

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 33560-45	DATE OF ISSUANCE APR 14 1998
	TERM OF ISSUANCE Conditional	
	NAME OF PESTICIDE PRODUCT Pronone® 25G Granular Herbicide	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Pro-Seve, Inc.
400 E. BROOKS ROAD
Memphis, TN 38109

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA Section 4(g)(2)(C). Reregistration under this section of the Act does not eliminate the need for continual reassessment of the registration of this product. Reregistration based on your response to the EPA Reregistration Eligibility Decision (RED) is conditional until you:

1. Revise the first sentence in label section "Use Rates" on page 2 and 4 to read: "Dosages to be used for site preparation and conifer release east of the Rocky Mountains"; and on page 4, "Dosages to be used for site preparation and conifer release west of the Rocky Mountains", respectively.
2. Submit one (1) copy of the final printed labeling before you release the product for shipment under the stamped, enclosed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure
 ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>Joanne I. Miller</i>	DATE APR 14 1998
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PRONONE® 25G

Granular Herbicide

<i>Active Ingredient</i>	<i>By Weight</i>
Hexazinone [3-cyclohexyl-6-(dimethylamino) -1-methyl-1,3,5-triazine-2,4(1H,3H-dione)]	25 %
<i>Inert Ingredients</i>	75 %
TOTAL	100%

50 pounds net weight

EPA Reg. No. 33560-45 EPA Est. No. 33560-TN-1

**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 irritation persists.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

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

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

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.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

Long-sleeved shirt and long pants.

Shoes plus socks.

Protective eyewear.

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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

The active ingredient, hexazinone, in this product is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

GENERAL INFORMATION

PRONONE 25G Granular Herbicide is a special granular product to be distributed in a broadcast pattern on the soil surface, or applied by hand to individual plant stems, in non-cropland areas for control of undesirable woody and herbaceous plants. Rainfall dissolves the chemical (hexazinone) from the granules and moves the herbicide into the root zone where it is absorbed during periods of active plant growth.

Symptoms of herbicidal activity generally appear within 3 to 4 weeks for herbaceous plants and 4 to 8 weeks for woody plants, after sufficient rainfall has carried the herbicide into the root zone. Defoliation and subsequent refofiation may occur, but susceptible plants are killed.

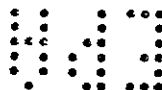
Thoroughly clean all traces of PRONONE 25G Granular Herbicide from application equipment immediately after use. Keep from contact with fertilizers, Insecticides, fungicides and seeds

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 14 1998

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

33560-45



APPLICATION INFORMATION

Apply the granules by appropriate ground or aerial equipment. Calibrate the equipment to distribute the granules uniformly over the area to be treated. Apply before or during the period of active growth, when rainfall can be expected to activate the chemical in the soil. Do not apply to frozen soil, or to water saturated soils when rainfall is expected within 24 hours. Distribution across treatment swath must be uniform.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Pro-Serve's PRONONE 25G should be used only in accordance with recommendations on this label.

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.

The correct use rates for use site and geographical area, specified on the label and application directions must be followed to minimize potential for hexazinone movement into ground water. Consult with your state pesticide lead agency for information regarding soil permeability, aquifer vulnerability, and best management practices for your area.

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 the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involved contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

FORESTRY

EAST OF THE ROCKY MOUNTAINS

SITE PREPARATION AND CONIFER RELEASE

PRONONE 25G is recommended for site preparation and conifer release in areas of greater than 20 inches of annual rainfall east of the Rocky Mountains where the following species of pine are grown:

- Loblolly Pine
- Shortleaf Pine
- Virginia Pine
- Red Pine
- Longleaf Pine
- Slash Pine
- White Spruce - (site prep. only)

APPLICATION TIMING

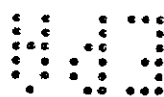
For best results, apply in spring when weeds and woody plants (brush) are actively growing, after the danger of a killing frost has passed (for target species) and when sufficient rainfall is expected.

USE RATES

Dosages to be used for use sites on this label are given in Table 1 below. Where a range of dosage is given use the high dosage for control of plants that are listed as being only partially controlled, or when long term weed control and woody plant (brush) control is desired.

Table 1. Pounds of PRONONE 25G per acre for control of listed herbaceous weeds and woody plants (brush) for listed use sites.

Soil Texture	Site Preparation	Conifer Release
Coarse		
Sand,		
Loamy Sand,		
Sandy Loam	6 to 12	3 to 6
Medium		
Loam,		
Sandy Clay		
Loam, Siltloam	12 to 16	6 to 9
Fine		
Clay Loam,		
Sandy Clay, Silty		
Clay Loam, Silt,		
Silt Clay, Clay,	14 to 18	9 to 12



PLANTS CONTROLLED

Herbaceous Plants

Annual Bluegrass	False Dandelion
Barnyard Grass	Fleabane
Bentgrass	Foxtail
Bromegrass	Oxeye Daisy
Catsear	Pennsylvania Smartweed
Common Groundsel	Velvetgrass
Common Ragweed	Wild Carrot
Curly Dock*	Dandelion*
Willowweed (fireweed)*	Fescue*
Goldenrod*	Horseweed*
Orchardgrass*	Quackgrass*
Ryegrass*	

*Partial control; use higher rates of the range for soil textures indicated above.

Woody Plants (brush)

American Elder	Hawthorne
White Ash	Hazel
Green Ash	Hickory*
Big Tooth Aspen	Honeysuckle
Trembling Aspen	Hornbeam
Balsam Poplar	Mulberry
Birch	Multiflora Rose
Black Cherry	Red Maple*
Blackgum	Post Oak
Blackberry	Southern Oak
Dewberry	Red Oak
Raspberry	Turkey Oak
Cherry*	Water Oak
Chokeberry	White Oak
Flowering Dogwood*	Russian Olive
Eastern Red Cedar	Sourwood
Elm	Sumac
Sweetgum	Wild Plum
Willow	

*Partial control; use higher rates of the range for soil textures indicated above.

