Form Approved. OMB No. 2070-0060, Approval expires 2-28e read instructions on reverse before completing form. **OPP Identifier Number** Registration United States **Environmental Protection Agency Amendment** Washington, DC 20460 Other Application for Pesticide - Section I 1. Company/Product Number 2. EPA Product Manager 3. Proposed Classification 5905-536 None Restricted 4. Company/Product (Name)
Pro-Mate Barricade 0.435% Plus Fertilizer PM# 23 5. Name and Address of Applicant (Include ZIP Code) 6. Expedited Reveiw. In accordance with FIFRA Section 3(c)(3) Helena Chemical Company (b)(i), my product is similar or identical in composition and labeling 225 Schilling Boulevard, Suite 300 EPA Reg. No. Collierville, Tennessee 38017 Check if this is a new address **Product Name** NOTIFICATION Section - II NOV 1 3 2006 Amendment - Explain below. Final printed labels in repsonse to Agency letter dated Resubmission in response to Agency letter dated "Me Too" Application. Other - Explain below. Notification - Explain below. Explanation: Use additional page(s) if necessary, (For section I and Section II.) "Addition of Alternate Brand Name" Promate Prodiamine 0.435% Plus Fertilizer Notification of Other Revisions per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and 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 Notice 98-10 and 40 CFR 152.46, 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: 2. Type of Container Child-Resistant Packaging Unit Packaging Water Soluble Packaging Matal Yes Yes Yes Plastic No No Glass Paper If "Yes" No. per If "Yes" No. per \* Certification must Unit Packaging wgt. container Package wgt container Other (Specify) be submitted 3. Location of Net Contents Information 4. Size(s) Retail Container 5. Location of Label Directions On Label Label Container 6. Manner in Which Label is Affixed to Product Lithograph Paper glued Stenciled C-IE A dla anima Section - IV 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Telephone No. (include Area Code) Scott A. Pace Manager: Product Registration Department (961) 752-4410 6. Date Application Certification **Heceived** I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowlinglly false or misleading statement may be punishable by fine or imprisonment or (Stamped) both under applicable law. 2. Signature Manager: Product Registration Dept. 5 Date 4. Typed Name Scott A .Pace 10/18/2006



### HELENA CHEMICAL COMPANY

225 Schilling Blvd., Suite 300 Collierville, Tennessee 38017 Telephone: 901-761-0050

Ocober 18, 2006

**Document Processing Desk (NOTIF)** Office of Pesticide Programs (7504P) U. S. Environmental Protection Agency One Potomac Yard 2777 S. Crystal Drive Room S-4900 Arlington, VA 22202

RE:

Promate Barricade 0.435% Plus Fertilizer

EPA Reg. No.5905-536 **Alternate Brand Name** 

Dear Ms. Miller:

This letter is designed to submit to you via Notification as outlined in PR Notice 98-10. Helena Chemical Company's alternate brand name "Pro-Mate Prodiamine .435% Plus Fertilizer", for the product Promate Barricade 0.435% Plus Fertilizer. Appropriate certification is attached hereto.

In support of this action, I have enclosed the following

**Application for Registration** EPA Form 8570-1 2 copies of Draft Labeling Bearing the Alternate Brand Name

If there are any questions about this submission, please contact me at 901-752-4410. Thank you for your attention to and assistance with this matter.

Sincerely,

Manager: Product Registration Dept.

/Enclosures

### SPECIMEN LABEL

NOV 1 3 2006

# PRO-MATE® PRODIAMINE 0.435% PLUS FERTILIZER

# **ACTIVE INGREDIENT:**

1 [CAS No. 29091-21-2]

For selective preemergence control of grass and broadleaf weeds in:

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

EPA Reg. No. 5905-536

EPA Est. No.

# 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
   minutes, then continue rinsing eye.
- Call a poison control center or doctor immediately for 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.

## **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.

### 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

Paper and plastic bags: Completely empty bag into application equipment. Then 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.

