

13283-19

2/7/2011

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mary Beth Endres  
Agency for Rainbow Technology Corporation  
c/o RegWest Company, LLC  
8203 West 20<sup>th</sup> Street, Suite A  
Greeley, CO 80634

FEB 7 2011

Dear Ms. Endres:

Subject: Labeling Amendment; Storage & Disposal Statements and Restrictions Subheading  
Rainbow Weed Killer 4031  
EPA Registration No. 13283-19  
Submission Date: February 7, 2011

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment. If you have any questions regarding this label, please contact me at (703) 306-0415 or [davis.kable@epa.gov](mailto:davis.kable@epa.gov).

Sincerely yours,

A handwritten signature in black ink, appearing to read "Kable Bo Davis", written over a horizontal line.

Kable Bo Davis  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)

Enclosure- Stamped Labeling

2066

# 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 (CAS No. 81334-34-1) .....	0.5%
Diuron (CAS No. 330-54-1) .....	2.0%
<b>Other Ingredients</b> .....	<b>97.5%</b>
<b>Total</b> .....	<b>100.0%</b>

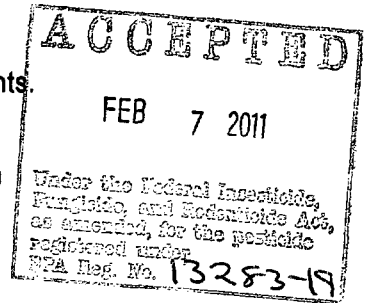
Keep Out of Reach of Children  
**CAUTION**

See side panel for First Aid and additional Precautionary Statements.

EPA Reg. No. 13283-19

EPA Est. \_\_\_\_\_  
Superscript matches code on the bag

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



{Side Panels}

### First Aid

<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 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>
<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 further 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.}*

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**CAUTION:** Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Harmful if inhaled. Avoid breathing dust.

**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, R, P or HE filter.

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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**

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.

**DIRECTIONS FOR USE**

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

**Only for Industrial Use  
Product 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 minimum retreatment interval of 90 days. The maximum annual application rate is 12 lbs active ingredient per acre per year.

**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 ( <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 gerardii</i> )	Paragrass ( <i>Brachiaria mutica</i> )
Broadleaf signalgrass ( <i>Brachiaria platyphylla</i> )	Prairie cordgrass ( <i>Spartina pectinata</i> )
Browntop millet ( <i>Brachiara ramosa</i> )	Prairie 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 ( <i>Eleusine indica</i> )	Wirestem muhly ( <i>Muhlenbergia frondosa</i> )
Guineagrass ( <i>Panicum maximum</i> )	Witchgrass ( <i>Panicum capillare</i> )
Italian ryegrass ( <i>Lolium multiflorum</i> )	

Weeds Broadleaf	
Bigleaf aster ( <i>Aster macrophyllas</i> )	Miners lettuce ( <i>Montia perfoliata</i> )
Blue mustard ( <i>Chorispora tenella</i> )	Mullein ( <i>Verbascum</i> spp.)
Bull thistle ( <i>Cirsium vulgare</i> )	Nettleleaf goosefoot ( <i>Chenopodium murale</i> )
Burdock ( <i>Arctium</i> spp.)	Oxeye daisy ( <i>Chrysanthemum leucanthemum</i> )
Butter cup ( <i>Ranunculus testiculatus</i> )	Pepperweed ( <i>Lepidium</i> spp.)
Camphorweed ( <i>Heterotheca subaxillaris</i> )	Pigweed ( <i>Amaranthus</i> spp.)
Canada thistle ( <i>Cirsium arvense</i> )	Plantain ( <i>Plantago</i> spp.)
Carpetweed ( <i>Mollugo verticillata</i> )	Poison hemlock ( <i>Conium maculatum</i> )
Carolina geranium ( <i>Geranium carolinianum</i> )	Pokeweed ( <i>Phytolacca maericana</i> )
Clover ( <i>Trifolium</i> spp.)	Primrose ( <i>Oenothera kunthiana</i> )
Cocklebur ( <i>Xanthium strumarium</i> )	Prostrate knotweed ( <i>Polygonum aviculare</i> )
Common chickweed ( <i>Stellaria media</i> )	Purslane ( <i>Portulaca</i> spp.)
Common ragweed ( <i>Ambrosia artemisiifolia</i> )	Silverleaf nightshade ( <i>Solanum elaeagnifolium</i> )

Weeds Broadleaf	
Dandelion ( <i>Taraxacum officinale</i> )	Smartweed ( <i>Polygonum</i> spp.)
Dock ( <i>Rumex</i> spp.)	Sorell ( <i>Rumex</i> spp.)
Dogfennel ( <i>Taraxacum officinale</i> )	Sowthistle ( <i>Sonchus</i> spp.)
Eclipta ( <i>Eclipta prostrata</i> )	Sunflower ( <i>Helianthus</i> spp.)
Filaree ( <i>Erodium</i> spp.)	Sweet clover ( <i>Melilotus</i> spp.)
Fleabane ( <i>Erigeron</i> spp.)	Tansymustard ( <i>Descurainia pinnata</i> )
Florida beggarweed ( <i>Desmodium tortuosum</i> )	Texas thistle ( <i>Cirsium texanum</i> )
Florida pusley ( <i>Richardia scabra</i> )	Western ragweed ( <i>Ambrosia psilostachva</i> )
Giant ragweed ( <i>Ambrosia trifida</i> )	White heath aster ( <i>Aster pilosus</i> )
Hoary vervain ( <i>Verbena stricta</i> )	Wild carrot ( <i>Daucus carota</i> )
Horseweed ( <i>Conyza canadensis</i> )	Wild lettuce ( <i>Lactuca</i> spp.)
Indian mustard ( <i>Brassica juncea</i> )	Wild parsnip ( <i>Pastinaca sativa</i> )
Kochia ( <i>Kochia scoparia</i> )	Wild turnip ( <i>Brassica campestris</i> )
Lambsquarters ( <i>Chenopodium album</i> )	Woolyleaf bursage ( <i>Ambrosia grayii</i> )
Lespedeza ( <i>Lespedeza</i> spp.)	Yellow starthistle ( <i>Centaurea solistitialis</i> )
Little mallow ( <i>Malva parviflora</i> )	Yellow woodsorrel ( <i>Oxalis stricta</i> )
Milkweed ( <i>Asclepias</i> spp.)	

{For rigid non-refillable containers for non-dilutable product}

### Storage and Disposal

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

**Pesticide 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 must be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Non-refillable container, do not reuse or refill this container. Completely empty container by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

{For non-refillable bags for granular or dry formulations}

### Storage and Disposal

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

**Pesticide 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 must be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Non-refillable container; do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or dispose of empty bag in a sanitary landfill.

{Per PR Notice 2007-4 the batch code/lot number will appear on the label or container.}

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**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. To the extent consistent with applicable law, in no case shall Rainbow be liable for consequential or special damages resulting from the use or handling of this product. To the extent consistent with applicable law, all such risks shall be assumed by the buyer. To the extent consistent with applicable law, 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}



Sold [Manufactured] By:



**© Rainbow Technology Corporation**  
261 Cahaba Valley Parkway  
Pelham, AL 35124  
Comments or Suggestions?  
1.800.637.6047

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