

THISTLEDOWN™

**For Selective Control of
Broadleaf Weeds in Rangeland and
Permanent Grass Pastures (including but
not limited to Ranchette Pastures)**

- **Controls Canada Thistle, Musk Thistle, Yellow Star Thistle and Knapweed**



ACTIVE INGREDIENT:

Clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid, monoethanolamine salt. 40.90%

OTHER INGREDIENTS: 59.10%

TOTAL: 100.00%

Acid Equivalent:

3,6-dichloro-2-pyridinecarboxylic acid 31%, 3 lbs./gal.

EPA Reg. No. 228-491-54705

EPA Est. No. 48498-CA-1

NET CONTENTS: 1/2 PINT / 236.59 mL

Distributed by:

LAWN AND GARDEN PRODUCTS, INC.

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www.montereylawnngarden.com

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KEEP OUT OF REACH OF CHILDREN CAUTION - PRECAUCIÓN

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.)

For Chemical Spill, Leak, Fire, or Exposure,

Call CHEMTREC (800) 424-9300

For Medical Emergencies Only, Call (877) 325-1840

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION – PRECAUCIÓN: Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- 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.

USER SAFETY RECOMMENDATIONS

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible change into clean clothing.

FIRST AID

**IF ON SKIN
OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS

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

Clopyralid is a chemical which can travel (seep or leach) through soil and under certain conditions contaminate groundwater which may be used for irrigation or drinking purposes. Users are advised not to apply clopyralid where soils have a rapid to very rapid permeability throughout the profile (such as loamy sand to sand) and the water table of an underlying aquifer is shallow, or to soils that would allow direct introduction to an aquifer. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

Notice: Read the entire label. Use only according to label directions. **Before buying or using this product, read the "Warranty Disclaimer and Limitation of Liability" elsewhere on this label.**

In case of emergency endangering health or the environment involving this product, call CHEMTREC (800) 424-9300.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all directions for use carefully before applying.

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.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Entry Restrictions for Non-WPS Uses: For applications to rangeland, pasture (including but not limited to ranchette pastures), do not enter treated areas until sprays have dried. For early entry to treated areas, wear eye protection, chemical-resistant gloves made of any waterproof material, long-sleeved shirt, long pants, shoes and socks.

GENERAL INFORMATION

This product is recommended for selective, postemergence control of broadleaf weeds in rangeland and permanent grass pastures (including but not limited to ranchette pastures).

GENERAL USE PRECAUTIONS

In Arizona: The state of Arizona has not approved this product for use on plants grown for agricultural/commercial production, such as on designated grazing areas.

Do not contaminate irrigation ditches or water used for irrigation or domestic purposes.

Grazing: There are no restrictions on grazing following application of this product at labeled rates.

Do not transfer livestock from treated grazing areas to sensitive broadleaf crop areas without first allowing 7 days of grazing on an untreated pasture. Otherwise, urine may contain enough clopyralid to cause injury to sensitive broadleaf plants.

Avoid Injury to Non-target Plants

This product can affect susceptible broadleaf plants directly through foliar contact and indirectly by root uptake from soil in treated areas. Do not allow spray drift to come in contact with vegetables, flowers, tomatoes, potatoes, beans, lentils, peas, alfalfa, sunflowers, soybeans, safflower, or other desirable broadleaf crops or ornamental plants.

Chemigation: Do not apply this product through any type of irrigation system.

ADVISORY STATEMENTS

Avoid Spray Drift: Avoid spray drift since very small quantities of the spray, which may not be visible, may severely injure susceptible broadleaf plants during active growth or dormant periods.

MIXING INSTRUCTIONS

1. Add ¾ of the required spray volume to the spray tank and start agitation.
2. Add the required amount of this product.
3. Agitate during final filling of the spray tank and maintain sufficient agitation during application to ensure uniformity of the spray mixture.

**BROADLEAF WEED CONTROL
IN RANGELAND AND PERMANENT PASTURES
(Including but not limited to Ranchette Pastures)**

Use this product to control susceptible broadleaf weeds on rangeland areas or established forage grasses in permanent grass pastures. Best results on most weeds are obtained when weeds are small and actively growing (see specific information below).

There are no grazing restrictions following this product's applications when used at labeled rates.

Application Rates

Apply this product at a rate of 1/8 to 1/2 fl. oz. per 1,000 sq. ft. in 2 gallons of water when weeds are young and actively growing. This product may be applied as described below for control of spotted and diffuse knapweed, Canada thistle, musk thistle, yellow starthistle and suppression of Russian knapweed. Use the lower labeled application rate for young, actively growing weeds. The higher rate should be used under less favorable conditions, or on dense weed stands and/or larger weeds.

Weed Species	Rate per 1,000 Sq. Ft.	Application Timing
Spotted & Diffuse Knapweed	¼ to 3/8 fl. oz.	Apply any time plants are actively growing, including fall regrowth. Optimum time is from mid bolt to late bud stage of growth.
Russian Knapweed (suppression)	3/8 to ½ fl. oz.	Apply from bud to mid-flower growth stage or treat fall regrowth.
Canada Thistle	¼ to ½ fl. oz.	Apply after the majority of basal leaves have emerged through the beginning of the bud stage. Treatment may also be applied to fall regrowth.
Musk Thistle	¼ to 3/8 fl. oz.	Apply from rosette to early bolt growth stage.
Yellow Starthistle	3/16 to 3/8 fl. oz.	Apply from rosette to mid-bolt growth stage.

Precautions:

- Some desirable broadleaf plants (forbs) are susceptible to this product. Do not spray pastures containing desirable forbs, especially legumes, unless injury can be tolerated. However, the stand and growth of established perennial grasses is usually improved after treatment, especially if rainfall is adequate for active plant growth and grazing is deferred.
- Grasses are tolerant to this product. But new grass seedlings may be injured to varying degrees until well established as evidenced by development of secondary roots and tillering (multiple stems).
- Do not use hay or straw from treated areas for composting or mulching on susceptible broadleaf crops.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store above 28°F or warm to 40°F and agitate before use.

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

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. 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. Plastic containers are also disposable by incineration, or if allowed by State and local authorities, by burning. If burned stay out of smoke.

WARRANTY DISCLAIMER

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