#### **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 plants being grown (1) for sale or other commercial use (2) for commercial seed production, or (3) 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 selective 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.

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**

Apply uniformly with suitable, calibrated application equipment.

### **Established Turf**

This product is a selective 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 within 14 days following application. See the map below for approximate crabgrass seed germination dates.

Crabgrass Seed Germination Dates Approximate Date



**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.

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**

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:

Maximum Application Turf Species	on Rate of This Pro Lbs. Product/A	duct/Calendar Year by 1 Lbs./1000 ft²	Fur Grass Species
Bermudagrass <sup>2</sup> , Bahiagrass,	345 -	7.92	
Centipedegrass,			יינו ווו
Seashore Paspalum,			
St. Augustinegrass,			, , , ,
Tall Fescue (including	turf-type)		, , , , ,
Zoysia			,,,,,
Buffalograss,	230	5.28	
Kentucky Bluegrass,	•	•	
Perennial Ryegrass			
Creeping Red Fescus	172	3.96	
Creening Bentarass	150	· 3.46	

<sup>&</sup>lt;sup>1</sup>These are the maximum rates per calendar year by species limitations.

<sup>2</sup>May be used on newly sprigged or plugged
Bermudagrass at rates not to exceed 120 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 345 lbs./A (1.5 lb. Al/A) of this product per calendar year.

 Use higher rates of this product to achieve higher levels of weed control for each turf type, but do not exceed the maximum application rates specified in the Maximum Annual Rates Table.

### **Weeds Controlled**

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

Barnyardgrass

Kochia

Bluegrass, Annual

Lambsquarter, Common

(Poa annua)

Lovegrass

Carpetweed

Panicum (Texas, Fall, Browntop)

Chickweed,

Pigweed

Common

Purslane, Common

Chickweed,

Pusley, Florida

Mouseear (from

Rescuegrass<sup>3</sup>

seed)

Shepherd's Purse<sup>2</sup>

Crabgrass (Large,

Signalgrass, Broadleaf

Smooth)

Speedwell, Persian

Crowfootgrass

Sprangletop

Cupgrass, Woolly

Spurge, Prostrate

Foxtails, Annual

Witchgrass

Goosegrass1

Woodsorrel, Yellow (from seed)

Henbit

Itchgrass

Johnsongrass (from seed) Junglerice Knotweed

1 in many areas a single application of 175-345 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 175-230 lbs\_/A followed after 60-90 days by a second application at doses that would not exceed those given in the Maximum Annual Rates Table. Do not exceed the maximum rate for turf grass species listed in the Maximum Annual Rates Table above.

<sup>2</sup>Applications for this weed should be made in late summer, fall, or winter prior to germination.
<sup>3</sup>Suppression 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 each turf species. 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.

This Product Rate (lbs./A)	Months Before Overseeding		
	North	Transition	South
115	4	4	4
151	5	4	4
172	6	5	5
184		6	6
230		7	7
262			9
299			10
345			12

### SPECIMEN LABEL

# PRO-MATE® PRODIAMINE 0.435% PLUS FERTILIZER

### **ACTIVE INGREDIENT:**

TOTAL:.....100.000%

<sup>1</sup> [CAS No. 29091-21-2]

For selective preemergence control of grass and broadleaf weeds in:

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

EPA Reg. No. 5905-536

EPA Est. No.

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

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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 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.
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### STORAGE AND DISPOSAL

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

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# **Crabgrass Seed Germination Dates Approximate Date**



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

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Cupgrass, Woolly

Spurge, Prostrate

Foxtails, Annual

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Goosegrass<sup>1</sup>

Woodsorrel, Yellow (from seed)

Henbit

**Itchgrass** 

Johnsongrass (from seed) Junglerice **«Knotweed** 

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184		6	6
230		7	7
262			9
299			10
345		<b>-</b> -	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 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:

- Refund of the purchase price paid by buyer or user for product bought, or
- 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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