



002217-00743-103098

Printed: 10:31:22 Friday, 28 May, 1999 # 24 / 3144

Systems Integration Group, Inc.



United States
Environmental Protection Agency
 Washington, DC 20460

- Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

| | | |
|--|--|--|
| 1. Company/Product Number 2217-743 | 2. EPA Product Manager Joanne I. Miller | 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) Trimec® M 891 Weed & Feed For Sensitive Grasses | PM# (PM 23) | |
| 5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation PO Box 014090 Kansas City, Missouri 64101 <input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____ | |

Section - II

NOTIFICATION

- Amendment - Explain below.
 Resubmission in response to Agency letter dated _____
 Notification - Explain below.
 Final printed labels in response to Agency letter dated _____
 "Me Too" Application.
 Other - Explain below.

OCT 30 1998

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION of Minor revisions to Directions for Use per PR Notice 95-2: 1)The Fertilizer Regulation Act in Washington became effective on June 11, 1998. Fertilizer products sold and distributed in Washington during 1999 must bear the required text as defined in the Fertilizer Regulation Act. We ask to add the required statements to comply with provisions of the Fertilizer Regulation Act and the requirements of the Department of Agriculture in Washington. Please refer to page 4 of the enclosed labeling. This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40CFR 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 the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 12 and 14 of FIFRA.

Section - III

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

Section - IV

| | | |
|---|---|---|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name Craig Martens | Title Manager of Regulatory Services | Telephone No. (Include Area Code) 816/460-6287 |
| 2. Signature | | 6. Date Application Received (Stamped) |
| 3. Title Manager of Regulatory Services | | |
| 4. Typed Name Craig Martens | | |
| 5. Date October 19, 1998 | | |

OCT 30 1998

TRIMEC[®] M 891 WEED & FEED FOR SENSITIVE GRASSES 27-3-6

Lawns of St. Augustinegrass, Centipedegrass, Bahiagrass, Bermudagrass, Kentucky Bluegrass, Fescue *spp.*, Perennial Ryegrass, Zoysiagrass, and Bentgrass May Be Treated.

ACTIVE INGREDIENTS:

| | |
|---|-----------------|
| Dimethylamine salt of 2-(2-methyl-4-chlorophenoxy)propionic acid..... | 0.642% |
| Dimethylamine salt of 2-methyl-4-chlorophenoxyacetic acid..... | 0.353% |
| Dimethylamine salt of Dicamba: 3,6-dichloro-o-anisic acid..... | 0.071% |
| INERT INGREDIENTS..... | 98.934% |
| TOTAL | 100.000% |

THIS PRODUCT CONTAINS:

- 10.62 lbs. or 0.531% 2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per ton.
 - 5.76 lbs. or 0.288% 2-methyl-4-chlorophenoxyacetic acid equivalent per ton.
 - 1.18 lbs. or 0.059% 3,6-dichloro-o-anisic acid equivalent per ton.
- TRIMEC[®] is a registered trademark of PBI/GORDON CORPORATION.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Statement of Practical Treatment

- IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.
- IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.
- IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

See back panel for additional Precautionary Statements.

NET WEIGHT (15, 16, 17, 18, OR 20) POUNDS

AP101998
EPA REG NO 2217-743
EPA EST NO 2217-KS-1
MANUFACTURED BY





READ THE ENTIRE LABEL FIRST. OBSERVE ALL CAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes eye irritation. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wear long pants, long-sleeved shirt and shoes when applying this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS:

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater or rinsate. Do not apply when weather conditions favor drift from target area.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not reenter or permit others to reenter treated area until dusts have settled.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE & DISPOSAL

STORAGE: Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals. Do not store near food or feedstuffs. To prevent cross-contamination, do not store near other fertilizers, or near herbicides, insecticides, fungicides, or seeds.

PESTICIDE DISPOSAL: Securely wrap bag in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse bag. Discard bag in trash.

