

REGISTRATION STATEMENT

DRAFT LABEL

*Handwritten notes:*  
33560-21  
Sept. 17, 1984

ACTIVE INGREDIENT: Hexazinone (hexachloro-1,3,5-triazine-2,4,6-triamine), 60%, 1-0-(dimethylamino)-1-methyl-2,2,2-trifluoroethoxy, 40%

OTHER INGREDIENT: .....

.....

KEEP OUT OF REACH OF CHILDREN -

**ACCEPTED**  
OCT 19 1984  
Under the Federal Insecticide, Fungicide, and Plant Growth Regulator Act, as amended, this product is registered under  
EPA Reg. No. **33560-21**

PRECAUTIONARY STATEMENTS - HAZARDS TO HUMAN AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

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 direction under normal use condition. 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 punitive damages resulting from the use of this product.

EPA Est. No. 33560-12-1

EPA Reg. No. 33560-21

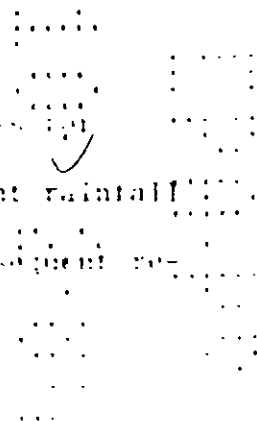
10 pounds net weight

IMPORTANT: Injury to or loss of desirable trees or other plants may result from failure to observe the following. Do not apply or empty equipment near desirable trees or other plants, or in 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.

Thoroughly clean all traces of PRONONE 10G Granular Herbicide from application equipment immediately after use. Wash equipment thoroughly with water.

GENERAL INFORMATION: PRONONE 10G 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 regrowth may occur, but susceptible plants are killed.



Application of this product must be made in accordance with the directions in a manner consistent with the labeling.

PROSERVE is a registered pesticide under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is registered under the provisions of this Act.

PROSERVE will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by the label. User assumes all risk associated with such non-recommended uses.

STORAGE AND DISPOSAL:

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

PESTICIDE DISPOSAL: Pesticide that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

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 if allowed by state and local authorities.

HOW TO APPLY: Apply the granules by appropriate ground or aerial equipment. Calibrate the equipment to distribute the granules uniformly over the area to be treated. Wear gloves when handling granules to prevent contact with skin.

Apply before or during the period of active frost, when rainfall is 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 area should be uniform.

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J. J. ...

Right-of-Ways, Petroleum Tank Farm, Storage Area, and other flat sites.  
Drainage Ditch links and other similar areas.

Use the higher level of the dosage range if the soil is under the following conditions: on hard-to-fill spots; on fine-textured soils (clay, clay loam); on soil containing more than 1% organic matter or carbon; and, on coarse-textured soils (sand, loamy sand, gravelly soils) where rainfall exceeds 40 inches per year. Use the lower level of the dosage range if the growing season is short.

*See 1-10*

Apply 60-120 lbs. per acre for season-long control of many annual, biennial and perennial weeds including barngrass\*, bermudagrass\*, bluegrass, broomsedge, camphorweed, Canada thistle\*, chickweed, clovers, dewberry, dogfennel, fescue\*, fingergrass, foxtail, guineagrass, leafy aster, honeysuckle, lantana, marehail\*, natalgrass, plaintain, prickly lettuce, ragweed, smutgrass, Spanish needle, vaseygrass, wild blackberry\*, and wild carrot.

For short-term control (up to 3 months) of the above weeds, apply 20-50 lbs. per acre. Application at 20-50 lbs. per acre also provides short-term control of many annual, biennial and perennial weeds including barnyardgrass, bindweed\*, bouncing bet\*, bromegrass, buffelgrass\*, burdock, cocklebur, crabgrass, crown vetch, curly dock\*, dandelion\*, dogbane\*, fiddleneck, filaree, fleabane, goats-beard vine, goldenrod, lespedeza, milkweed\*, mustard, nutsedge\*, orchardgrass\*, oxalis, paragrass, proso millet, quackgrass, ryegrass, smartweed, spurge, trumpet creeper\*, wild rice, wild turnip and wild star thistle.

\* Considered hard-to-kill.

For small areas, use the following dosage range: 10-20 lbs. per acre.

✓  
 Brush Control: Apply 40-50 lbs. per acre, to soil during the period between late winter and early summer for control of black gum, black cherry, elm, flowering dogwood, green ash, hawthorn, hickory oak, persimmon, prunella, sweet gum and willow.

