub
<i>Pinus brutia</i>	Calabrian Pine
<i>Pinus canariensis</i>	Canary Island Pine
<i>Pinus elliottii</i>	Slash Pine
<i>Pinus halepensis</i>	Aleppo Pine
<i>Pinus nigra</i>	Austrian Black Pine
<i>Pinus palustris</i>	Longleaf Pine
<i>Pinus radiata</i>	Monterey Pine
<i>Pinus strobus</i>	Eastern White Pine
<i>Pinus sylvestris</i>	Scotch Pine
<i>Pinus taeda</i>	Loblolly Pine
<i>Pinus thunbergiana</i>	Japanese Black Pine
<i>Pinus virginiana</i>	Virginia Pine
<i>Pistacia</i> spp.*	Pistachio*
<i>Pittosporum rhombifolium</i>	Queensland Pittosporum
<i>Pittosporum tobira</i>	Japanese Pittosporum
<i>Podocarpus macrophyllus</i>	Japanese Yew
<i>Prunus laurocerasus</i>	English Laurel
<i>Prunus</i> spp.*	Almond, Apricot, Nectarine, Peach, Plum, and Prune
<i>Pseudotsuga menziesii</i> **	Douglas Fir*
<i>Pyracantha coccinea</i>	Firethorn, Scarlet
<i>Pyracantha fortuneana</i>	Firethorn
<i>Pyracantha koidzumii</i>	Firethorn
<i>Pyrus</i> spp.	Bradford Pear spp.
<i>Quercus rubra</i>	Oak species
<i>Rhaphiolepis indica</i>	Indian Hawthorne
<i>Rhododendron</i> (including Azalea)	Coral Bells'
	'Formosa
	Hino-crimson
	PJM'

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	'Roseum Elegans
Rosa banksiae	Lady Bank's Rose
Rosmarinus officinalis*	Rosemary*
Rumohra adiantiformis	Leatherleaf Fern
Santolina virens	
Sedum album	Stonecrop
Syzygium paniculatum	Japanese Boxcherry
Taxus cuspidata	Japanese Yew
Taxus media	Yew
Thuja occidentalis	American Arborvitae
Trachelospermum asiaticum	Star Jasmine
Tsuga canadensis	Canada Hemlock
Tulipa spp.	Tulip species
Viburnum japonicum	Japanese Viburnum
Viburnum odoratissimum	Sweet Viburnum
Viburnum plicatum	Japanese Snowball
Viburnum rigidum	Canary Island Viburnum
Viburnum tinus	Laurustinus
Viburnum trilobum	Cranberry Bush
Viburnum wrightii	Leatherleaf Viburnum
Vinca major	Vinca
Vinca minor	Dwarf Periwinkle
Vitis spp.*	Grape*
Weigela florida	Old Fashioned Weigela
Yucca aloifolia	Spanish Bayonet
Yucca filamentosa	Yucca, Adam's Needle

*Do not use on food producing trees, vines, or plants.

**Not for use on container grown plants.

Table 2 - Tolerant Ornamental Species/Varieties - All States Except CA

<u>Scientific Name</u>	<u>Common Name</u>
Abelia grandiflora	Abelia: Sherwood
Achillea spp.	Yarrow: King Edward
Agapanthus orientalis	
Akebia quintata	Five-Leaf or Chocolate Vine
Allium cernuum	Lady's Leek, Nodding Onion
Anemone hybrida	Japanese Anemone
Aquilegia spp.	Aquilegia: Red and Gold

