

AM 25 5481-443

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
225348

Application for Pesticide - Section I

1. Company/Product Number 5481-443	2. EPA Product Manager Robert Taylor	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PARFLO 2F	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Amvac Chemical Corporation 2110 Davie Avenue Commerce, CA 90040 <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

<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 type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below _____

NOTIFICATION
MAY 22 1996

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Alternate brand name for PCNB 2 Flowable Turf & Ornamental.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 5 Gal.; 30 Gal.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" 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 Rusty Millar	Title Manager, Regulatory Affairs	Telephone No. (Include Area Code) 213/526-2388
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.		6. Date Application Received (Stamped)
2. Signature <i>W.F. Millar</i>	3. Title Manager, Regulatory Affairs	
4. Typed Name W.F. Millar	5. Date 2 May 1996	

FOR ORNAMENTALS

Portures of this product and water must be mixed with the soil as a drench treatment for protection against the listed diseases on nursery, greenhouse, field grown and established plants. A preliminary trial is suggested first before a full treatment is given to any plant species not listed in these directions.

DISEASES CONTROLLED

Common Name	Fungi Name	Common Name	Fungi Name
Root and stem rot	Rhizoctonia spp.	Petal blight	Ovulinia azaleae
Botrytis storage rot	Botrytis spp.	Bulb and stem rot	Sclerotium rolfsii
Neck dry rot	Stromatinia gladioli	Flower blight	Sclerotium camelliae
Bulb dry rot	Sclerotium gladioli	Crown rot	Pellicularia rolfsii
Needle blight	Dothistroma pini	Black rot	Sclerotinia sclerotiorum

NURSERY & GREENHOUSE

For Rhizoctonia control apply as a soil drench at time of seeding and/or transplanting

Tropical Foliage Plants

Ajuga, Aphelandra, Dieffenbachia, Dracena, Ficus, Fittonia, Gynura, Hoya, Peperomia, Pothos, Schefflera, Syngonium, Tradescantia and similar tropical foliage plants. Mix 3/4 to 1 1/2 pints in 100 gallons water and apply to 400-800 sq.ft. of bed or bench area.

Coverage: For soil depths of 4 inches or less, apply 100 gallons to 800 sq.ft. For soil depths of more than 4 inches apply 100 gallons to 400 sq.ft. One repeat application can be made 4 to 6 weeks later if necessary. Do not apply to Philodendron or Pilea since injury may occur.

Bedding and Flowering Plants

Camation, Chrysanthemum, Dahlia, Geranium, Marigold, Petunia, Poinsettia, Portulaca, Salvia, Vinca, Zinnia and similar plants. Use 3/4 pint with 100 gallons of water and apply to 800 sq.ft. of flat or bench area. Apply at seeding or transplanting time.

Herbaceous and Woody Plants

Herbaceous Plants: Kalanchoe, Lily and similar plants. Woody Plants: Azalea, Boxwood, English Ivy, Holly, Juniper, Pine, Rhododendron and similar plants. Use 3/4 to 1 1/2 pints with 100 gallons of water and apply to 400-800 sq.ft. of bed or bench area.

DIP TREATMENT FOR BULBS AND DORMANT ROSES

Use before planting or storing. It is important to maintain continuous circulation of dip solution to assure uniform application of fungicide. Add 1% "Sticker" to solution. Utilize wire mesh for dipping and drain boards to return excess solution to dip tank. Dispose of unused dip solution according to "Storage and Disposal" and observe use of protective clothing as listed under "Hazards to Humans"; both sections found on this label. Wear chemical resistant gloves when dipping.

For control of Crown Rot and Black Rot on Iris, Hyacinth, Narcissus and Tulips dip bulbs for 5 minutes in a solution containing 3/4 gallon of this product in 3.2 gallons of water.

For Root Rot (Rhizoctonia) of Easter Lilies dip in a solution containing 1 1/2 to 2 1/4 gals. PCNB 2 FLOWABLE TURF & ORNAMENTAL in 100 gallons of water for a period of 5 to 15 minutes.

For Botrytis Storage Rot on Roses: Dip or spray dormant plants before packaging or storage, with a solution of 1 gallon PCNB 2 FLOWABLE TURF & ORNAMENTAL in 100 gals. of water.

FIELD GROWN ORNAMENTAL CROPS

HOW TO MIX AND APPLY

Mix the following amounts of PCNB 2 FLOWABLE TURF & ORNAMENTAL in sufficient water and apply before planting to give uniform ground coverage. Incorporate the spray/drench solution to depth of soil as indicated.

AS A PRE-PLANT BROADCAST TREATMENT

For Rhizoctonia Root Rot on Easter Lilies, and for Crown Rot and Black Rot on Iris, Hyacinth, Narcissus and Tulips use 1 1/5 to 2 1/3 gals. per 1,000 sq. ft. Thoroughly incorporate to a depth of 6 to 7 inches. Use the lower rate for light soils; the higher rate for heavy soils.

For Bulb Rot and Stem Rot (Sclerotinia rolfsii) on Dutch Iris use 1 1/5 to 1 2/3 gals./1,000 sq.ft. Apply prior to planting. Thoroughly incorporate solution to depth of 2 to 3 inches.

For Neck or Bulb Dry Rot (Stromatinia or Sclerotinia gladioli) on Gladiolus use 1 1/3 gal./1,000 sq.ft. Apply prior to planting. Thoroughly incorporate to depth of 4 to 6 inches. Bulbs may be planted immediately after solution is incorporated.

For Stem Rot (Rhizoctonia) on Calendula, Larkspur, Snapdragon and Sweet Pea use 1 1/3 gal. per 1,000 sq.ft. Apply prior to planting. Thoroughly incorporate to depth of 4 inches.