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Individual Stem Treatment: Apply at a rate of 1/2-3/4 oz. for each 1" of stem diameter at breast height. Direct the treatment to the soil within 3 ft. of root collar of woody plants to be controlled. When treating large stems, application should be distributed on opposite sides of the stem.

FOR CONTROL OF CERTAIN WEEDS AND BUSH SPECIES FOR FORESTRY SITE PREPARATION AND CONIFER RELEASE.

PRONONE 10G is recommended for forestry site preparation and conifer release in areas of greater than 20 inches of annual rainfall east of the Rocky Mountains where loblolly, longleaf, red, shortleaf, slash and Virginia pines are grown. PRONONE 10G is also recommended for site preparation where white spruce will be planted.

When used as directed PRONONE 10G controls herbaceous weeds such as annual bluegrass, barnyard grass, bentgrass, bromegrass, catsear, common groundsel, common ragweed, false-dandelion, fleabane, foxtail, oxeye daisy, Pennsylvania smartweed, velvetgrass, and wild carrot. Treatment provides partial control of curly dock, dandelion, willowweed (fireweed), fescue, goldenrod, horsetail, honeysuckle, orchardgrass, quackgrass, and ryegrass.

PRONONE 10G, when used as directed, also controls many woody plants including American elder, ashes (white, green), aspens (big tooth, trembling), balsam poplar, birch, blackcherry, blackgum, boxelder\*\*, hawthorn, hickory, cherry, dewberry, raspberry, cherry, hawthorn, hickory, holly, locust, mulberry, persimmon, redbud, sycamore, sweet gum, and willow.

eastern red cedar, elm, hawthorne, hazel, ~~black locust~~, hornbeam, mulberry, multiflora rose, Norway maple\*\*, red maples, oaks (such as post, southern red, turkey, water, and white), Russian olive, sourwood, sumac, sweetgum, wild plum and willow.

\* Considered hard-to-kill

\*\* Controlled using individual stem application.

APPLY AT THE FOLLOWING RATES FOR SOIL TEXTURE:

SOIL TEXTURE:	HERBACEOUS WEED CONTROL 1), 2)		BRUSH CONTROL 1), 3)	SITE PREPARATION 4)
	NEW PLANTATIONS	ESTABLISHED PLANTATIONS	ESTABLISHED PLANTATIONS	
Say Loamy Sand, Sandy Loam	5-7 ✓	7½-10	8-15	10-30 ✓
Loam, Sandy Clay, Siltloam	10 ✓	10-12½	15-22 ✓	30-35 ✓
Clay Loam, Sandy Clay, Silt Clay Loam	10 ✓	10-12½ ✓	25-30	30-40 ✓
Silt, Silt Clay Clay,	10-12½ ✓	12½-15 ✓	25-30 ✓	30-40 ✓

*Product/Acre*

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NOTE: Use the lower rates on coarse-textured soils and soils low in organic matter; use higher rates on fine-textured soils and soils high in organic matter.

PRONONE is not recommended on poorly drained soils or marshy sites. PRONONE results may be slow to appear and maximum results will be seen 12-24 months following application.

1. Usually some mortality of young centers can be expected with this treatment. Do not use on sites where 10% center mortality cannot be tolerated. Do not use on sites that are infested from ~~1981~~ 1980.

caused by insect, disease, drought, winter injury, or other stresses, as severe injury may result. If such stresses occur following treatment, injury may also result. Do not use rates in excess of those specified for soil texture. Jack pine is not tolerant to PRONONE 10G.

- 2. Do not use on gravelly or rocky soils, exposed subsoils, clay knobs, sand, or sandy soil with 85% or more sand.

Do not use on any soil containing less than 1% organic matter; do not use on loamy sand with less than 2% organic matter.

First Year Application: Apply only to transplant stock that is 2 years old (2-0) or more (1 year old loblolly pine). Allow at least two months after transplanting before applying PRONONE 10G, then apply only if rainfall has settled the soil around the base of the transplant. Do not use on areas planted with containerized stock or areas which have been ripped or similarly treated. Treatment may be made pre or post planting.

- 3. Treatment may injure or kill young conifers that are under stress. Established conifer saplings (5 years or more) are usually not injured at recommended rates, while competing susceptible hardwood brush is controlled or suppressed.

