



United States
Environmental Protection Agency
 Washington, DC 20460

Registration	OPP Identifier Number 274801
Amendment	
<input checked="" type="checkbox"/> Other	

Application for Pesticide - Section I

1. Company/Product Number United Phosphorus, Inc./70506-39	2. EPA Product Manager J. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None Restricted
4. Company/Product (Name) United Phosphorus, Inc./Devrinol Lawn and Ornamental Selective herbicide	PM# 25	
5. Name and Address of Applicant (Include Zip Code) United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611 <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

<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.

JUL 15 2004

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
 Notification for to add additional ornamental species. 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. 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:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" No. per Unit Packaging wgt. container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" No. per Package wgt. container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
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* **Certification must be submitted**

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container

5. Location of Label Directions
 On Label
 On Labeling accompanying product

6. Manner in Which Label is Affixed to Product
 Lithograph Other _____
 Paper glued
 Stenciled

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Ann M. Tillman, Ph.D.	Title Technical Director	Telephone No. (Include Area Code) (609) 392-8200
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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.

2. Signature

3. Title
Technical Director

4. Typed Name
Dr. Ann M. Tillman

5. Date
July 1, 2004

6. Date Application Received

(Stamped)

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**NEW! READY TO USE
NON-YELLOW GRANULE**

**DEVIRINOL® LAWN AND ORNAMENTAL
Selective Herbicide
FOR HOMEOWNER USE**

This product prevents weeds in flower beds, rose gardens, ground covers, (including dichondra), potted and landscape ornamentals, fruit trees and established turfgrasses: (bahigrass, bermudagrass, centipedegrass, St. Augustinegrass and fescue).

Single application prevents both annual grass and broadleaf weeds. Prevents crabgrass, goosegrass and annual bluegrass germination.

Provides soil residual control. Covers up to: 1,000 sq. ft. (2 lb. 4 oz. Container)
5,000 sq. ft. (11 lb. 4 oz. Container)

ACTIVE INGREDIENT:

Napropamide [*N,N*-diethyl-2-(1-naphthalenyloxy)-propionamide].....2.0%

INERT INGREDIENTS: 98.0%

TOTAL..... 100.0%

Contains 2 Pounds of Active Ingredient per 100 Pounds

EPA Reg. No.: 70506-39
EPA Est. No.:

CAUTION

**SEE SIDE PANEL FOR FIRST AID
AND PRECAUTIONARY STATEMENTS**

United Phosphorus, Inc.
423 Riverview Plaza
Trenton, NJ 08611
1-800-347-1557 • www.upi-usa.com

NET WEIGHT/U.S. Standard Measure

NOTIFICATION

JUL 15 2004

FIRST AID

If Swallowed:	<ul style="list-style-type: none"> • 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 by a Poison Control Center or doctor.
If In Eyes:	<ul style="list-style-type: none"> • 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. • Call a Poison Control Center or doctor for treatment advice.
If On Skin:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

FOR EMERGENCY MEDICAL ASSISTANCE CALL THE NATIONAL PESTICIDE INFORMATION CENTER 1-800-858-7378.

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

MAY BE HARMFUL IF SWALLOWED. Do not breathe dust. Avoid contact with skin, eyes and clothing. Avoid contamination with food and feed.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

GENERAL PRECAUTIONS

- Read all instructions before using.

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- Use only for recommended purposes and at recommended rates.
- Do not overdose.

NOTICE TO BUYER: Buyer assumes all responsibility for safety and use not in accordance with directions.

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 for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses on lawns and grounds.

STORAGE AND DISPOSAL

Pesticide Storage: Store in original container out of the reach of children and pets. In case of leak or spill, contain material and dispose of as waste.

Pesticide Disposal: If empty: Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or [insert telephone number] for disposal instructions. Never place unused product down any indoor or outdoor drain. [Editor's note; supplemental distributor will insert own toll free number.]

Formulated with clay granule for deep penetration through thick ground covers like Ivy, pachysandra and dichondra.

HOW DEVRINOL LAWN AND ORNAMENTAL WORKS: Devrinol Lawn and Ornamental controls many annual grass and broadleaf weeds as they germinate. It does not control established weeds. One application properly applied at the recommended use rate will prevent the germination of most weeds up to 90 days, preventing the need for hand weeding.

RECOMMENDED APPLICATIONS: Apply Devrinol Lawn and Ornamental over small-established ornamental plants or around larger plants in flowerbeds, rose gardens, landscape ornamental environments, ground covers (including dichondra), lawns, or to potted ornamentals grown for esthetic purpose. Do not use where plants are seeded.

