

# 875 BRUSHKILLER

**Controls Ash, Birch, Brambles, Kudzu, Multiflora Rose, Willow, Dandelion, Chickweed, Knotweed, Plantain, Henbit, Spurge and other species of brush and broadleaf weeds.**

**ACTIVE INGREDIENTS:**

Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid . . . . .	12.55%
Dimethylamine salt of 2,4-dichlorophenoxyacetic acid . . . . .	23.45%
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid) . . . . .	4.24%
<b>INERT INGREDIENTS . . . . .</b>	<b>59.76%</b>
<b>TOTAL</b>	<b>100.00%</b>

**THIS PRODUCT CONTAINS:**

0.96 lb. (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 10.37%.  
 1.81 lb. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 19.49%.  
 0.32 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 3.52%.

Isomer Specific by AOAC Methods.

KEEP FROM FREEZING

**KEEP OUT OF REACH OF CHILDREN  
 DANGER**



**READ THE ENTIRE LABEL FIRST.  
 OBSERVE ALL PRECAUTIONS AND  
 FOLLOW DIRECTIONS CAREFULLY.**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**DANGER:** Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Harmful if absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are natural rubber. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

- All mixers, loaders, applicators and other handlers must wear:
- protective eyewear,
  - long-sleeved shirt and long pants,
  - shoes and socks, plus
  - chemical-resistant gloves and
  - chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

**User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

**User Safety Recommendations**

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

<b>First Aid</b>	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or on clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice. <b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

**Environmental Hazards**

This pesticide may be toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

**DIRECTIONS FOR USE**

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

**GENERAL PRECAUTIONS AND RESTRICTIONS:**

- Do not enter or allow people (or pets) to enter the treated area until sprays have dried.
- 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.
- Not for use on turf grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

**ROADSIDES, DRAINAGE DITCH BANKS,  
 FENCEROWS, RIGHT-OF-WAYS,  
 FARM BUILDINGS AND OTHER SIMILAR  
 NONCROP AREAS:**

**BRUSH & BROADLEAF WEEDS  
 USE PRECAUTIONS**

Do not apply this product through any type of irrigation system. Do not apply when temperature exceeds 85° and humidity is high.

**DIRECTIONS, RESTRICTIONS AND LIMITATIONS FOR USE IN  
 NON-CROPLAND**

Applications to non-cropland areas are not applicable to treatment of commercial timber or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

**Broadcast applications to annual and perennial weeds:** Apply to emerged weeds. For best results, treat when weeds are young and actively growing.

The maximum application rate to general noncropland sites is 1.1 gallon of product per acre per application per site.

When multiple applications of up to 2.0 lb. 2,4-D acid equivalent per acre are utilized to reach the maximum seasonal use rate, do not make a repeat application within 30 days of the previous application.

Minimum spray volume: Use 2 or more gallons of spray solution per acre.

Number of applications: Limited to 2 applications per year.

**Broadcast applications to woody plants:** Apply to trees and brush when foliage is fully expanded and plants are actively growing.

Up to 2.2 gallons of product per acre may be applied in a single application to rights-of-way, including electrical power lines, communication lines, pipelines, highways and railroads that intersect wooded areas or stands of trees, brush and woody plants.

The maximum noncropland application rate for tree, brush and woody plant control is 2.2 gallons of product per acre per application per site. Limited to one application per year.

Target species	Application schedule	Maximum application rate, Gallons of product per acre	Maximum application rate, Pounds of 2,4-D acid equivalent per acre per application	Maximum number of applications per year	Minimum days between applications	Minimum spray volume, Gallons per acre
Annual and perennial weeds	Broadcast	1.1 gal./A	2.0 lb. ae/A	2	30 days	2
Woody plants	Broadcast and high volume foliar	2.2 gal./A	4.0 lb. ae/A	1	NA	See Table 1

**For Backpack Sprayers, Knapsack Sprayers, and Hand-pressurized Pump Sprayers**

Table 1. Instructions for preparing 1 to 3 gallons of spray solution at 0.55 to 2.2% spray concentration with water for high volume foliar applications.				
Gallons of Water	Amount of Product Needed for Spray Concentration of:			
	0.55%	0.74%	1.1%	2.2%
1	4 teaspoons	2 tablespoons	3 tablespoons	6 tablespoons
2	3 tablespoons	4 tablespoons	6 tablespoons	12 tablespoons
3	4 tablespoons	6 tablespoons	4 fl. oz.	8 fl. oz.