For Rhizoctonia Needle Blight on Southern Pine Seedlings use 18 3/4 gals. per acre. Mix and apply in 100 gallons of water to give uniform ground coverage. An additional 1 1/2 inch of water per acre should be applied by irrigation prior to planting. Seed may be planted immediately after irrigation or within one week of this date.

AS A BAND TREATMENT

For Neck or Bulb Dry Rot (Stromatinia or Sclerotinia gladioli) on Gladiolus apply 2 1/8 gallon per 1,000 linear feet of row as a 12 inch band centered on the row at planting time. Incorporate to depth of 4 inches. Bulbs may be planted immediately after incorporation.

For Bulb Rot and Stem Rot (Sclerotinia rolfsii) on Dutch Iris use 1 qt. per 1,000 linear feet of row as a 12 inch band centered on the row at planting time. Follow with 3 additional applications at the same rate at 15 day intervals.

AS AN "IN FURROW" TREATMENT AT PLANTING TIME

For control of Rhizoctonia Root Rot on Easter Lilies, and for Crown Rot and Black Rot on Iris, Hyacinth, Narcissus and Tulips mix 1 3/4 gal. to 2 1/4 gals. in 5 to 10 gallons of water and apply per 1,000 linear feet of row. Direct the spray into open furrow to thoroughly cover entire furrow and bulbs. Close furrow in normal manner. Use lower rate for lighter soils and higher rate for heavier soils. For Black Rot control, use high rate.

SPRAY FOR ESTABLISHED AZALEAS & CAMELLIAS

For Azalea Petal Blight (Ovulinia azaleae) on Azaleas and Camellia Flower Blight on Camellia use 3 pints /150 sq.ft. Mix and apply in sufficient water (5 to 10 gallons per 100 sq.ft.) to give uniform coverage to soil beneath bushes and in the plant bed. Begin application prior to opening of buds and repeat every 3 to 4 weeks during bloom season.

PARFLO 2F

TURF & ORNAMENTAL SOIL FUNGICIDE

FOR CONTROL OF SOIL-BORNE DISEASES ON TURFGRASS and ORNAMENTALS

ACTIVE INGREDIENT:

Pentachloronitrobenzene(PCNB)	- -	21.6%
INERT INGREDIENTS:	- - - -	78.4%
	TOTAL	100.0%

Contains 2 pounds of PCNB per Gallon

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. **IF IN EYES:** Flush eyes with plenty of water. Get medical attention if irritation persists. **IF ON SKIN:** Wash affected area with soap and water. Get medical attention. **IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid inhaling spray mist. This material may cause skin irritation. Use with adequate ventilation. Do not contaminate feed or foodstuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category (C) on an EPA chemical resistance category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants; chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton; shoes plus socks and for exposures outdoors, dust/mist filtering respirator (MSHA / NIOSH approval No. prefix TC-21C). For exposures in enclosed areas, a respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA / NIOSH approval No. prefix TC-23C), or a canister approved for pesticides (MSHA / NIOSH approval No. prefix TC-14G). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users 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 contaminate water when disposing of equipment washwaters. This product is 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. Do not apply where run-off is likely to occur. Apply this product only as specified on this label. Do not apply directly adjacent to potable water supplies.

CHEMICAL AND PHYSICAL HAZARDS

Do not allow product to freeze.

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 through any type of irrigation system. Slight agitation may be required to mix the material. Do not use treated seed for feed, food or oil purposes. 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 requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to use 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: long-sleeved shirt and long pants, chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton; and shoes plus socks.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 5481-443

NET CONTENTS 5 GALLONS

EPA EST NO. 5481-CA-1

AMVAC CHEMICAL CORPORATION

4100 EAST WASHINGTON BLVD. • LOS ANGELES, CA 90023 U.S.A.

STOP
Do not contaminate water, food or original container in a cool, dry, well-ventilated area below 20 ° F. PESTICIDE DISPOSAL: Dispose of on site or at an approved (or equivalent). Then offer for recycling, landfill, or by other approved process.

Use as a fungicide in the prevention of turfgrass on golf courses, sod farms, and other areas where fine turf is under a maintenance program.

Brown Patch (Rhizoctonia solani)
Dollar Spot (Sclerotinia homoeocarpa)
Pink Snow Mold (Fusarium)

For best results use as a preventive of the infection. If heavy rainfall or irrigation reappears, treat area again. Follow directions. NOTE: Apply the high rate if pressure is light. Treated area should be watered to wash the fungicide down to the soil.

Disease/Host	
Brown Patch (Rhizoctonia solani) St. Augustine, Bermuda & similar warm season grasses. Dichondra	
Bluegrass, Rye, Fescue, Bent & similar cool season grasses.	
Leaf Spot (Helminthosporium spp.) Dollar Spot * (Sclerotinia homoeocarpa) *Do not use in California.	
Gray Snow Mold (Typhula spp.) Pink Snow Mold (Microdochium nivale)	

Do not graze treated areas or feed grass to livestock. Discoloration of the grass occasionally may occur.

IMPORTANT

By using this product, the user warrants that (a) this product is reasonably fit for the purposes stated on accordance with its directions; and (c) that it is based upon responsible experts' evaluation of animals and plants, of residues on food, and of residues on all varieties of food crops, conditions.

There are no express warranties other than those authorized by any agent or representative to make and disclaimers all implied warranties of quality or performance.

This warranty does not extend to, and the user from the use of this product in any manner. User's exclusive remedy and Amvac's sole liability in tort, or otherwise shall be limited to the quantity of product with respect to which the user is liable for special, indirect, or consequential damages.

(443-amd.PM408-08-95)EPA reg. 40.108

FOR THE FOLLOWING TRANSPORTATION: MEDICAL: HAZARD IN