Use Devrinol Lawn and Ornamental for weed control in the following plants:

Deciduous and Evergreen Trees

- | | | |
|-----------------------|--------------------|-----------------------------|
| Acer | Eucalyptus | Palm (Washingtonia robusta) |
| Alder, Black | Ficus | Picea |
| Ash | Fir | Pin Oak |
| Balsam fir | Gleditsia | Pine, White |
| Birch | Golden Rain Tree | Pinus |
| Birch, European White | Gum, Sweet | Pittosporum |
| Black Walnut | Hemlock | Podocarpus |
| Cedar | Japanese Larch | Populus |
| Citrus | Laburnum | Prunus |
| Crataegus | Little leaf Linden | Spruce, Colorado Blue |
| Cypress | Malus | Tulip Tree |
| Dogwood | Maple, Japanese | Wisteria, Chinese |
| Douglas Fir | Maple, Red | |
| Elm, Siberian | Olive (Olea) | |

Deciduous and Evergreen Shrubs

- | | | |
|-----------------------|------------------------|--------------|
| Abelia | Dogwood | Oleander |
| Arizona Fuschia | Euonymus | Osmanthus |
| Arrowwood | Forsythia | Photinia |
| Asparagus (Sprengeri) | Gardenia | Podocarpus |
| Aucuba | Heather | Pyracantha |
| Azalea | Hibiscus | Raphiolepis |
| Beach Plum | Honeysuckle (Lonicera) | Rhododendron |
| Bottlebrush | Hypericum | Rosa |
| Bougainvillea | Ilex | Serviceberry |
| Buxus | Juniperus | Star Jasmine |
| Camellia | Leucothe | Taxus |
| Cotoneaster | Ligustrum | Viburnum |
| Crepe Myrtle | Nandia | Xylosema |
| | Natal Plum | |

Fruit and Nuts

- | | | |
|---------|-----------|-----------|
| Almond | Lemon | Pistachio |
| Apple | Nectarine | Plum |
| Apricot | Orange | Prune |
| Cherry | Peach | Tangerine |
| Filbert | Pear | Walnut |
| Grape | Pecan | |

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Ground Covers

Ajuga
Carpobrotus
Delosperma
Dichondra
Erysimum
Fern, Christmas
Fern, Hay-scented
Fern, Japanese painted
Fern, Lady

Fern, Log
Fern, Royal
Fern, Shaggy Shield
Ganzania
Hedera
Hypericum
Iceplant
Ivy
Lantana

Liriope
Osteosperma
Pachysandra
Ribbon Grass
Russian Sage
Sedum
Silver sage
Vinca

Container Stock

Abelia
Agapanthus
Ageratum
Asparagus
Azalea
Bottlebrush
Bougainvillea
Buxus
Camellia
Cedar
Cotoneaster
Crepe Myrtle
Cypress
Dogwood
Douglas Fir

Eucalyptus
Euonymus
Fir
Forsythia
Gardenia
Geranium
Heather
Hedera
Hibiscus
Ilex
Juniperus
Leucothe
Ligustrum
Liriope
Nandina

Pachysandra
Palm (Washingtonia robusta)
Photinia
Pinus spp.
Pittosporum
Podocarpus
Pyracantha
Raphiolepis
Rhododendron
Rosa
Sedum
Star Jasmine
Thuja
Vinca
Xylosema

Flowers (Established)

African Daisy
Aster
Beard-Tongue
Bellflower, Tussack
Bird of Paradise
Blanket Flower
Bleeding Heart
Boltonia
Cheddar Pink
Cleyera
Coneflower Purple
Chrysantemum

Dahlia
Daisy
Daylily
Gazania
Geranium
Gladiolus
Leopards Bane
Lilly of the Incas
Moss Pink
Mums
Narcissus
Pasque Flower

Petunia
Pincushion Flower
Plantain Lily (Hosta)
Redrocks Penastemon
Speedwell
Stone crop
Sun Daisy
Sunset Hyssop
Yarrow, Common
Yellow loosestrife
Zinnia

Lawns (Warm Season)

Bahiagrass
Bermudagrass

Centipedegrass
Fescue

St. Augustinegrass

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WHAT THIS PRODUCT DOES

Devrinol Lawn and Ornamental controls certain annual grassy and broadleaf weeds as they germinate. It does not control established weeds. The weeds controlled are listed below:

WEEDS CONTROLLED

GRASSES (ANNUAL): Annual Bluegrass (*Poa Annua*), Barnyardgrass, Bromes (Cheatgrass, Downy, Ripgut and Soft Chess), Crabgrass (Large, Hairy and Smooth), Southwestern Cupgrass, Foxtails (Bristly, Giant, Green and Yellow), Goosegrass, Johnsongrass (Seedling), Panicums (Guineagrass, Fall and Texas), Italian Ryegrass, Sandbur, Red Sprangletop, Stinkgrass and Wild Oats.

BROADLEAF WEEDS: Carpetweed, Common Chickweed, Coast Fiddleneck, Filaree, Groundsel, Prostrate Knotweed, Lambsquarters, Prickly Lettuce, Little Mallow (Seedling), Redroot Pigweed, Pineappleweed, Common Purslane, Horse Purslane, Common Ragweed (Suppression) and Annual Sowthistle.

