

13283-19

7-14-2003

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# RAINBOW® WEED KILLER 4031

For General Weed Control Around  
Buried Cable Closures, Telephone Booths, Cross-Connect Boxes, Transformer Pads and Fire Plugs  
Granular Weed Killer

**Active Ingredients:**

Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid) ..... 0.5%

Diruon [3-(3,4-dichlorophenyl)-1,1-dimethylurea] ..... 2.0%

**Other Ingredients** ..... 97.5%

**Total** ..... 100%

Keep Out of Reach of Children  
**CAUTION**

See side panel for additional precautionary statements.

Net Wt. 20 lbs.

**ACCEPTED**  
JUL 14 2003  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, or amended, for the pesticide registered under EPA Reg. No. 13283-19

{Side Panels}

### DIRECTIONS FOR USE

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

**Important:** Do not use on food or feed crops. Do not treat irrigation ditches or water used for crop irrigation or for domestic uses. Do not apply where runoff or irrigation water may flow onto agricultural land as injury to crops may result. Keep from contact with fertilizers, insecticides, fungicides and seeds. Do not apply or rinse 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. Do not use in California.

**General Information:** This herbicide is recommended for general weed control of many annual and perennial grasses and broadleaf weeds on noncropland areas around buried cable closures, telephone booths, cross-connect boxes, transformer pads and fire plugs. Apply this herbicide at any time throughout the year; for maximum effectiveness, apply this product prior to weed emergence or when weeds are small and apply prior to expected rainfall. The degree and duration of control of Kochia and other weed species depends upon the amount of product applied, the amount of rainfall, soil texture and other environmental and biological factors.

**Application Instructions:** Uniformly apply as furnished with a shaker type applicator or with properly calibrated ground equipment, including hand-held spreaders, at a rate of 200 to 300 lbs. product per acre (0.5 to 0.7 lb. product per 100 square feet) [7 ounces product per 75 square feet]. Application equipment is available from Rainbow Technology Corporation.

A preemergent/early postemergent application of this herbicide controls many weed species including the following:

#### Grasses

- |   |   |
|---|---|
| Annual bluegrass ( <i>Poa annua</i> )                   | Johnsongrass ( <i>Sorghum halepense</i> )       |
| Bahiagrass ( <i>Paspalum notatum</i> )                  | Kentucky bluegrass ( <i>Poa pratensis</i> )     |
| Beardgrass ( <i>Andropogon</i> spp.)                    | Lovegrass ( <i>Eragrostis</i> spp.)             |
| Bermudagrass ( <i>Cynodon dactylon</i> )                | Orchardgrass ( <i>Dactylis glomerata</i> )      |
| Big bluestem ( <i>Andropogon gerardi</i> )              | Paragrass ( <i>Brachiaria mutica</i> )          |
| Broadleaf signalgrass ( <i>Brachiaria platyphylla</i> ) | Prarie cordgrass ( <i>Spartina pectinata</i> )  |
| Browntop millet ( <i>Brachiara ramosa</i> )             | Prarie threeawn ( <i>Aristida oligantha</i> )   |
| Canada bluegrass ( <i>Poa compressa</i> )               | Quackgrass ( <i>Agropyron repens</i> )          |
| Cattail ( <i>Typha</i> spp.)                            | Sandbur ( <i>Cenchrus</i> spp.)                 |
| Centipedegrass ( <i>Eremochloa ophiuroides</i> )        | Sand dropseed ( <i>Sporobolus cryptandrus</i> ) |
| Cheat ( <i>Bromus secalinus</i> )                       | Smooth brome ( <i>Bromus inermis</i> )          |
| Crabgrass ( <i>Digitaria</i> spp.)                      | Timothy ( <i>Phleum pratense</i> )              |
| Dallisgrass ( <i>Paspalum dilatatum</i> )               | Torpedograss ( <i>Panicum repens</i> )          |
| Downy brome ( <i>Bromus tectorum</i> )                  | Vaseygrass ( <i>Paspalum urvillei</i> )         |
| Fall panicum ( <i>Panicum dichotomiflorum</i> )         | Wild barley ( <i>Hordeum</i> spp.)              |
| Fescue ( <i>Festuca</i> spp.)                           | Wild iris ( <i>Iris versicolor</i> )            |
| Foxtail ( <i>Setaria</i> spp.)                          | Wild oats ( <i>Avena fatua</i> )                |

