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33560-41

File 10/44



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

MAR 23 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Robert J. Cochran  
PRO SERVE INC.  
400 East Brooks Rd - Box 161059  
Memphis, TN 38186

Subject: Label Amendment Submission of 11/04/93 in Response to PR Notice 93-7  
EPA Reg. No. 33560-41  
PRONONE POWER PELLET HERBICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

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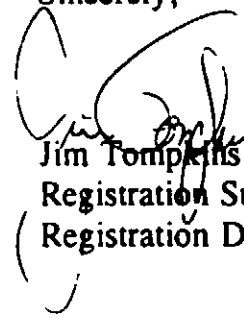
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

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D R A F T   L A B E L

PRONONE POWER PELLET

HERBICIDE

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAR 23 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

33560-41

ACTIVE INGREDIENT:      Hexazinone

3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-  
triazine-2,4-(1H,3H)-dione      75%

INERT INGREDIENTS:      25%

TOTAL:      100%

EPA Est. No. 33560-TN-1

EPA Reg. No. 33560-41

(Container Size)

3 oz., 1 lb. 6 oz. or 5.5 lb.

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PRONONE POWER PELLET

D R A F T L A B E L

KEEP OUT OF REACH OF CHILDREN

DANGER

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air and apply respiration if indicated.

IF ON SKIN: Wash promptly with soap and water. Rinse thoroughly.

IF IN EYES: Rinse eyes with plenty of water. Call a physician.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Corrosive, causes irreversible eye damage. Do not get in eyes, on skin, or on clothing. May cause irritation of nose, throat or skin.

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PRONONE POWER PELLETT

DRAFT LABEL

Applicators and handlers must wear long-sleeved shirt and long pants and shoes plus socks, waterproof gloves and eye protection. 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. Do not store near food or feed products. Store out of the weather.

*eye protection  
wear*

**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.

ENVIRONMENTAL HAZARDS

Do not apply directly to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water used by wildlife and aquatic life or for domestic and irrigation purposes. Do not apply where runoff is likely to occur.

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PRONONE POWER PELLETT

D R A F T L A B E L

GENERAL INFORMATION

Pro-Serve's PRONONE POWER PELLETT HERBICIDE is a pellet of Hexazinone to be used for selective weed and brush control in reforestation areas, rangeland and pastures, and for non selective weed and brush control on noncropland areas.

PRONONE POWER PELLETT is an effective general herbicide providing residual control of many annual and biennial weeds, woody plants and, except for Johnsongrass, is effective for control of most perennial weeds. It is absorbed through the roots.

Moisture is required to activate PRONONE POWER PELLETT in the soil. Best results are obtained when weeds are less than 2 inches in height or diameter, soil is moist at time of application and 1/4 to 1/2 inch of rainfall occurs within 2 weeks after application.

Herbaceous plants usually respond by wilting and becoming chlorotic within 2 weeks after application under warm, humid conditions, while 4 to 6 weeks may be required when weather is cool. If rainfall after application is inadequate to activate PRONONE POWER PELLETTs in the soil, plants may recover and continue to grow.

Woody plants usually respond within 3 to 6 weeks after sufficient rainfall has dissolved the pellet and carried the herbicide into the root zone where it is absorbed during periods of active plant growth. Defoliation and subsequent refoliation may occur, but susceptible plants are killed. The response to the

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treatment will vary with the amount applied, soil type, rainfall, timing and uniformity of application and other conditions.

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Pro-Serve, Inc. will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by Pro-Serve, Inc. User assumes all risk associated with such nonrecommended use.

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, 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 the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The

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requirements in this box only apply to uses 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 (RE) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Standard Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is coveralls, waterproof gloves, shoes, plus socks and protective eyewear.

**USE PRECAUTIONS**

Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. DO NOT use on lawns, walks, driveways, tennis courts or similar areas. Prevent contact with desirable plants. Keep from contact with fertilizers, insecticides, fungicides and seeds.

Application: Apply PRONONE POWER PELLETT HERBICIDE by hand to the soil around specific plants or in a grid pattern for area control. ~~Wear chemically resistant gloves when handling pellets to prevent skin contact.~~

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Make application just before or during the period of active growth of brush species to be controlled. For effective brush control and prevention of damage to desirable vegetation do not apply to brush standing in water; do not use where desirable trees or shrubs are immediately adjacent to treated areas.

**RANGELAND, PASTURE:** Apply the pellet to the soil within 3' of the root collar at the rate of 1 or 2 pellets for each 1" of stem diameter of brush to be controlled. When treating large stems and when more than one pellet is needed per stem, make application on opposite sides of the stem. Do not treat more than 300 one-inch stem equivalents (approximately 709 brush plants) per acre per season. Late winter to mid-spring application is suggested.

**NOTE:** Do not use on marshy or poorly drained sites or on soils classified as clays. For effective brush control and prevention of damage to desirable vegetation, do not apply to brush standing in water. For these use sites, there is no restriction on grazing by domestic animals nor on cutting forage or hay.

**FORESTRY:** PRONONE POWER PELLET HERBICIDE is recommended for use in forestry site preparation, preharvest control of hardwoods and pine release in pine-hardwood stands for growth enhancement of loblolly, slash, shortleaf and longleaf pine. The treatment provides control of many woody plants such as black cherry, blackgum\*, dogwood\*, elm, hawthorn, hickory\*, oaks, red maple\*, sweetgum and sumac\*.

\*Considered hard to kill.