LAWNS: Devrinol Lawn and Ornamental selectively controls crabgrass, goosegrass and annual bluegrass in Warm Season Turfgrasses only (bahiagrass, bermudagrass, centipedegrass, St. Augustinegrass and fescue).

CONTROL OF CRABGRASS OR GOOSEGRASS: Application should be made 2-3 weeks prior to weed emergence. Apply using a shaker canister, flow drop or a cyclone type spreader. A more uniform application can be made by spreading half the required amount over the area to be treated, then applying the remainder at right angles. For optimum weed control in lawns, Devrinol Lawn and Ornamental requires a minimum of ½ inch of rainfall or irrigation within 2-3 days after application. If irrigation methods are not available, the timing of application should be moved back several weeks to allow for some rainfall between application and weed germination.

SPLIT APPLICATIONS: For control of both crabgrass and goosegrass, apply the recommended rate for crabgrass followed by a second application 8-10 weeks apart for the control of goosegrass. Timing should be adjusted to the germination of weeds in your area. Split applications generally give longer and better weed control than one application.

CONTROL OF ANNUAL BLUEGRASS (*Poa Annua*): Annual bluegrass is a winter annual in most of the Warm Season turf regions; therefore, application should be made in the Fall before the annual bluegrass germinates.

RESEEDING: Do not reseed or overseed within six months after application.

WHEN TO APPLY: Devrinol Lawn and Ornamental can be applied all year to control germinating weeds. Apply Devrinol Lawn and Ornamental before weeds germinate in late winter or early spring, after removing established weeds chemically or by hand, to prevent reinfestation of the listed weeds from seed. Fall and winter applications will provide excellent weed control the following spring and summer. When treating plants in containers, apply after setting and watering the plants. See directions under the "Lawns" section for specific lawn applications.

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		THIS CONTAINER TREATS	
APPLICATION	RATES	2 lb. 4 oz. Container	11 lb. 4 oz. Container
ORNAMENTALS Deciduous and Evergreen Trees, Shrubs, Flowers, Ground Covers and Cont- ainer Grown Ornamentals	1 Ounce* per 10 sq. ft.	360 sq. ft.	1,800 sq. ft.
LAWNS: (Warm Season) For Crabgrass or Goosegrass Control			
Expected Light Infestation:	2.25 lb/1,000 sq. ft.	1,000 sq. ft.	5,000 sq. ft.
Heavy Infestation:	3.38 lb/1,000 sq. ft.	660 sq. ft.	3,300 sq. ft.
Split Application: (For control of Crabgrass and Goosegrass)	2.25 lb/1,000 sq. ft. followed 8-10 weeks later with 2.25 lb/1,000 sq. ft.	1,000 sq. ft.	5,000 sq. ft.
For Annual Bluegrass Control: (<i>Poa Annua</i>)	2.25 lb/1,000 sq. ft.	1,000 sq. ft.	5,000 sq. ft.

*2 rounded Tablespoons = 1 Ounce

Do not use spoons for food after use with this product - keep for garden use only.

HOW TO APPLY: Spread evenly on the soil surface using the shaker can or granular herbicide applicator. Do not apply when weather conditions favor drift from intended treatment area. For optimum results, incorporate evenly into the soil using a hand cultivator to a depth of 1-2 inches or by irrigation or natural moisture (rainfall or snow) with ½ inch of water within 2-3 days after application. For weed control in Dichondra, apply at the time of seeding or to established Dichondra including Dichondra sod. Irrigate with a minimum of 1 inch of water.



United Phosphorus, Inc.

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423 Riverview Plaza
Trenton, NJ 08611
(609) 392-8200 (phone)
(609) 392-0808 (fax)

Ann M. Tillman
Technical Director

July 1, 2004

Mr. James Tompkins, PM 25
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Dear Mr. Tompkins:

**DEVRINOL Lawn and Ornamental Selective Herbicide (Active Ingredient - Napropamide)
EPA REG. NO. 70506-39
NOTIFICATION – Addition of New Ornamental Species**

Enclosed is a copy of the revised label for Devrinol Lawn and Ornamental Selective Herbicide that includes the following changes:

1. Added ornamental species based on data generated by IR-4. This label already bears directions for use for ornamentals. The use rates for the new ornamental plants remain the same as for ornamentals currently listed on the label.

Contents of this Submission

- ▶ Transmittal document (this letter).
- ▶ EPA Application Form 8570-1 (OPP Identifier Number 274801).
- ▶ Four (4) copies of the revised Devrinol Lawn and Ornamental Selective herbicide label and one (1) copy of the revised label highlighted to show the location of the changes. A copy of the pdf versions are found on the enclosed CD.

If you require further information, please contact me at the number listed above.

Sincerely,

Ann M. Tillman, Ph.D.
Technical Director
United Phosphorus, Inc.

Enclosures