



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 19, 2022

Bill Washburn
Registration Manager
Helena Agri-Enterprise LLC
225 Schilling Boulevard, Suite 300
Collierville, TN 38017

Subject: Registration Review Label Mitigation for Prodiamine
Product Name: PRO-MATE RONSTAR 1.0% PLUS .22% BARRICADE WITH
FERTILIZER
EPA Registration Number: 5905-571
Application Date: 7/9/2019
Decision Number: 552889

Dear Mr. Bill Washburn:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Prodiamine Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently

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approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Darius Stanton by phone at 202-566-2332, or via email at Stanton.darius@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a long horizontal flourish extending to the right.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

ACCEPTED

01/19/2022

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5905-571

PRODIAMINE	GROUP	3	HERBICIDE
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OXADIAZON	GROUP	14	HERBICIDE
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PRO-MATE® RONSTAR 1.0% PLUS .22% BARRICADE WITH FERTILIZER

50 lbs. Bag Treats Up To 10,869 Sq. Ft.

FOR SALE TO AND USE BY PROFESSIONAL APPLICATORS ONLY.

FOR USE ON: PARKS, GOLF COURSES (Fairways, Roughs, only. Do not use on Golf Course Putting Greens and Tees), **SOD FARMS, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS AREAS.** Also for use around Ornamental Shrubs, Trees, and Ground Covers, as listed on this label.

NOT FOR USE ON HOME LAWNs. NOT FOR SALE TO OR USE BY HOMEOWNERS.

A PRE-EMERGENT WEED CONTROL PRODUCT PLUS A QUALITY FERTILIZER FOR USE ON VARIETIES OF PERENNIAL BLUEGRASS, BERMUDAGRASS, BUFFALOGRASS, PERENNIAL RYEGRASS, ST. AUGUSTINE GRASS, SEASHORE PASPALUM, TALL FESCUE, AND ZOYIAGRASS.

CONTROLS: CRABGRASS, ANNUAL BLUEGRASS, GOOSEGRASS, FLORIDA PUSLEY, OXALIS, STINGING NETTLE, CARPETGRASS, PIGWEED & OTHER WEEDS LISTED.

ACTIVE INGREDIENT:

Oxadiazon*: {2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl) delta 2-1,3,4-oxadiazolin-5-one}.....1.00%

Prodiamine*: 2,4-Dinitro-N3,N3-dipropyl-6-(trifluoromethyl)-1,3-benzenediamine 0.22%

INERT INGREDIENTS:..... 98.78%

TOTAL:.....100.00%

*CAS (19666-30-9)

*CAS (29091-21-2)

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.)

FIRST AID

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 do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water or 15-20 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 ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF INHALED:

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

HOT LINE NUMBER

Have this product container with you when calling a poison control center or doctor or when going for treatment. In case of emergency call 1-800-424-9300

AD 110310

EPA REG. NO.: 5905-571

EPA Est. No.: First letters of batch code indicate producing establishment:

5905-NC-018 = RNC; 5905-FL-013 = FP;

5905-NM-003 = MNM; 5905-NE-009= LN

NET WEIGHT: 50 LBS

MANUFACTURED FOR

HELENA AGRI-ENTERPRISES, LLC

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE TENNESSEE 38017

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Wear protective eyewear (goggles, face shield, or safety glasses). Causes skin irritation. Do not get in eyes, on skin or clothing. Maybe harmful if swallowed, absorbed through skin, or inhaled. Avoid breathing dust, contact with skin, eyes, or clothing. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling. Do not allow domestic animals to graze treated areas. Avoid contamination of food and feedstuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers must wear coveralls, chemical resistant gloves, chemical resistant footwear plus socks, protective eyewear, headgear for overhead exposure, chemical resistant apron when cleaning equipment. Follow manufacture's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS: Applicators 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, 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 contaminate water when disposing of equipment wash water.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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 requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system. ***Not for use on Home Lawns***

NON-AGRICULTURAL USES REQUIREMENTS

The requirements of 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 only on farms, forests, nurseries, sod farms or greenhouses.

