

13283-18

3/9/2011

lot 5



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Kim Davis  
Rainbow Technology Corporation  
c/o RegWest Company, LLC  
8203 West 20<sup>th</sup> Street, Suite A  
Greeley, CO 80634

MAR 9 2011

Dear Ms. Davis:

Subject: Labeling Amendment; General Revisions  
Rainbow Weed Killer 4037  
EPA Registration No. 13283-18  
Submission Date: December 3, 2010

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 Label

**ACCEPTED**  
MAR 9 2011  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 13283-18

# Rainbow® Weed Killer 4037



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

**Active Ingredients:**

Tebuthiuron: N-(5-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl)-N,N'-dimethylurea .....	2%
Diruon [3-(3,4-dichlorophenyl)-1,1-dimethylurea] .....	6%
<b>Other Ingredients</b> .....	<b>92%</b>
<b>Total</b> .....	<b>100%</b>

Rainbow Weed Killer 4037 contains a total of 8% for the active ingredients, tebuthiuron and diruon.

**Keep Out of Reach of Children**  
**CAUTION**  
See side panel for First Aid and additional Precautionary Statements.

**Net Wt. 40 lbs [6 lbs] [8 oz]**

*{Side Panels}*

### First Aid

<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 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 Swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor 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 a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</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 & Domestic Animals

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

#### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on the EPA chemical-resistance category selection chart. Loaders, applicators and other handlers must wear: Long-sleeved shirt and long pants; shoes plus socks; and chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinylchloride. In addition, applicators using tractor

drawn spreaders and all loaders must wear a NIOSH-approved particulate filtering respirator equipped with N, R, or P class filter media. The respirator should have a NIOSH approval number prefix TC-84A. It is recommended that you require the respirator wearer to be fit tested, and trained in the use, maintenance, and limitations of the respirator. 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. In case of spills, collect, cover or incorporate granules/pellets spilled on the soil surfaces to prevent contamination of water. Apply this product only as specified on this label.

**Ground Water Advisory**

This product is known to leach through soil into ground water under certain conditions as a result of registered (rangeland and non-crop) uses. Use of this product in areas where soils have rapid to very rapid permeability, particularly where the water table is shallow, may result in ground water contamination.

**DIRECTIONS FOR USE**

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

**NON-CROP WEED CONTROL**

**Intended only for Industrial Use around Buried Cable Closures, Telephone Booths, Cross-Connect Boxes, Transformer Pads and Fire Plugs.**

For vegetation control by broadcast (ground equipment) and banded applications.

**Precautions and Restrictions**

Do not apply by air. Apply this product only by ground application. Do not apply on or near desirable woody or herbaceous plants or on areas where their roots may extend because of possible injury to such plants. Do not use on croplands or any land to be used for subsequent cropping. Do not contaminate irrigation ditches or water used for domestic purposes. Except for protected applicator, do not allow others to enter treated areas until the 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. Keep animals off treated areas. Application with a spoon or pump-feed backpack spreader or a gravity-feed backpack spreader is prohibited. Do not re-use this container. Destroy when empty. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.

This product is a nonselective herbicide for controlling a wide range of annual and perennial weeds and grasses. Use only for general weed control on non-cropland areas around buried cable closures, telephone booths, cross-connect boxes, transformer pads and fireplugs. 3.67 oz. to 7.34 oz. applications per 100 square feet of this product usually results in a non-productive condition of the soil for a period of a year or more. The duration of non-productivity is dependent upon rainfall, soil type and other conditions.

The maximum label rate and frequency of application is 3.67 oz. of product per 100 square feet once every 3 years for vulnerable areas (where soils are sandy and depth of water table is shallow). For all other areas, the maximum

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use rate and frequency of application is up to 7.34 oz of product per 100 square feet applied only once per year; however, no more than 10 oz. per 100 square feet may be applied in any 3-year period.

**Application Rate:** For the control of annual and most perennial weeds and grasses, apply this product at the rate of 3.67 to 7.34 oz. per 100 square feet. Repeat spot treatment may be required when deep-rooted perennial weeds are present. Maximum rate per application: 7.34 oz. of product per 100 sq. ft. (12 lbs. A/A diuron) in areas of high rainfall or dense vegetation; 4.9 oz. of product per 100 sq. ft. (8 lbs. A/A diuron) in all other areas. Apply a maximum of 2 applications per year with a minimum retreatment interval of 90 days.

**Spot treatments (hand-held equipment):** This product may be applied at rates up to the equivalency 7.34 oz. per 100 square feet when needed.

**How to Apply:** Apply this product as furnished with a seed spreader, fertilizer spreader, shaker-type applicator or any equipment which will distribute the chemical uniformly over the area to be treated. Thoroughly clean spreading equipment with a suitable chemical cleaner before using for other purposes (or do not use same spreading equipment for other purposes). Application equipment is available from Rainbow Technology Corporation.

**When to Apply:** To obtain the best results, apply this product to the ground where it will be absorbed by the roots. Applications made early in the season have been found to give results superior to applications at a later seasonal date. This product may, however, be applied at any time of the year, except when the ground is frozen. Maximum effectiveness in arid regions is obtained when application is made just prior to the rainy season. Consult state agricultural experimental stations or extension service weed specialists for recommendations as to use in your particular area.

**Use Restrictions for Ground Water Protection: Vulnerable Sites:** To minimize any movement of tebuthiuron to subsurface water, do not exceed the application rates specified above on treatment sites where soils have a sandy or loamy sand texture throughout the soil profile and all of the following characteristics: 1) Rapid to very rapid permeability; 2) Absence of well-defined organic layers or a textural B-horizon (restricting layer of fine-textured soil); 3) The water table of an underlying aquifer is shallow.

An aquifer is defined as an "underground saturated, permeable geologic formation capable of producing significant quantities of water to a well or spring." It is the ability of the saturated zone, or portion of that zone, to yield water which makes it an aquifer (American Chemical Society, 1983). Local agricultural agencies can provide further information on the type of soil in your area and the location of shallow ground water aquifers.

Do not apply this product in areas where the water table is predominately shallow (5 feet or less), such as marshy or sub-irrigated areas, or areas immediately adjacent to streams or lakes which are periodically flooded, unless such use is allowed under a state-approved pesticide management program. **Note:** Also on such areas, woody plants rooted directly in a shallow water table are minimally affected by applications of tebuthiuron and poor woody plant control will result.

Do not apply this product within the areas identified by state or local authorities as protected ground water recharge zones.

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

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

5095

**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 bag [container] is not likely to come in 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:** 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 bag [container] is not likely to come in 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:** 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.}*

**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: a) Rainbow shall not be liable for consequential or special damages resulting from the use or handling of this product; the buyer assumes all such risks; and b) 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}

Made in the USA  
Manufactured [Sold] by:

**©Rainbow Technology Corporation**

261 Cahaba Valley Parkway  
Pelham, AL 35124

Comments or Suggestions?  
1.800.637.6047

**EPA Reg. No. 13283-18**  
**EPA Est. 13283-AL-1<sup>A</sup>, 82013-AL-1<sup>B</sup>**  
**Superscript matches code on the bag**

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