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Artemisia spp.	Wormwood; Silver Mound, Castle
Aster spp.	Aster: Bonny Blue, Purple Dome
Aster X frikartii	
Athyrium filix-femina	Lady Fern; Fern Lady
Begonia spp.	Fibrous Begonia: Hardy Grandis
Bergenia cordifolia	
Boltonia asteroides	Snowbank
Bougainvillea spp.	Bougainvillea
Buddleia davidii	Butterfly-Bush (Dwarf Blue); Royal Red
Callistemon citrinus	Crimson Bottlebrush
Campanula carpatica	Tussock Bellflower; (White Clips)
Campis X tagliabuana	Trumpet Creeper, Trumpet Flower; Madame Galen
Ceratostigma plumbaginoides	
Chrysanthemum nipponicum	
Coreopsis spp.	Coreopsis (Calliopsis): Early Sunrise, Moonbeam
Crococsmia spp.	Lucifer
Delosperma spp.	Cooperi Pink
Delphinium spp.	Larkspur; Blue Elf
Dianthus deltoides	Dianthus, Maiden Pinks 'Zing'
Dianthus gratianopolitanus	Cheddar Pink
Echinacea purpurea	Coneflower, Purple; Magnus
Forsythia suspensa	Weeping Forsythia
Gaillardia spp.	Gaillardia, Blanket Flower: 'Goblin'
Gaura spp.	
Gentiana dahurica	Gentian
Geranium cinereum	Cranesbill
Gypsophila repens	Baby's Breath
Helianthemum spp.	Sun rose
Hemerocallis spp.	Daylily: Aztec Gold, Stella De Oro, Tender Love
Heucherella spp.	Coral Bell; Bridget Bloom
Hibiscus spp.	Mallow; Disco Belle White
Hosta plantaginea	Hosta, Plantain Lily (Fragrant)
Hosta sieboldiana	Hosta, 'Searsucker'
Houttuynia cordata var. variegata	
Hydrangea macrophylla	Bigleaf Hydrangea
Inula ensifolia	
Iris ensata	Sword-Leaved Iris; Jodlesong
Iris siberica	Siberian Iris; Cabernet
Juniperus davurica	Parsoni

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Lagerstromia indica x fauriei	Crape Myrtle; Tuscarora
Lantana montevidensis	Weeping Lantana
Lavender spp.	Lavender; Munstead
Leontopodium alpinum	Edelweiss
Ligustrum sinense	Chinese Privet; Variegata
Lilium spp.	Lily: Jazz
Liriope muscari var. variegata	Liriope, Variegated
Liriope spicata	Liriope, Creeping
Lobelia cardinalis	Cardinal Flower, Indian Pink
Loropetalum chinense	Burgundy
Lythrum spp.	Loosestrife; Modern Pink
Miscanthus sinensis	Yaku Jima, Silberfeder
Oenothera missourensis	Evening Primrose
Osmanthus heterophyllus	Osmanthus (False Holly): Gulf Tide
Paeonia suffruticosa	Tree Peony
Pennisetum setaceum	Fountain Grass (Dwarf)
Perovskia atriplicifolia	
Physostegia virginiana	Dragonhead, False; Vivid
Quercus shumardii	Oak, Shumards Red
Rhaphiolepis umbellata	Yedda Hawthorne
Rhododendron (including Azalea)	'Delaware Valley White'
	Flame Creeper
	Girard Crimson
	'George L. Tabor'
	Wakeiebisu
	White Gumbo
Rudbeckia spp.	Black-eyed Susan: Goldstrum
Saxifraga spp.	Saxifrage; Purple Dome
Scabiosa spp.	Pincushion Flower
Sedum caudicicola	Stonecrop; Lidakense
Sedum dasycyllum	Stonecrop
Sedum spurium	Stonecrop; Dragon's Blood
Spiraea bumalda	Spiraea: Anthony Waterer
Syzygium paniculatum	Australian Brushcherry
Teucrium spp.	Germander
Thalictrum dipterocarpum	Meadow Rue
Veronica spp.	Veronica, Speedwell; sunny Border
Viburnum suspensum	Arrowood Viburnum

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Always use original container to store pesticides in a secure warehouse or storage building. This product should be stored in a cool, dry location. Container should be opened in a well ventilated area. All containers should be kept tightly sealed when not in use. Do not store near open containers of fertilizer, seed or other pesticides. Do not contaminate water, feed or foodstuff by storage or disposal.

PESTICIDE DISPOSAL: Improper disposal of excess pesticide, spray mixtures or rinsate is a violation of Federal law. If container is damaged or if pesticide has spilled, contain all spillage. 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.

CONTAINER DISPOSAL: Paper and Plastic Containers - Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or at an incineration facility, or, if allowed by state and local authorities, by burning locally.

WARRANTY

Seller 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. (NEW)

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