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 Sod farms, nurseries, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions and pertaining to the statements on this label about personal protective equipment (PPE) notification to workers 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 and footwear, plus socks, protective eyewear, and chemical resistant headgear for overhead exposure.

STORAGE AND DISPOSAL

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

STORAGE: Store product in its original bag, in a cool, dry, locked place out of reach of children. In case of spill, sweep up, and use according to directions or dispose of as follows.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WEED RESISTANCE MANAGEMENT

For resistance management, please note that **Pro-Mate Ronstar 1% Plus Barricade .22% with Fertilizer** contains both a Group 3 / Prodiamine and a Group 14 / Oxadiazon herbicide. Any weed population may contain plants naturally resistant to Group 3 and/or Group 14 herbicides. The resistant individuals may dominate the weed population if these herbicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- rotate the use of **Pro-Mate Ronstar 1% Plus Barricade .22% with Fertilizer** or other Group 3 or Group 14 Herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- if a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- for further information or to report suspected resistance, contact Helena Agri-Enterprises at 901-761-0050 or at www.helenaagri.com

General Information Usage on Turfgrass

PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER may be used at full rate or as split application in established Perennial Bluegrass, Bentgrass (see restrictions), Bermuda grass, Buffalo grass, Perennial Ryegrass, St Augustine grass, Seashore Paspalum, Tall Fescue and Zoysiagrass turf, at apartment/condominium complexes, corporate and public parks, golf courses, sod farms, athletic fields, playgrounds, cemeteries, woody ornamental shrubs, vines, trees as well on other ornamental recreations turfgrass areas. **Not for use on home lawns.** The turf should be free of leaves and thatch and in condition to allow granules to reach the soil surface. Do not apply to turf when it is wet. Do not overlap spreader applications, especially on St. Augustine grass since discoloration "streaking" may temporarily occur from the "doubled" rate. See section on label entitled **PRECAUTIONS IN USING ON TURFGRASS** for the maximum rate allowed on **St. Augustine and Bentgrass**. **PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER** used at 6.88 lbs per 1,000 sq. ft (300 lbs per acre) provides Ronstar 3 lb. a.i. plus .66 lb a.i. Barricade per acre. After applications if rain is not expected within 24 hours, sprinkler irrigate the treated turf up to 1/2 inch of water to release the herbicide for maximum weed control and quicker response from the fertilizer nutrients. **PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER** is a pre-emergence herbicide and must be applied prior to weed seed germination. It will not control growing weeds.

For Spring and Split Application On Golf Courses: 300 to 400 lbs per acre application of **PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER** may be applied as split applications. Weed control and better turf management can be

programmed by splitting the a.i. per acre rate of active ingredients into “two” separate applications. For example to accomplish this in a given region of the country using the 300 lbs rate, first apply 150 lbs **PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER per acre (3.44 lbs per 1,000 sq ft.)** for the first application, 1 to two weeks prior to weed seed germination or in late December or early January; then follow with the second “1/2” rate in 60 days or in March. If you are using the 400 lb rate, then first apply 200 lbs (**4.6lb per 1,000 sq. ft**) of **PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER per acre** 1 to two weeks prior to weed seed germination or in late December or early January; then follow with the second “1/2” rate in 60 days or in March. **NOTE: The 3.44 or 4.6 lbs 1,000 sq. ft. rates should not be split if applied to new turf areas where weed pressure is expected to be heavy.**

PRECAUTIONS IN USING ON TURFGRASS:

Do not use on Red Fescue, Dichondra, or Centipede grass because damage will occur. **Do not use on Putting Greens or “Tees”** due to varying cultural practices used.

For St. Augustinegrass: Do not exceed the rate of 3 lbs Ronstar a.i per acre which is 300 lbs of **PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER** per acre or 6.88 lbs per 1,000 sq. ft.. (50 lbs / 7,267sq ft). This product may cause discoloration of St. Augustine, but this discoloration is temporary and normally outgrown within 2 to 3 weeks... Avoid contact with flowers and shrubs except as recommended elsewhere for ornamental plants on this label. Seeding into treated areas should be delayed until 4 months after treatment.

