

5905-543

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

SEP - 2 2010

Helena Chemical Company
c/o Cheryl Wagner
Wagner Regulatory Associates, Inc.
P.O. Box 640
Hockessin, DE 19707

Subject: Notification: Revised Container Disposal Instructions per PR Notices 2001-6, 2007-1, and 2007-4
Pro-Mate Barricade 0.22%% Plus Fertilizer
EPA Reg. No. 5905-543
Your Re-Submission, Dated August 20, 2010

Dear Ms. Wagner:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4, 2007-1 and 2001-6 for the subject product.

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4, 2007-1 and 2001-6 and finds that the label changes requested fall within the scope of the PR Notices. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at (703) 305-1243 or Susan Stanton of my staff at (703) 305-5218.

Sincerely,

A handwritten signature in cursive script that reads "Susan L. Stanton, for".

Kathryn Montague, Product Manager 23
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Program

2/10

<p>United States Environmental Protection Agency Washington, DC 20460</p>	<input checked="" type="checkbox"/>	Registration	OPP Identifier Number
	<input type="checkbox"/>	Amendment	
	<input type="checkbox"/>	Other	

Application for Pesticide - Section I

<p>1. Company/Product Number 5905-543</p>	<p>2. EPA Product Manager K. Montague</p>	<p>3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted</p>
<p>4. Company/Product (Name) Pro-Mate Barricade 0.22% Plus Fertilizer</p>	<p>PM# 23</p>	
<p>5. Name and Address of Applicant (Include Zip Code) Helena Chemical Company c/o Wagner Regulatory Associates, Inc. P.O. Box 640 Hockessin, DE 19707 <input type="checkbox"/> Check if this is a new address</p>	<p>6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. Product Name SEP 02 2010</p>	

Section - II

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

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
 Notification of label change per PR Notices 2007-4, 2007-1, and 2001-6. This notification is consistent with the provisions of PR Notices 2007-4, 2007-1 and 2001-6 and EPA Regulations at 40 CFR 156.10, 152.46, 154.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notices 2007-4, 2007-1, and 2001-6 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:			
<p>Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No</p>	<p>Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) HDPE lined bags</p>
<p>* Certification must be submitted</p>		<p>If "Yes" No. per If "Yes" No. per Unit Packaging wgt. container Package wgt container</p>	
<p>3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container</p>		<p>4. Size(s) Retail Container 50 lb. bag</p>	<p>5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product</p>
<p>6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other ___ adhesive backed label ___ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled</p>			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Cheryl Wagner	Title Agent for Helena Chemical Company	Telephone No. (Include Area Code) (302) 234 8551
<p>Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>		<p>6. Date Application Received (Stamped)</p>
<p>2. Signature </p>	<p>3. Title Agent for Helena Chemical Company</p>	
<p>4. Typed Name Cheryl Wagner</p>	<p>5. Date August 20, 2010</p>	

August 20, 2010



Wagner Regulatory Associates, Inc.
P.O. Box 640
7460 Lancaster Pike, Suite 9
Hockessin, Delaware 19707

Document Processing Desk (NOTIF)
ATTN: Ms. Kathryn Montague, PM 23
Registration Division (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, Virginia 22202-4501

Dear Ms. Montague:

Re: Pro-Mate Barricade 0.22% Plus Fertilizer
EPA Registration Number 5905-543
Notice of Revised Storage & Disposal Label Language

Wagner Regulatory Associates, Inc., on behalf of Helena Chemical Company, hereby notifies the Agency that the storage and disposal section of the subject label as been revised in accordance with PR Notices 2007-4, 2007-1, and 2001-6. Enclosed for the Agency's file is:

- Letter from Helena Chemical Company authorizing Wagner Regulatory to serve as Agent
- EPA Notification form (EPA Form 8570-1)
- One copy of revised labeling

Please feel free to contact me at (302) 234-8551 if you have any questions or require additional information.

Respectfully submitted,

A handwritten signature in cursive script that reads "Cheryl Wagner".

Cheryl Wagner
Agent for Helena Chemical Company

SEP 02 2010

SPECIMEN LABEL

PRO-MATE® BARRICADE® 0.22% PLUS FERTILIZER

ACTIVE INGREDIENT:

Prodiamine¹0.22%

OTHER INGREDIENTS:.....99.78%

TOTAL:.....100.00%

¹ CAS No. 29091-21-2

For preemergence control of grass and broadleaf weeds in:

- established turf grasses (excluding golf course putting greens) and lawns

EPA Reg. No. 5905-543

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

SN 0306/0408

NET CONTENTS: 50 Lbs. (22.68 kg)

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See the following sections, **Precautionary Statements, Hazards to Humans and Domestic Animals**, for additional information.

MANUFACTURED FOR

HELENA CHEMICAL COMPANY

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE TENNESSEE 38017

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact while handling the material may cause allergic reactions in some individuals.

FIRST AID

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse immediately with plenty of water for 15-20 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 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor immediately for treatment advice.

IF INHALED:

- Move victim 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 immediately for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency call ChemTrec at 800-424-9300.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. 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 waters.

