

13283-19

7/12/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

JUL 12 2007

Ms. Kim Davis  
Rainbow Technology Corporation  
C/O RegWest Company LLC  
30856 Rocky Road  
Greeley, CO 80631-9375

Subject: Rainbow Weed Killer 4031  
EPA Registration Number 13283-19  
Label dated 4/05/06  
Diuron Reregistration Label Revisions

Dear Ms. Davis:

The labeling referred to above, submitted in connection with reregistration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable, provided you make the following changes before you release the product for shipment.

- 1) Revise the active ingredient name "Diruon" to "Diuron" in the Ingredient Statement section.
- 2) Revise "maximum retreatment interval" to "minimum retreatment interval" on page 1.
- 3) Add the statement "The maximum annual application rate is 12 lbs active ingredient per acre per year." at the end of the subsection "APPLICATION RATE" on page 1.
- 4) On page 3, add the subsection "IF INHALED" after "IF ON SKIN OR CLOTHING" in the section FIRST AID, with the following statements:
  - a. "Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice."
- 5) On page 3, revise the subheading "Storage" to "Pesticide Storage" in the section "STORAGE AND DISPOSAL"
- 6) Revise the PRECAUTIONARY STATEMENTS to the following: "CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Harmful if inhaled. Avoid breathing dust."
- 7) Remove the superscript "2" in the N filter description of the respirator PPE requirements.

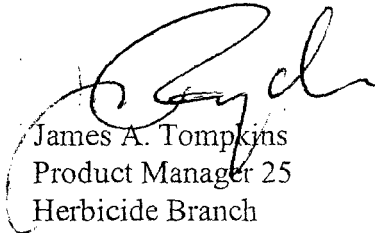
- 8) Revise the ENVIRONMENTAL HAZARDS statements to the following to reflect RED requirements for both active ingredients contained in this product:
  - a. "This product is toxic to plants. Drift and runoff may be hazardous to plants in water adjacent to treated areas. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label. See Directions for Use for additional precautions and requirements.
- 9) Add "To the extent consistent with applicable law," before the following statements in the Notice of Warranty section:
  - a. In no case shall Rainbow be liable for consequential or special damages resulting from the use or handling of this product.
  - b. All such risks shall be assumed by the buyer.
  - c. Rainbow makes no warranties of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE or any other express or implied warranty except as stated above.

Submit one (1) copy of final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling will supercede all previously accepted ones. A stamped copy of labeling is enclosed for your records.

If you have any questions, contact Hope Johnson at 703-305-5410.

Please note: Final product reregistration cannot be considered until after all active ingredients in this product are eligible for reregistration.

Sincerely,



James A. Tompkins  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)

3 8 6

# 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%

<b>Other Ingredients</b> .....	97.5%
<b>Total</b> .....	100.0%

**Keep Out of Reach of Children**

## CAUTION

See side panel for first aid and additional precautionary statements.

Net Wt. 20 lbs. [6 lbs.] [8 oz.]

{Side Panels}

### DIRECTIONS FOR USE

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

ACCEPTED  
 with COMMENTS  
 in EPA Letter Date: **JUL 12 2007**  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, for the pesticide  
 registered under EPA Reg. No.  
 13283-19

### Only for Industrial Use

#### General Precautions and Restrictions

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 enter or allow others to enter until dusts have settled. 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. Application with a spoon or pump-feed/gravity-feed backpack spreader is prohibited. Do not use in California.

This product is a nonselective herbicide for controlling a wide range 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. 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 Rate:** Apply 0.5 to 0.7 pound product per 100 sq. ft. Repeat spot treatment may be required when deep-rooted perennial weeds are present. Maximum rate per application: 1 lb 6 oz. of product per 100 sq. ft. (12 lbs. AI/A diuron) in areas of high rainfall or dense vegetation; 14.7 oz. of product per 100 sq. ft. (8 lbs. AI/A diuron) in all other areas. Apply a maximum of 2 applications per year with a maximum retreatment interval of 90 days.