For Bentgrass Turf: **PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER** may cause discoloration of Bentgrass, but this discoloration is temporary and normally outgrown within 2 to 3 weeks. Avoid contact with flowers and shrubs except as recommended elsewhere for ornamental plants on this label. Do not apply to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment.

Restrictions:

DO NOT exceed the rate of 3 lbs. of Ronstar active ingredient (a.i).per acre which is 300 lbs **PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER** per acre or 6.88 lbs per 1,000 sq. ft. (50 lbs / 7,267 sq ft). DO NOT apply to Bentgrass turf mowed less than 3/8th inch.

For Newly Seeded Lawns - do not apply this product until after the second or third cutting. For best lawn care, plant new grass seed in fall of the year. Spring preemergent weed control can then be applied. If reseeding treated areas after application: Delay new seeding until 4 months after treatment.

HOW TO APPLY

For best weed control, rake the area free of leaves and thatch and mow if necessary so that granules will reach the soil surface. Measure the area to be treated and uniformly apply the required amount using a fertilizer spreader (see Spreader Settings chart). Do not apply to turf when it is wet. Do not over-lap spreader applications on St. Augustinegrass, as discoloration “streaking” may temporarily occur from “double rate.” After applications, if rain is not expected within 24 hours, sprinkle the treated turf with 1/4 to 1/2 inch of water to get maximum weed control.

PRE-EMERGENCE WEED CONTROL			
Weed Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Crabgrass (Digiteria spp) Goosegrass (Eleusine indica) Field Sandbur (Canchus insertus) Annual Sedge (Cyperus compressus)	200 to 400 lbs per acre*	4.6 to 9.2 lbs per 1,000 sq. ft	Apply in late winter or early spring prior to weed germination. See Map. In areas 4 & 5 application made after April or May may not be fully effective
Annual Bluegrass(Poa annua)	200 to 400 lbs per acre*	4.6 to 9.2 lbs per 1,000 sq. ft.	Apply in late summer to early fall prior to germination.
Virginia Buttonweed (Diodia) Pigweed (Amaranthus spp) Florida Pusley (Richardia scabra) Oxalis (Oxalis spp) Stinging Neggle (Urtica dioica)	400 per acre	9.2 lbs per 1,000 sq. ft	Apply in early spring prior to weed seed germination

Carpetgrass (<i>Axonopus offinis</i>)			
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***NOTE: Apply higher rates where high weed infestation is expected. Apply lower rates where lower weed infestation is expected.**

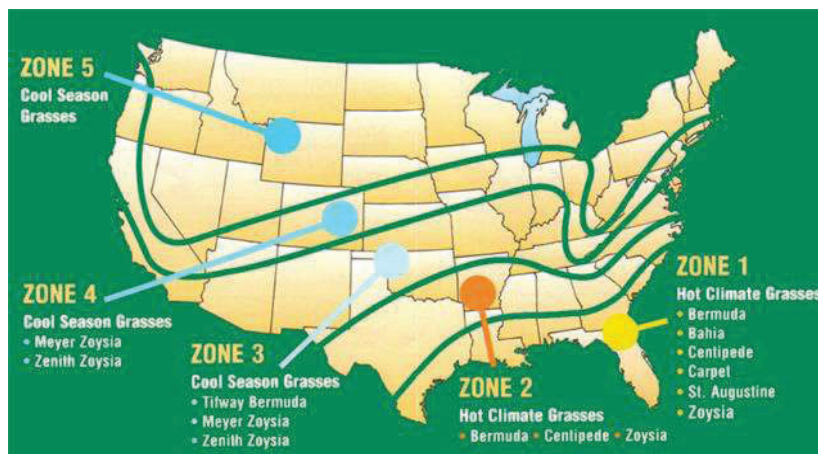
FALL APPLICATION FOR SPRING WEED CONTROL IN COOL SEASON TURF			
Weed Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Crabgrass, Goosegrass and Other annual weeds as listed	300 to 400 lbs per acre*	4.6 to 9.2 lbs per 1,000 sq. ft	For us in Bluegrass, Bentgrass, perennial Ryegrass and Tall Fescue. Make application in the fall after turf has become dormant. For late fall applications, seeding into treated areas should be delayed until 4 months after greenup.