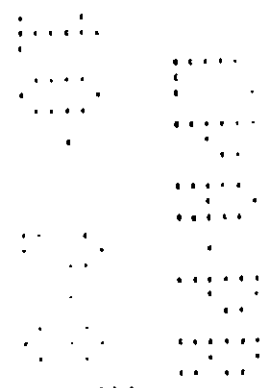
- 4. In Site Preparation Areas, where burning is desired, burn only after residual stand has been totally defoliated at least twice, allowing for sufficient root uptake of PRONONE, usually 60-90 days after rainfall.

TIMING: For best results, apply in Spring when weeds and brush are actively growing, after the danger of a killing frost has passed (not target weeds) and when sufficient rainfall is expected.

Note to Customer: When using rates below 20 pounds per acre consider using Pronone 5G for better distribution efficiency.

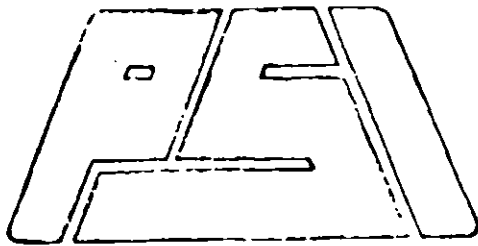
Because injury to conifers may result - Do not use in seedbeds or ornamental plantings; do not use on trees which show poor vigor because of injury, disease, or winter injury, or show symptoms of other stress conditions; do not use on poorly drained soils. In addition, crop injury may result where severe winter stress, disease, or insect damage follows applications, or heavy rains occur soon after application.

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



Manufactured by: PRO-SERVE, INC., 100 EAST BROADWAY, MEMPHIS, TN 38103





*Similar to 352-210  
Supplemental label accepted  
8/16/83*

**ACCEPTED**  
OCT 19 1984  
Under the Federal Insect  
Fungicide  
and Plant  
Regulator  
Act  
EPA Reg. No. 33560-21

ENVIRONMENTAL LABELING  
EPA Reg. No. 33560-21

**PRONONE 10G GRANULAR HERBICIDE  
FOR CONTROL OF CERTAIN WEEDS AND BRUSH SPECIES FOR  
FORESTRY SITE PREPARATION & CONIFER RELEASE**

DIRECTIONS FOR USE

It is a violation of federal law to use this product  
in a manner inconsistent with its labeling.

PRO-SERVE PRONONE 10G is recommended for control of certain weeds and brush  
species in forestry site preparation and conifer release operations where Douglas  
Fir, Grand Fir, Noble Fir, White Fir, Ponderosa Pine, Jeffrey Pine and Sitka  
Spruce are grown.

Since the effect of PRONONE 10G on conifers varies with soils, uniformity of  
application and environmental conditions, it is suggested that foresters limit  
their first use to small areas.

NOTE: Because injury to conifers may result: Do not use PRONONE 10G in nurseries,  
seedbeds or ornamental plantings; do not use on trees or shrubs that are stressed  
because of insect, disease or winter injury, or snow cover; do not use on trees  
with frost damage; do not use on trees or shrubs that are stressed by  
drought, frost, or other environmental conditions; do not use on trees or shrubs  
that are stressed by any other cause; do not use on trees or shrubs that are  
stressed by any other cause.

## HOW TO USE

Apply the granules by appropriate ground, air or hand operated equipment. Calibrate the equipment to distribute the granular uniformly over the area to be treated. Wear gloves when handling granules to prevent contact with skin.

## HERBACEOUS WEED CONTROL

When used as directed, PRONONE 10G controls weeds such as annual bluegrass, barnyardgrass, bromegrass, false dandelion (catsear) fleabane, common groundsel, foxtail, oxeye daisy, velvet grass and wild carrot. Treatment provides partial control of dandelion, fescue, goldenrod, heath aster, orchardgrass, ryegrass, smartweed, willowweed (fireweed).

Application Rates: Apply as a pre-plant or post-plant broadcast application at rates of ~~10-20~~ lbs. per acre. Use the lower rates on coarse-textured soils and soils high in organic matter. Refer to "Use Limitations" section for specific details.

For band applications, use proportionately less; for example, use  $\frac{1}{2}$  the broadcast rate when treating a 3 ft band where row spacing is 6 ft.

Moisture is necessary to activate PRONONE 10G. Best results are obtained when weeds are less than 2 inches in height or diameter, soil is moist at time of application and 1 to 1 inch of rainfall occurs within 24 hours after application.