Goosegrass (*Eleusine indica*)  
Guineagrass (*Panicum maximum*)  
Italian ryegrass (*Lolium multiflorum*)

Wirestem muhly (*Muhlenbergia frondosa*)  
Witchgrass (*Panicum capillare*)

**Broadleaf Weeds**

Bigleaf aster (*Aster macrophyllas*)  
Blue mustard (*Chorispora tenella*)  
Bull thistle (*Cirsium vulgare*)  
Burdock (*Arctium* spp.)  
Butter cup (*Ranunculus testiculatus*)  
Camphorweed (*Heterotheca subaxillaris*)  
Canada thistle (*Cirsium arvense*)  
Carpetweed (*Mollugo verticillata*)  
Carolina geranium (*Geranium carolinianum*)  
Clover (*Trifolium* spp.)  
Cocklebur (*Xanthium strumarium*)  
Common chickweed (*Stellaria media*)  
Common ragweed (*Ambrosia artemisiifolia*)  
Dandelion (*Taraxacum officinale*)  
Dock (*Rumex* spp.)  
Dogfennel (*Taraxacum officinale*)  
Eclipta (*Eclipta prostrata*)  
Filaree (*Erodium* spp.)  
Fleabane (*Erigeron* spp.)  
Florida beggarweed (*Desmodium tortuosum*)  
Florida pusley (*Richardia scabra*)  
Giant ragweed (*Ambrosia trifida*)  
Hoary vervain (*Verbena stricta*)  
Horseweed (*Conyza canadensis*)  
Indian mustard (*Brassica juncea*)  
Kochia (*Kochia scoparia*)  
Lambsquarters (*Chenopodium album*)  
Lespedeza (*Lespedeza* spp.)  
Little mallow (*Malva parviflora*)  
Milkweed (*Asclepias* spp.)

Miners lettuce (*Montia perfoliata*)  
Mullein (*Verbascum* spp.)  
Nettleleaf goosefoot (*Chenopodium murale*)  
Oxeye daisy (*Chrysanthemum leucanthemum*)  
Pepperweed (*Lepidium* spp.)  
Pigweed (*Amaranthus* spp.)  
Plantain (*Plantago* spp.)  
Poison hemlock (*Conium maculatum*)  
Pokeweed (*Phytolacca maericana*)  
Primrose (*Oenothera kunthiana*)  
Prostrate knotweed (*Polygonum aviculare*)  
Purslane (*Portulaca* spp.)  
Silverleaf nightshade (*Solanum elaeagnifolium*)  
Smartweed (*Polygonum* spp.)  
Sorell (*Rumex* spp.)  
Sowthistle (*Sonchus* spp.)  
Sunflower (*Helianthus* spp.)  
Sweet clover (*Melilotus* spp.)  
Tansymustard (*Descurainia pinnata*)  
Texas thistle (*Cirsium texanum*)  
Western ragweed (*Ambrosia psilostachva*)  
White heath aster (*Aster pilosus*)  
Wild carrot (*Daucus carota*)  
Wild lettuce (*Lactuca* spp.)  
Wild parsnip (*Pastinaca sativa*)  
Wild turnip (*Brassica campestris*)  
Woollyleaf bursage (*Ambrosia grayii*)  
Yellow starthistle (*Centaurea solistitalis*)  
Yellow woodsorrel (*Oxalis stricta*)

**Storage and Disposal**

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

**Storage:** To maximize the shelf life of this product, store in a dry area where the container is not likely to come into contact with moisture. Do not store near fertilizers, seeds, insecticides or fungicides. **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: Plastic:** Triple rinse, or equivalent, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. **Bags:** Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Thoroughly wash with soap and water after handling.

**First Aid**

<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gent 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 Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</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 call 1-800-255-3924 for emergency medical treatment advice.]

{Note: The first aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

**Physical or Chemical Hazards**

Store this herbicide only in lined paper bags, stainless steel, fiberglass, plastic and plastic-lined containers. Do not store in unlined steel (except stainless steel) containers. Keep dry.

**Environmental Hazards**

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

**Notice of Warranty:** Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. In no case shall Rainbow be liable for consequential or special damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Rainbow makes no warranties of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE or any other express or implied warranty except as stated above.

Product No. \_\_\_\_\_  
{Code}

{Logo}

**Packaged By:**  
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Suggestions or Comments?  
1-800-637-6047  
EPA Reg. No. 13283-19      EPA Est. 13283-AL-1

[ ] Denotes alternate/optional language  
{ } Denotes language that that does not appear on the market labeling