***NOTE: Apply higher rates where high weed infestation is expected. Apply lower rates where lower weed infestation is expected.**

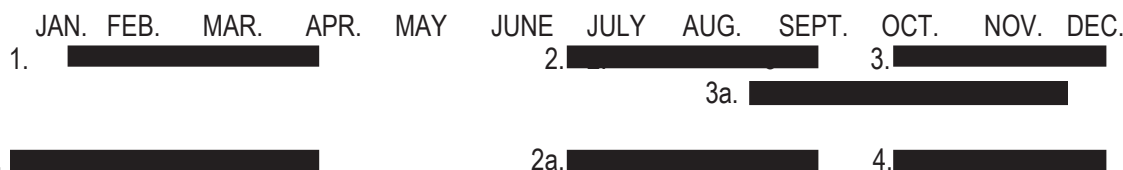
ANNUAL BLUEGRASS CONTROL IN BERMUDAGRASS FAIRWAYS (OVERSEEDED WITH PERENNIAL RYEGRASS ONLY)			
Weed Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Annual Bluegrass (<i>Poa annua</i> spp.)	200 lbs per acre	4.6 lbs per 1,000 sq. ft	<p>Apply in late summer to early fall prior to <i>Poa annua</i> spp. Seed germination. Any <i>Poa annua</i> spp. Established when this product is applied will not be controlled. Product should not be applied less than Four (4) months to over seeding. Do not use where <i>Poa trivialis</i> is present in the overseed mixture.</p> <p>Apply the full 2 lb a. i. rate of Oxadiazon and 0.44lb a.i. of Proflam in one application.</p> <p>NOTE: In many areas annual bluegrass exists as at least two (2) biotypes or subspecies of <i>Poa annua</i>. The true annual biotype, "<i>Poa annua</i> spp <i>annua</i>:" which germinates from seed every year is controlled while the biotype "<i>Poa annua</i> spp <i>raptans</i>" which behaves like a perennial and survives though summer, as an established plant , cannot be controlled. Consult the extension service or University weed specialist in your area for more information concerning your locale.</p>

ANNUAL WEED CONTROL DURING ESTABLISHMENT FROM "SPRIGS" OF BERMUDAGRASS, ZOYIAGRASS, AND SEASHORE PASPALUM			
Weed Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Crabgrass, Goosegrass, Annual Sedge and other Annual weeds	200 lbs to 300 per acre*	4.6 lbs to 6.88 lbs per 1,000 sq. ft	<p>Refer to Map of U.s. on this label. For Bermudagrass make application immediately prior to, or, immediately after sprigging. For Seashore Paspalum and Zoysia make application 10 to 14 days after sprigging.</p> <p>Application made close to time of sprigging may cause unacceptable injury. Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness. For best results, irrigate the sprigged areas by sprinkler irrigation with up to ¼ inch of water after the application.</p>

***NOTE: Apply higher rates where high weed infestation is expected. Apply lower rates where lower weed infestation is expected.**



WHEN TO APPLY
Appropriate Time To Apply For Pre-Emergent Herbicide



1. For CRABGRASS and other Grasses and Broadleaf Weeds germinating in the spring in Northern Cool Season turf. (Zones: 3,4 and 5)
2. For GOOSEGRASS and other Late Germinating Annual Grasses and Broadleaf Weeds, such as PROSTRATE SPURGE.
 2a. GOOSEGRASS in Southern Turf. (Zones: 1 and 2)
3. For POA ANNUA in Northern Turf.
 3a. For POA ANNUA in Southern Turf. (Zones 1 and 2)
4. For Fall-Winter-Spring control of ANNUAL WEEDS in Southern Turf. (Zones 1 and 2)