INSTRUCTIONS:

Trimec® M891 Weed and Feed for Sensitive Grasses controls a wide range of lawn weeds, including dandelion, chickweed, knotweed, plantain, henbit, spurge and many others commonly found in home lawns. In addition, a 27-3-6 fertilizer provides a ~~balanced~~ supply of plant nutrients. Possible retreatment may be necessary if (a) lawn is heavily overrun by weeds, or, (b) if adverse low moisture conditions prevail and weeds are in a state of poor growth. A second application may be made in approximately 30 days. Treated areas may be seeded 3 to 4 weeks after application. Do not use on dichondra. Do not over apply. Under conditions of adequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration on St. Augustinegrass.

HOW MUCH TO APPLY:

Apply 3.0 to 4.0 pounds of this product (Trimec® M 891 Weed & Feed) per 1,000 square feet of established turfgrass. One application with this "X" pound bag will cover (treat) "X" to "X" square feet of turfgrass.

Note to supplemental registrants: Refer to the rate table for the appropriate bag sizes and the area to be treated. Select the proper bag size and present only the information for that bag size on your product label.

| Bag Size, Pounds | Desired Rate per 1,000 Sq.Ft., Pounds | Treated Area for this Bag Size, Sq.Ft. |
|------------------|---------------------------------------|--|
| 15 | 3.0 | 5,000 |
| | 3.25 | 4,615 |
| | 3.33 | 4,505 |
| | 3.64 | 4,121 |
| | 4.0 | 3,750 |
| 16 | 3.0 | 5,333 |
| | 3.25 | 4,923 |
| | 3.33 | 4,805 |
| | 3.64 | 4,396 |
| | 4.0 | 4,000 |
| 17 | 3.0 | 5,667 |
| | 3.25 | 5,231 |
| | 3.33 | 5,105 |
| | 3.64 | 4,670 |
| | 4.0 | 4,250 |
| 18 | 3.0 | 6,000 |
| | 3.25 | 5,538 |
| | 3.33 | 5,405 |
| | 3.64 | 4,945 |
| | 4.0 | 4,500 |
| 20 | 3.0 | 6,667 |
| | 3.25 | 6,154 |
| | 3.33 | 6,006 |
| | 3.64 | 5,495 |
| | 4.0 | 5,000 |

1. Mow lawn to normal height 1 to 2 days before application.
2. Water lawn thoroughly at least 1 day before application to sustain moisture until next watering (see step 4).
3. Apply when weeds are young and actively growing, preferably in the morning when dew is on the grass. If grass is not moist at time of application, sprinkle lightly with water to hold the material and prevent dust drift onto nontarget plants.
4. Do not wash from weed leaves for 1 to 2 days after application. At this time a thorough watering should be made.

Drop spreaders, rotary spreaders and other granular equipment should be calibrated for uniform applications. Calibrate (Check) the equipment by applying the product over a measured area and adjust the spreader settings according to these instructions.

- ◆ For 3.0 pounds of product per 1,000 sq.ft.: Check your spreader on 333 sq.ft. and adjust to apply 1.0 pound of product per 333 sq.ft.
- ◆ For 3.25 pounds of product per 1,000 sq.ft.: Check your spreader on 310 sq.ft. and adjust to apply 1.0 pound of product per 310 sq.ft.
- ◆ For 3.33 pounds of product per 1,000 sq.ft.: Check your spreader on 300 sq.ft. and adjust to apply 1.0 pound of product per 300 sq.ft.
- ◆ For 3.64 pounds of product per 1,000 sq.ft.: Check your spreader on 275 sq.ft. and adjust to apply 1.0 pound of product per 275 sq.ft.
- ◆ For 4.0 pounds of product per 1,000 sq.ft.: Check your spreader on 250 sq.ft. and adjust to apply 1.0 pound of product per 250 sq.ft.

Note to supplemental registrants: Recommended settings for drop spreaders, rotary spreaders, and other granular equipment may be presented on the container labels. Also, spreader preferences and diagrams for uniform distributions would be acceptable.