If material is spilled: Contain and sweep up material of spill for disposal or use per label instructions. Wash cleanup equipment to prevent contamination elsewhere. Excess quantities above normal application rates could result in damage to plants subject to spill. Water-in remainder, disc under, cover with layer of soil, or leave exposed to sunlight, as deemed appropriate to the situation.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in original container away from other fertilizer, feed, or food stuffs and separated from other pesticides.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown or for sale or other commercial use as sod, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in parks, golf courses or lawns and grounds.

This product is a preemergence herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses (excluding golf course putting greens) and lawns.

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

Disclaimer: Always refer to the label on the product before using Helena or any other product.
18June2010 revised storage & disposal

SPECIMEN LABEL

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

APPLICATION DIRECTIONS

This product must be applied prior to crabgrass seed germination and prior to the germination of seed of the other weeds listed on this label. Apply uniformly with suitable, calibrated application equipment.

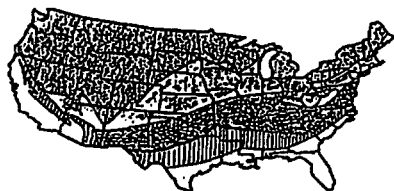
ESTABLISHED TURF

This product is a preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the Maximum Annual Rates section of this label.

Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation prior to weed seed germination and not later than 14 days following application. See the map below for approximate crabgrass seed germination dates.

Crabgrass Seed Germination Dates

Approximate Date



- After May 30
- After May 10
- After April 20
- After March 20
- January 1 to March 20

Use Precautions: The following precautions apply to the use of this product in turf grasses and lawns:

- (1) Do not graze or feed livestock forage cut from areas treated with this product.
- (2) Do not use on food producing plants.
- (3) Do not apply this product through any type of irrigation system.

- (4) Do not apply aerially.
- (5) Do not apply to golf course putting greens.
- (6) Application of this product may thin emerged annual bluegrass and newly overseeded grasses.
- (7) Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer.
Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.
- (8) Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year.
- (9) Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury.
- (10) Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.
- (11) Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass, or annual bluegrass (*Poa annua*) are desirable species.

RATES OF APPLICATION

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds. Do not exceed the Maximum Annual Rate for each turf species per calendar year (See Table 1).

Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

MAXIMUM ANNUAL RATES FOR EACH TURF SPECIES

This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

TABLE 1. - MAXIMUM ANNUAL RATES FOR EACH TURF SPECIES¹

Turf Species	Lbs. Product/A	Lbs./1000 ft ²
Bermudagrass ² , Bahia grass, Centipedegrass, Seashore Paspalum, St. Augustine grass, Tall Fescue (including turf-type) Zoysia	682	15.66
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	455	10.44
Creeping Red Fescue	340	7.80

¹**Disclaimer:** Always refer to the label on the product before using Helena or any other product.
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Creeping Bentgrass

296

6.79

¹These are the maximum rates per calendar year by turf species.

²May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 237 lbs./A. Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass, and Rescuegrass due to reduced product rates used in sprigging situations.

- Do not apply more than 682 lbs./A (1.5 lb. A/A) of this product per calendar year.
- Use higher rates of this product to achieve longer periods of weed control for each turf type, but do not exceed the maximum application rates specified in Table 1 - Maximum Annual Rates for Each Turf Species.

WEEDS CONTROLLED

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

Barnyardgrass	Kochia
Bluegrass, Annual (Poa annua)	Lambsquarter, Common
Carpetweed	Lovegrass
Chickweed, Common	Panicum (Texas, Fall, Browntop)
Chickweed, Mouseear (from seed)	Pigweed
Crabgrass (Large, Smooth)	Purslane, Common
Crowfootgrass	Pusley, Florida
Cupgrass, Woolly	Rescuegrass ³
Foxtails, Annual	Shepherd's Purse ²
Goosegrass ¹	Signalgrass, Broadleaf
Henbit	Speedwell, Persian
Itchgrass	Sprangletop
Johnsongrass (from seed)	Spurge, Prostrate
Junglerice	Witchgrass
Knotweed	Woodsorrel, Yellow (from seed)

species listed in Table 1 - Maximum Annual Rates for Each Turf Species 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 rates recommended for turf species being treated. All applications must be made prior to germination of the weed seeds.

WHEN TO APPLY AFTER OVERSEEDING TURF

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

WHEN TO OVERSEED AFTER APPLICATION

This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the table below for best overseeding/reseeding results.

¹In many areas a single application of 346-680 lbs./A of this product 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 346-455 lbs./A followed after 60-90 days by a second application at doses that would not exceed those given in Table 1 - Maximum Annual Rates for each turf species. Do not exceed the maximum rate for turf grass

Table 2. - Months After Application Before Overseeding

Rate (lbs./A)	North	Transition	South
227	4	4	4
298	5	4	4
340	6	5	5
364	--	6	6
455	--	7	7
518	--	--	9
591	--	--	10
682	--	--	12

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 should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or

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SPECIMEN LABEL

seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by 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 Chemical Company'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

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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