Woody Ornamental Shrubs, Vines and Tree:

PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER has been found to be effective for weed control in nurseries and plantings of those woody ornamental shrubs, vines and trees listed on this label. For best weed control in established plants, application of PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER needs to be made prior to weed germination. Product can be applied to both newly transplanted and established ornamentals. Delay application to newly transplanted plants until soil has settled around the plant. PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER can be made to both actively growing and dormant ornamentals. NOTE: Do not apply in Greenhouses. Do Not apply to wet foliage or under conditions in which the granules will collect on leaves.

PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER should be applied at the rate of 4.6lbs per 1,000 sq. ft. (200 lbs per acre) before susceptible weed seed germination with a suitable spreader, which will deliver an accurate even particle distribution. Do not apply product granules to wet foliage as this can result in a phototoxic response from the plant. Application need to be made to weed free surfaces.

Container and Field Grown Ornamentals:

Scientific Name:

- Acacia spp.*
- Acer palamatum*
- Barberis gladwynesis*
- Betula papayfrifera*

Common Name:

- Acacia
- Japanese Maple
- Barberry
- Birch,Paper

<i>Buxus microphylla</i>	Japanese Boxwood
<i>Callistemon viminalis</i>	Weeping Bottlebush
<i>Camellia japonica</i>	Camellia, Common, Japanese
<i>Chamaecyparis pisifera</i>	False Cypress
<i>Cornus florida</i>	Flowering Dogwood
<i>Cortaderia selloana</i>	Pampas Grass
<i>Cotoneaster spp.</i>	Cotoneaster
<i>Cupressus spp.</i>	Cypress
* <i>Euonymus fortunei</i>	Wintercreeper
<i>Forsythia intermedia</i>	Border Forsythia
<i>Gardenia jasminoides</i>	Gardina, Cape-Jasmine
* <i>Ilex spp.</i>	Holly
<i>Jasminium nudiflorum</i>	Winter Jasmine
<i>Juniperus chinensis</i>	Chinese Juniper
<i>Ligustrum amurense</i>	Amur Privet
<i>Lonicera japonica</i>	Japanese Honeysuckle
<i>Magnolia spp.</i>	Magnolia species
<i>Nerium spp.</i>	Oleander
<i>Pachysandra terminalis</i>	Pachysandra
<i>Photinia fraseri</i>	Frasier's Photinia(Redtip)
<i>Picea abies</i>	Norway Spruce
<i>Pieris japonica</i>	Lily-of-the-Valley shrub
<i>Pinus spp.</i>	Pine
<i>Pittosporum rhombifolium</i>	Queensland Pittosporum
<i>P. tobira</i>	Japanese Pittosporum
<i>Pyrunus laurocerasus</i>	English Laurel
<i>Pyracantha coccinea</i>	Firehorn, Scarlet
<i>Quercus spp.</i>	Oak species
<i>Raphiolepis indica</i>	Indian Hawthorne
<i>Rhododendron spp.(including azaleas)</i>	Formosa
<i>Santolina virens</i>	
<i>Taxus cuspidata</i>	Japanese Yew
<i>T. media</i>	Yew
<i>Thuja occidentalis</i>	American Arborvitae
<i>Viburnum japonica</i>	Japanese Viburnum
<i>Vinca major</i>	vinca
<i>Vinca minor</i>	Dwarf Periwinkle
<i>Weigela florida</i>	Old Fashioned Weigela
<i>Xylosma congestum</i>	Xylosma

*Certain cultivars of these species may be more sensitive to this herbicide. Growers should evaluate usage of PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER on a small scale for determination of phytotoxicity before applying on large scale basis.