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PRONONE POWER PELLET

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Apply at a rate of 1,700 to 5,800 pellets per acre for preharvest, site preparation, and wildlife openings, and 900 to 3,800 pellets per acre for pine release. Make the application using a grid pattern as suggested in the table below. Do not apply Power Pellets closer than 36" to seedlings or directly upslope from seedlings. When treating large stems and where more than one pellet is needed per stem, make application around the stem.

The rate per acre and grid pattern will depend on soil texture and woody plant species composition. Use the higher rates on fine-textured soils and when the major component of the hardwoods is a difficult-to-control species such as blackgum, dogwood, hickory and red maple. Use the lower rates on medium to coarse texture soils where elm, cherry, oak and sweetgum are dominant. For individual stem treatment, apply the pellet to the soil within 3' of the root collar at the rate of 1 or 2 pellets for each 1" diameter of brush to be controlled. When treating large stems and when more than one pellet is needed per stem, make application around the stem.

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PRONONE POWER PELLETT

D R A F T L A B E L

TABLE OF SUGGESTED APPLICATION PATTERNS

FOR PRONONE POWER PELLETS

For Site Preparation and Preharvest Control of Hardwoods

<u>Soil</u>		<u>Grid Spacing (ft)</u>
Coarse	1 Pellet	5' X 5' or 4' X 5' or 4' X 4'
Medium/Fine	1 Pellet	3' X 4' or 3' X 3' or 2 1/2' X 3'

For Pine Release

<u>Soil</u>		<u>Grid Spacing (ft)</u>
Coarse	1 Pellet	6' X 8'* or 5' X 6'
Medium/Fine	1 Pellet	4' X 6'

\*Use of deep sands with pines four years of age or older.

NOTE: As spacing decreases, rate increases.

PRONONE POWER PELLETT should be applied during the period from late winter (bud-break) to early summer (full leaf). DO NOT BURN treated sites after initial foliage browning is evident. Burn only after brush has completely defoliated, at least once, from sufficient root uptake of the herbicide. Inconsistent results may occur if the site is burned up to 3 to 6 months prior to treatment. Results may be unsatisfactory where stump sprouts of less than one year's growth

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predominate.

NOTE: Use on 1-year old or 4-year old or older seedlings is acceptable; however, injury may result from use on 2 and 3-year old seedling where roots growth is extensive but hardiness is lacking. Do not graze domestic animals on treated areas within 60 days after treatment.

SPECIES CONTROLLED:

Aspen, Blackgum, Black Cherry, Catclaw Acacia, Deerbrush, Dogwood, Elm, Green Ash, Hackberry, Hawthorn, Hickory, Huisache, Junipers, Lotebush, Manzanita, Mesquite, Mulciferora Rose, Myrtle, Oaks (except Live Oaks), Osage Orange, Persimmon, Red Cedar, Small Soapweed (Yucca Glauca), Snowbrush, Sumac, Sweetgum, Tallow, Whitethorn, Whitebrush, Wild Cherry and Willow.

GENERAL WEED AND BRUSH CONTROL - NONCROPLAND:

PRONONE POWER PELLETT HERBICIDE is recommended for general weed and brush control in noncropland areas such as utility, highway, pipeline and railroad rights-of-way, petroleum tank farms, lumberyards, storage areas, industrial plant sites, the berm of drainage ditches (do not apply to the inside of ditch banks or to the inside of banks along waterways) and other similar areas. Apply at 1-2 pellets per inch of stem diameter or as broadcast or grid pattern with rates up to 7,000 pellets.

For multi-stemmed and low-growing brush that have stem diameters that are difficult to determine, apply at 1-2 pellets per 3' of canopy width. For tall, slender brush types, apply 2-4 pellets per 3' of height. Base rate on whichever canopy dimension is greater. If treating resprouts from brush disturbed by

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cutting, the rate of application should be based on the original tree size, not the small regrowth.

NOTE: At rates greater than 5,000 pellets per acre, do not cut for forage or hay nor graze domestic animals on treated areas. At rates between 600 to 5,000 pellets per acre do not cut for forage or hay nor graze domestic animals on treated areas for 60 days. At rates below 600 pellets per acre there is no restriction on grazing by domestic animals nor on cutting for forage or hay.

**SPECIES CONTROLLED:**

Barnyardgrass, Bindweed\*, Bouncing Bet\*, Bromegrass, Buffalograss\*, Burdock, Cocklebur, Crabgrass, Crown vetch, Curly dock\*, Dandelion\*, Dogbane\*, Widdleneck, Filaree, Fleabane, Goatsbeard vine, Goldenrod, Lespedeza, Milkweed\*, Mustard, Nutsedge\*, Orchardgrass\*, Oxalis, Paragrass, Pigweed, Purslane, Quackgrass, Ryegrass, Smartweed, Spurge, Trumpet creeper\*, Wild oats\*, Wild parsnip and Wild star thistle.

\*Considered hard to kill.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store product in original container only, away from other pesticides, fertilizer, food or feed. Keep product dry.

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**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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

#### **NOTICE OF WARRANTY**

Pro-Serve warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risk inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions presence of other materials, or the manner of use or application, all of which are beyond the control of Pro-Serve, Inc. In no case shall Pro-Serve, Inc. be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by buyer. Pro-Serve makes no warranties of merchantability or fitness for a particular purpose nor any other express or implies warranty except as stated above.

**NOTICE TO BUYER:** Purchase of this material does not confer any rights under patents of countries outside of the United States.

PRO-SERVE, INC.

400 EAST BROOKS ROAD

MEMPHIS, TN 38109

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