USE PRECAUTIONS:

- ◆ Do not use this product where desirable clovers are present or allow the material to wind drift onto flowers, vegetables or ornamental shrubbery.
- ◆ Do not apply in areas underlaid by roots of desirable trees or shrubs.
- ◆ Apply when air is calm.
- ◆ Application of this product to newly seeded areas should be delayed until the third mowing.
- ◆ During application, close spreader openings when turning.
- ◆ Do not contaminate domestic or irrigation waters.

| 27-3-6 GUARANTEED ANALYSIS | |
|---|-----|
| Total Nitrogen (N)..... | 27% |
| Available Phosphate (P ₂ O ₅)..... | 3% |
| Soluble Potash (K ₂ O)..... | 6% |

Labeling Requirements:

- All fertilizer products distributed in Washington at a minimum, must have the following labeling statement: *This product has been registered with the Washington State Department of Agriculture. When applied as directed, this fertilizer meets the Washington standards for arsenic, cadmium, cobalt, mercury, molybdenum, lead, nickel, selenium, and zinc. You have the right to receive specific information about Washington standards from the distributor of this product.*
- After July 1, 1999, the label must also state: *Information received by the Washington State Department of Agriculture regarding the components in this product is available on the internet at <http://www.wa.gov/ag/>*

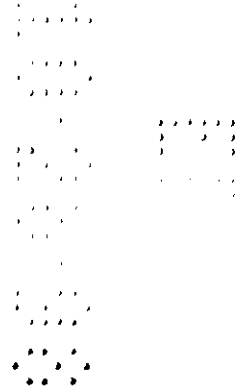
| WEEDS CONTROLLED: | | | |
|--------------------------|---------------|----------------|--------------|
| Bedstraw | Ground ivy | Peppergrass | Speedwell |
| Black medic | Healall | Pigweed | Spurge |
| Buckhorn | Henbit | Plantain | Thistle |
| Burdock | Knotweed | Poison ivy | Wild carrot |
| Chicory | Lambsquarters | Poison oak | Wild garlic |
| Chickweed | Lespedeza | Purslane | Wild lettuce |
| Clover | Mallow | Ragweed | Wild onion |
| Dandelion | Morningglory | Sheep sorrel | Yarrow |
| Dock | Oxalis | Shepherdspurse | |

LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.



APPENDIX

I. Advertising claims that may be presented on the retail packaging of supplemental registrants:

- ◆ (Fifteen, Sixteen, or Eighteen) Pounds Covers Up To 5,000 Square Feet.
- ◆ Twenty Pounds Covers Up To 5,500 Square Feet.
- ◆ Controls Dandelion, Chickweed, Knotweed, Plantain, Henbit, Spurge, and many other broadleaf weeds in St. Augustinegrass, Centipedegrass, Bahiagrass, Bermudagrass, Kentucky bluegrass, Fescue spp., Perennial Ryegrass, Zoysiagrass and Bentgrass lawns.
- ◆ "Patent Pending B.A.S.E.[™] System Biologically Active Soil Enrichment: Only Ringer[®] Supreme Lawn Fertilizers[™] use the 'Biologically Active Soil Enrichment[™]' System (patent pending) to give you truly exceptional turf. Because of activity of microorganisms in the soil is important in providing an optimal growing environment for grass, this unique new fertilizer is specially formulated with organic matter, plant nutrients and high energy sugars to promote maximum microbial activity. The results is a thick, green lawn that will be the envy of your neighborhood."

"Relative Number of Soil Microorganisms Per Gram of Soil:

| | |
|---|----|
| Ringer [®] Supreme Lawn Fertilizers [™] | 8x |
| Leading Brand | 1x |

Soil microorganism populations were found to be an average of 8 times higher when soil was treated with Ringer[®] Supreme Lawn Fertilizer[™] compared to the leading fertilizer brand (under laboratory conditions, in the top half inch of soil). These are the same organisms that convert organic matter into plant available nutrients for your lawn."

"Benefits of Microbial Activity: Researchers have long known that microbial activity is a key component in a vital soil ecosystem. This activity improves:

- Conversions of organic matter to plant nutrients.
- The soil's ability to retain moisture & infiltrate water to the root zone.
- The soil's ability to hold and release nutrients."