Susceptible Weeds are listed as follows:

Annual Bluegrass	**Jungle Ricegrass
Annual Sedge	Lambsquarter
*Barnyardgrass	**Liverwort
Bitterrecess	Oxalis
Carpergrass	**Panama Paspalum
Carpetweed	Pennsylvania Smartweed
Common Groundsel	Redroot Pigweed
Common Purslane	Sensitive plant
Crabgrass	Shepardspurse
*Evening Primrose	Sow thistle
Fall Panicum	Speedwell-veronica
Field Sandbur	Spotted Catsear
Fireweed	Spurge; Garden. Petty

Florida Pusley
 Foxtail; Green, Bristly
 *Gallinsoga
 Golden Ragwort
 *Goosegrass

**Prostrate
 Stinging Nettle
 *Swinecress
 Virginia Buttonweed
 Yellow Woodsorrel

*For the weeds with 1 asterisk above, use 6.88 to 9.2 lbs. per 1,000 sq. ft. (equal to 300 to 400) lbs of this product per acre.

For the difficult-to-control weeds with 2 asterisks above, use the 9.2 lbs per 1,000 sq. ft (equal to 400 lbs of **PRO-MATE® RONSTAR 1.0% PLUS BARRICADE .22% WITH FERTILIZER per acre.

Note: For newly seeded lawns do not apply this product until after the second cutting. For best turf management, plant new grass seed in the fall of the year. Spring pre-emergence weed control can then be applied.

SPREADER SETTINGS for Rates Per 1,000 sq. ft.

SPREADER SETTINGS FOR POUNDS OF ACTIVE INGREDIENT PER ACRE: The following spreader settings are for new equipment. Used, or heavily worn equipment may require adjustments. For proper setting calibration refer to the spreader manufacturer's Maintenance Manual. Do not apply this product until equipment is properly calibrated to accurately apply the desired pounds of product per acre, as recommended on this label.

SPREADER SETTINGS: Apply at the listed pounds of active ingredient per 1,000 square feet			
Adjust spreader settings prior to application of product. Read and follow all use directions before applying any product.			
Spreader Type	For 2 lbs. ai/acre	For 3 lbs. ai/acre	For 4 lbs. ai/acre
Earthway Rotary	10	11	12
Ezee-Flow	--	C1	C1
Lesco	D	E	G
Lesco	14	15	16
Scotts SR2000	G	H	J
Earthway Rotary	12	14	15
Ezee-Flow	C1	C2	C2½
Lesco	D	H	I
Lesco	10	15	16
Scotts SR2000	I	J	K
Pro-Scape®/Prizelawn Bigfoot BF-1/SS	J	L	N
Pennmulch®/Prizelawn HVO	J	L	N
Cyclone	4	4½	5
Earthway Rotary	14	15	16
Ezee-Flow	C2	C2½	C3
SPREADER SETTINGS: Apply at the listed pounds of active ingredient per 1,000 square feet			
Adjust spreader settings prior to application of product. Read and follow all use directions before applying any product.			
Spreader Type	For 2 lbs. ai/acre	For 3 lbs. ai/acre	For 4 lbs. ai/acre
Gandy	24	26	28
Jet-Spred II	4	4½	5
Jet-Spred III	4½	5	5½
Lely HR, 1250, 1500, 2010	4 II	5 II	6 II
Lely W	4 II	5 II	6 II
Lesco (Letters)	G	I	J
Lesco (Numbers)	15	17	21
Ortho Rotary	3	4½	5½
Prizelawn CBR III	J	L	N
Prizelawn CBR II	4	4½	5½
Prizelawn LF-1	2½	3½	4
Prizelawn MPR I	2½	3½	4
Republic Rotary	3	4½	5½
Scotts RX7	E	G	I
Scotts Accupro 2000, SR-2000	H	K	M
Scotts R8A/SR-1	K	L	M
Scotts AP	K	L	M
Scotts SR2000	K	L	M
Spyker	4	4½	4¾
Vicon	22	24	26

**CONDITIONS OF SALE - LIMITED WARRANTY
AND LIMITATIONS OF LIABILITY AND REMEDIES**

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Helena Agri-Enterprises, LLC. All such risks shall be assumed by the user or buyer.

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To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Agri-Enterprises, LLC's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Helena Agri-Enterprises, LLC's election, the replacement of product.

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