**How to Apply:** Apply, as furnished, with a shaker-type applicator or with equipment that will uniformly distribute the product over the area to be treated. Application equipment is available from Rainbow Technology Corporation.

**When to Apply:** To obtain best results, apply to the ground where product will be absorbed by the roots. 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.

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

**Grasses**

Annual bluegrass (*Poa annua*)  
 Bahiagrass (*Paspalum notatum*)  
 Beardgrass (*Andropogon* spp.)  
 Bermudagrass (*Cynodon dactylon*)  
 Big bluestem (*Andropogon gerardi*)  
 Broadleaf signalgrass (*Brachiaria platyphylla*)  
 Browntop millet (*Brachiaria ramosa*)  
 Canada bluegrass (*Poa compressa*)  
 Cattail (*Typha* spp.)  
 Centipedegrass (*Eremochloa ophiuroides*)  
 Cheat (*Bromus secalinus*)  
 Crabgrass (*Digitaria* spp.)  
 Dallisgrass (*Paspalum dilatatum*)  
 Downy brome (*Bromus tectorum*)  
 Fall panicum (*Panicum dichotomiflorum*)  
 Fescue (*Festuca* spp.)  
 Foxtail (*Setaria* spp.)  
 Goosegrass (*Eleusine indica*)  
 Guineagrass (*Panicum maximum*)  
 Italian ryegrass (*Lolium multiflorum*)

Johnsongrass (*Sorghum halepense*)  
 Kentucky bluegrass (*Poa pratensis*)  
 Lovegrass (*Eragrostis* spp.)  
 Orchardgrass (*Dactylis glomerata*)  
 Paragrass (*Brachiaria mutica*)  
 Prarie cordgrass (*Spartina pectinata*)  
 Prarie threeawn (*Aristida oligantha*)  
 Quackgrass (*Agropyron repens*)  
 Sandbur (*Cenchrus* spp.)  
 Sand dropseed (*Sporobolus cryptandrus*)  
 Smooth brome (*Bromus inermis*)  
 Timothy (*Phleum pratense*)  
 Torpedograss (*Panicum repens*)  
 Vaseygrass (*Paspalum urvillei*)  
 Wild barley (*Hordeum* spp.)  
 Wild iris (*Iris versicolor*)  
 Wild oats (*Avena fatua*)  
 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 maericanana*)  
 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*)  
 Woolyleaf bursage (*Ambrosia grayii*)  
 Yellow starthistle (*Centaurea solstitialis*)  
 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. 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. **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.

**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>
<p>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.]</p>	

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

**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.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are butyl rubber > 14 mils, nitrile rubber > 14 mils or neoprene rubber > 14 mils. If you want more options follow the instructions for category C on an EPA chemical-resistance category selection chart. Loaders, applicators and other handlers must wear: Long-sleeved shirt and long pants; chemical resistant gloves; and shoes plus socks. In addition, all loaders must wear a NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any N<sup>2</sup>, R, P or HE filter. 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.

**User Safety Recommendations**

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

**Environmental Hazards**

For terrestrial uses: 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 disposing of equipment washwaters or rinsate. Apply this product only as specified on this label.

**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}

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{Logo}  
Made in the USA  
**Sold [Manufactured] By:**  
**© Rainbow Technology Corporation**  
261 Cahaba Valley Parkway  
Pelham, AL 35124  
Comments or Suggestions?  
1.800.637.6047 [www.rainbowtech.net](http://www.rainbowtech.net)  
**EPA Reg. No. 13283-19**  
**EPA Est. 13283-AL-1<sup>A</sup>, 82013-AL-1<sup>B</sup>**  
Superscript matches code on the bag

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Rainbow Technology Corporation  
Supports  
Workshops, Inc.  
A UNITED WAY AGENCY

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