Equal measures: 1 fl. oz. = 2 Tablespoons (Tbs.) = 6 Teaspoons (tsp.)

**BRUSH CONTROLLED**

- |              |                 |           |
|--------------|-----------------|-----------|
| Ash          | Cottonwood      | Oak       |
| Aspen        | Dogwood         | Poplar    |
| Birch        | Elm             | Pine      |
| Blackberry   | Gooseberry      | Spruce    |
| Black cherry | Honey locust    | Sycamore  |
| Black locust | Honeysuckle     | Wild plum |
| Brambles     | Kudzu           | Willow    |
| Buckbrush    | Maple           |           |
| Cedar        | Multiflora rose |           |

**FOR USE ON RESIDENTIAL AND OTHER TURF SITES EXCLUDING SOD FARMS:**

**BROADLEAF WEEDS/ORNAMENTAL LAWNS AND TURF (COOL SEASON GRASSES OTHER THAN BENTGRASS): USE PRECAUTIONS**

Do not use on carpetgrass, dichondra, St. Augustinegrass, bentgrass, nor on lawns or turf where desirable clovers are present. Use only lawn-type sprayers. Do not exceed specified dosages for any area. Do not apply to newly seeded grasses until well established. Do not spray when air temperature exceeds 85°. Seed can be sown 3 to 5 weeks after herbicide application.

Maximum control of weeds will be obtained from spring or early fall applications when weeds are actively growing. Avoid spraying during long excessively dry or hot periods unless adequate irrigation is available. Do not irrigate within 24 hours after application.

Do not use this product on or near desirable plants, including contact of spray on exposed root systems or adventitious shoots within the drip line of desirable trees and shrubs, since injury may result.

**APPLICATION RATES:**

Apply 1 to 1.25 fluid ounces in 0.5 to 6 gallons of water per 1,000 square feet. Use higher rates within the specified range when using the higher volume of water per acre.

**Limitations of broadcast treatments for ornamental turfgrass:**

The maximum application rate is 3.5 pints of product per acre per application. The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum seasonal rate is 7.0 pints of product per acre.

**Limitations on spot treatments for ornamental turfgrass:**

Spot treatment is defined as a treatment area no greater than 1,000 sq. ft. per acre. The maximum application rate is 1.25 fl.oz. per 1,000 sq. ft. per application. Do not make a repeat application within 30 days of the previous application.

**WEEDS CONTROLLED:**

- |             |               |                |
|-------------|---------------|----------------|
| Bedstraw    | Kochia        | Sheep sorrel   |
| Bindweed    | Knotweed      | Shepherdspurse |
| Black medic | Lambsquarters | Smartweed      |
| Buckhorn    | Lespedeza     | Speedwell      |
| Burdock     | Mallow        | Spurge         |
| Chicory     | Morningglory  | Sunflower      |
| Chickweed   | Mustard       | Thistles       |
| Clover      | Nettle        | Velvetleaf     |
| Cocklebur   | Peppergrass   | Wild carrot    |
| Dandelion   | Pigweed       | Wild garlic    |
| Dock        | Plantains     | Wild lettuce   |
| Ground ivy  | Poison ivy    | Wild onion     |
| Healall     | Poison oak    | Yarrow         |
| Henbit      | Purslane      |                |
| Jimsonweed  | Ragweed       |                |

**Spray Drift Management**

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of ground application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

**Droplet Size**

Use only Medium or coarser spray nozzles according to ASAE (S 572) definition of standard nozzles or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

**Wind Speed**

Do not apply at wind speeds greater than 10 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind.

**Temperature Inversions**

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

**Susceptible Plants**

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

**Other State and Local Requirements**

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

**Equipment**

All ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep from freezing. Store in original container in a locked storage area inaccessible to children and domestic animals.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse or pressure 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 1/4 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.

OR

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in *Washington Toxics Coalition, et.al. v. EPA*, C01-0132C, (W.D. WA). For further information, please refer to EPA Web Site: <http://www.epa.gov/espp>.

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FOR USE ONLY AS DIRECTED.

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