USE PRECAUTIONS

1. Do not use on poorly drained soils. PRONONE 25G results may be slow to appear and maximum results will be seen 12-24 months following application.
2. Do not graze domestic animals on treated area within 30 days after treatment.
3. Do not apply to seedbeds or ornamental conifer plantings

4. Do not use on lawns, walks, driveways, tennis courts, or similar areas.
5. Do not apply or empty equipment near desirable trees or other plants, on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with roots.

USE PRECAUTIONS CONTINUED

Site preparation Areas

1. Do not burn until residual stand has completely defoliated at least twice, allowing for sufficient root uptake to PRONONE 25G, usually 60-90 days after rainfall.

Conifer Release Areas

1. Do not apply to Loblolly Pine that are less than four years of age since transplanting on coarse-textured soils or three-years of age since transplanting on fine-textured soils.
2. Do not apply in gravelly, rocky or exposed subsoil since conifer injury may occur.
3. Do not apply to Pines under stress due to damage by insects, disease, drought, winter stress or other stress conditions.

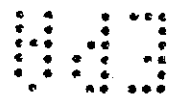
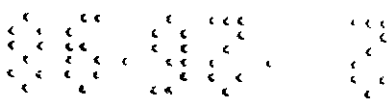
WEST OF THE ROCKY MOUNTAINS

SITE PREPARATION AND CONIFER RELEASE
PRONONE 25G is recommended for site preparation and conifer release where the following species are grown:

Douglas Fir	Ponderosa Pine
Grand Fir	Jeffrey Pine
Noble Fir	Sitka Spruce
White Fir	

APPLICATION TIMING

West of Cascades (and other areas of high spring rainfall) For best results, apply in spring when weeds and brush are actively growing.



East of Cascades (and other areas of low spring rainfall) For best results, apply in the fall before soil freezes or in the spring in anticipation of rainfall. Weed (brush) control from spring applications will be dependent upon sufficient rainfall following treatment to activate PRONONE 25G. Spring applications should be made after snow cover melts.

USE RATES

Dosages to be used for use sites on this label are given in Table 2 below. Where a range of dosage is given use the high dosage for control of plants that are listed as being only partially controlled, or when long term weed and woody plant (brush) control is desired.

Table 2. Pounds of PRONONE 25G per acre for control of listed herbaceous weeds and woody plants (brush) for listed use sites.

Soil Texture	Herbaceous Weed Control		Woody Plant (brush)**
	Pre plant	Post plant	Site Preparation & Conifer Release
Coarse Sand, Loamy Sand, Sandy Loam, Loam, Sandy Clay Siltloam	4 to 6		6 to 8
Fine Clay Loam, Sandy Clay, Silt Clay Loam, Silt, Silt Clay, Clay	6 to 8		8 to 12

** Where either Ponderosa Pine or Jeffrey Pine is the primary coniferous species.

On first year plantations, apply PRONONE 25G (either pre-plant or post-plant) to transplant stock 2 years old (2-0) or more, 1 year old (1-0) for Ponderosa and Jeffrey Pine.

When applying PRONONE 25G after transplanting, wait until rainfall has settled the soil around the base of the transplants before making the treatment.

For herbaceous weed control, moisture is necessary to activate PRONONE 25G. Best results are obtained when weeds are less than 2 inches in height or diameter, soil is moist at time of application and half to one inch of rainfall occurs within 2 weeks after application.

For best results for woody plant (brush) control, application should be made to brush seedlings or sprouts when less than 18 inches in height or diameter. Applications may be made in the fall before the soil freezes or in the spring.

Fall applications generally provide better results. PRONONE 25G results may be slow to appear and maximum results will be seen 12-24 months following the application.

Because the effect of PRONONE 25G on conifers varies with soils, uniformity of application and environmental conditions, it is suggested that foresters limit their first use to small areas.

PLANTS CONTROLLED

Herbaceous Plants

Annual Bluegrass	Velvet Grass
Barnyard Grass	Wild Carrot
Bromegrass	Dandelion*
False Dandelion	Fescue*
Catsear	Goldenrod*
Fleabane	Heath Aster*
Common Groundsel	Orchardgrass*
Foxtail	Ryegrass*
Oxeye Daisy	Smartweed*
Willowweed(Fireweed)*	

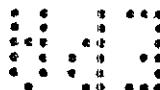
*Partial control; use higher rates for soil textures indicated above.

Woody Plants (Brush) Control

Squawcarpet	Snowbrush (Varnishleaf)
Deerbrush Ceonothus	(Ceonothus)
Greenleaf Manzanita	

USE PRECAUTIONS

1. Do not use on gravelly or rocky soils, exposed subsoils, clay knobs, sand or sandy soil with 85% or more sand.
2. Do not use on any soil containing less than 1% organic matter.
3. Do not use on loamy sand with less than 2% organic matter (except on Ponderosa and Jeffrey Pine). On soils high in organic matter (greater than 5%) effectiveness of PRONONE 25G is reduced and results may be unsatisfactory.
4. Do not graze domestic animals on treated area within 30 days after treatment
5. Do not use on lawns, walks, driveways, tennis courts, or similar areas.
6. Do not apply or empty equipment near desirable trees or other plants, on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with roots.



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STORAGE AND DISPOSAL

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

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

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then, dispose of bags in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

NOTICE OF WARRANTY

Pro-Serve, Inc. 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 direction under normal use conditions. It is impossible to eliminate 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, Inc. **MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**



PRO-SERVE, INC.

• 400 East Brooks Road • Memphis, TN 38109 •