- ◆ Biologically released nitrogen.
- ◆ Thicker Greener Grass - FAST!
- ◆ Deep Root Development
- ◆ Promotes soil vitality.
- ◆ "(Patent Pending) B.A.S.E.[™] System Biologically Active Soil Enrichment works like no other lawn care product. Ringers[®] B.A.S.E.[™] System is unique. It works with naturally occurring soil microorganisms in your lawn to slowly release nitrogen promoting a vital root and soil system and thicker, greener grass.'
- ◆ Controls dandelion, chickweed, knotweed, plantain, henbit, and spurge.
- ◆ Use whenever weeds are growing.



II. Fertilizer grades, guaranteed analyses, and source of nutrients that are required for state registrations:

- ◆ Previously accepted grades: 24-6-12; 27-3-6; 16-2-6.
- ◆ For Illinois requirements:

| GUARANTEED ANALYSIS | |
|--|-----|
| Total Nitrogen (N)..... | 16% |
| *6.25% Ammoniacal Nitrogen | |
| *2.50% Water Insoluble Nitrogen* | |
| *7.25% Urea Nitrogen | |
| Available Phosphate(P ₂ O ₅)..... | 2% |
| Soluble Potash (K ₂ O)..... | 6% |
| *This product contains 2.50% slowly available nitrogen. Derived from: Ammonium sulfate, hydrolyzed poultry feather meal, urea, potassium sulfate, diammonium phosphate. | |

| Soil Amending Guaranteed Analysis | | | |
|-----------------------------------|--------|------------------------|--------|
| Active Ingredients: | | Inert Ingredients: | |
| Feather meal..... | 19.00% | Binding Materials..... | 3.75% |
| Sugar..... | 12.50% | Fertilizer..... | 59.25% |
| Wheat Middlings..... | 5.50% | | |

III. Referrals to other pesticides or nonpesticides used sequentially and the addition of calendars highlighting the application schedules.

- ◆ (Brand Name) 4-Pack Fertilizer Program:
 - Step 1. Apply Late Winter-Early Spring. (Brand Name) Prevents crabgrass, foxtail, *poa annua*, spurge and other annual grasses while feeding your lawn with long-lasting, deep-greening controlled-release nitrogen.
 - Step 2. Apply Mid-Late Spring. (Brand Name) Kills over 100 types of weeds, roots and all! Feeds with controlled-release nitrogen for longer lasting greening.
 - Step 3. Apply Late Spring-Summer. (Brand Name) Controls insects while greening your lawn with controlled-release nitrogen for dependable, predictable results!
 - Step 4. Apply Late Summer-Early Fall. (Brand Name) Provides extended greening throughout the summer months with controlled-release nitrogen for dependable, predictable results!

Step 5.

| START USING THE (BRAND NAME) 4-PACK PROGRAM TODAY | | | | | | | | | | | | |
|---|------|---|-------|---|---|---|---|---|-------|------|------|------|
| Most Common Turf Grasses | Jan. | Feb. | March | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| Northern Zone | | | | Step 1: Crabgrass Control plus fertilizer | | Step 3: Lawn Insect Control with fertilizer | Step 3: Lawn Insect Control with fertilizer | | | | | |
| | | | | Step 2: Weed & Feed | | | | Step 4: Lawn fertilizer | | | | |
| Transitional Zone | | | | Step 1: Crabgrass control plus fertilizer | | Step 3: Lawn Insect Control with fertilizer | Step 3: Lawn Insect Control with fertilizer | | | | | |
| | | | | Step 2: Weed & Feed | | | | Step 4: Lawn fertilizer | | | | |
| Southern Zone | | Step 1: Crabgrass Control plus fertilizer | | | Step 3: Lawn Insect Control with fertilizer | Step 3: Lawn Insect Control with fertilizer | Step 3: Lawn Insect Control with fertilizer | Step 3: Lawn Insect Control with fertilizer | | | | |
| | | | | Step 2: Weed & Feed | | | | Step 4: Lawn fertilizer | | | | |

- Northern Zone:** Bluegrasses, Ryegrasses, Bentgrasses, Fine Fescue, Tall Fescue
- Transitional Zone:** Bluegrasses, Ryegrasses, Fine Fescue, Tall Fescue, Bermudagrass, Zoysiagrass
- Southern Zone:** Bermudagrass, Zoysiagrass, Centipedegrass, Bahiagrass, St. Augustinegrass

