PM 23 33560-41

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P'ONONE POWER PELLET

HERBICIDE



Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amonded, for the pesticide rogistered under EPA Reg. No. 33560 - 4

ACTIVE INGREDIENT: Hexazinone 3-cyclohexy1-6-(dimethylamino)-1-methy1-1,3,5triazine-2,4(1H,3H)-dione 75% **INERT INGREDIENTS:** 257 1007 TOTAL

EPA Est. No. 33560-TN-1

EPA Reg. No. 33560-41

(Container Size)

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



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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. Hemove contaminated clothing and wash before reuse.

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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 used by wildlife and aquatic life or for domestic and irrigation purposes. Do not apply where run off is likely to occur.

GENERAL INFORMATION

Pro-Serve's PRONONE POWER PELLET 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 PELLET 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 PELLETS 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 chlcrotic within 2 weeks after application under warm, humid conditions, while 4 to 6 weeks may be

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required when weather is cool. If rainfall after application is inadequate to activate PRONONE POWER PELLETS in the soil, plants may recover and continue to grow.

Woody plants usually respond within 3 to 6 weeks after sufficient rain 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, and susceptible plants are killed. The response to the 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.

USE PRECAUTIONS

Injury to or loss of desirable trees or other plants may result from failufe 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.

<u>Application:</u> Apply PRONONE POWER PELLET 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.

Make application just before or during the period of active growth of plant 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.

FORESTRY: FRONONE POWF& PELLET HERBICIDE is recommended for use in forestry site preparation, preharvest control of hardwoods and pine release in pine-hardwood stands where the pines are lobolly, slash, shortleaf or longleaf. The treatment provides control of many woody plants such as black cherry, blackgum*, dogwood*, elm, hawthorn, hickory*, oaks, red maple*, sweetgum and sumac*

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

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release. Make the application using one of the grid patterns 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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TABLE OF APPLICATION PATTERNS

FOR PRONONE POWER PELLETS

For Site Preparation and Preharvest Control for Hardwoods

Soil	Grid Spacing (ft)				
Coarse	1 Pellet	5' x 5'	or	4' x 5' or	4' x 4'
Medium/Fine	1 Pellet	3' x 4'	OT	3' x 3' or	2 1/2' x 3'

For Pine Release

Soil		Grid Spacing (It)
Coarse	1 Pellet	6' x 8'* or 5' x 6'
Medium/Fine	1 Pellet	4' x 6'

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

NOTE: As spacing decreases, rate increases.

PRONONE POWER PELLET should be applied during the period from late winter (budbreak) 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 predominate.

NOTE: Use on 1-year old or 4-year old or older pine 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 60 days after treatment.

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SPECIES CONTROLLED:

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

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 equivalent (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 for forage or hay.

GENERAL WEED AND BRUSH CONTROL - NONCROPLAND:

PRONONE POWER PELLET HERBICIDE is recommended for general weed and brush control in noncropland areas such as utility, highway, pipeline and railroad rights-of-

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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 per acre.

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 at 2-4 pellets per 3' of height. Base rate on whichever canopy dimension is greater. If treating resprouts from brush disturbed by 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:

Barnya dgrass, Bindweed*, Bouncing bet*, Bromegrass, Buffalogiass*, Burdock, Cocklebur, Crabgrass, Crown vetch, Curly dock*, Dandelion*, Dogbane*, fiddleneck, Filaree, Fleabane, Goatsbeard vine, Goldenrod, Lespedeza, Milkwead*, Mustard, Nutsedge*, Orchardgrass*, Oxalis, Paragrass, Pigweed, Purslane, Quackgrass,

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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.

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

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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 boyer. Pro-Serve makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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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

400 EAST BROOKS ROAD

MEMPHIS, TN 38109

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