

PM23 33560-41 1049
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 22 1991

Mr. Robert J. Cochran
PRO-SERVE, Inc.
P.O. Box 161059
Memphis, Tennessee 38186

Dear Mr. Cochran:

Subject: Amendment - Label changes required for reregistration
of Hexazinone containing products
PRONONE Power Pellet Herbicide
EPA Reg. No. 33560-41
Your Resubmission Dated February 15, 1991

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that the following change is made:

Pages 5 and 6: Under NOTE, delete "do not use water from treated ditches for irrigation". In our letter dated November 14, 1988, we stated that this product is not approved for use in ditches and includes a warning statement against contaminating irrigation or domestic water supplies.

A stamped copy of your draft label is enclosed for your records.

Please submit five (5) copies of your final printed labeling incorporating the above change before you release the product for shipment.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

ENCLOSURE		CONCURRENCES					
SYMBOL	H.7505C						
SURNAME	D. W. Miller						
DATE	3-22-91						

PM23 33560-41

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DRAFT LABEL

PRONONE POWER PELLET

HERBICIDE

ACTIVE INGREDIENT:	Hexazinone	
	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4-(1H,3H)-dione	75%
INERT INGREDIENTS:		<u>25%</u>
TOTAL		100%

EPA Est. No. 33560-TN-1

EPA Reg. No. 33560-41

(Container Size)

1 lb. 6 oz or 5.5 lb.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

March 22, 1991

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

33560-41

KEEP OUT OF REACH OF CHILDREN

DANGER

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. Applicator must wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not store near food or feed products. Store out of the weather.

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ENVIRONMENTAL HAZARDS

Do not apply directly to any body of water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water used by wildlife and aquatic life or for domestic and irrigation purposes. Do not contaminate water when disposing of equipment washwaters or disposing of waste.

IMPORTANT

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.

GENERAL INFORMATION

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

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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 PELLETTS 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.

On herbaceous plants, symptoms usually appear 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.

On woody plants, symptoms usually appear 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 refoiation may occur, but susceptible plants are killed. The effect of treatment will vary with the amount applied, soil type, rainfall, timing and uniformity of application and other conditions.

PRONONE POWER PELLETTS
E. I. du Pont de Nemours & Co.
Wilmington, Delaware

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 non-recommended use.

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

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 area.

RANGELAND: 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 70 brush plants) per acre per season. Late winter to mid-spring application is suggested. Do not use on marshy or poorly drained sites or on soils classified as clays. Do not cut hay from treated grasses. Do not use on pastures.

NOTE: For effective brush control and prevention of damage to desirable vegetation, do not apply to brush standing in water; do not use water from treated

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ditches for irrigation; do not use where desirable trees or shrubs are immediately adjacent to treated area.

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

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 on opposite sides of the stem.

Selection of 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 on opposite sides of the stem.

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TABLE OF SUGGESTED APPLICATION PATTERNS
FOR PRONONE POWER PELLETS

For Site Preparation and Preharvest Control for Hardwoods

<u>Soil</u>		<u>Grid Spacing (ft)</u>
Coarse	1 Pellet	5'x5' or 4'x5' or 4'x4'
Medium/Fine	1 Pellet	3'x4' or 3'x3' or 2 1/2'x3'

For Pine Release

<u>Soil</u>		<u>Grid Spacing (ft)</u>
Coarse	1 Pellet	6'x8'* or 5'x6'
Medium/Fine	1 Pellet	4'x6'

*Use on 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. 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 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 seedlings where root growth is extensive but hardiness is lacking.

Do not graze domestic animals on treated areas within 30 days after treatment.

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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, 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 per acre.

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.

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 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 implied 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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