



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Rainbow Technology Corporation
261 Cahaba Valley Parkway
Pelham, AL 35124

7-9-07

Subject: 13283-21/ Rainbow Weed Killer 4049 Diuron RED Label Amendment

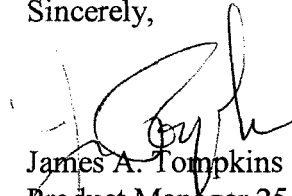
The amended label is acceptable provided you make the following changes:

1. To the label add a Non-Agricultural Use Requirements Box and the appropriate accompanying language.
2. To the Storage and Disposal section change "Storage" to "Pesticide Storage".
3. Delete "It is recommended" from the label.
4. To the label add "The maximum rate and frequency of application is 1-2 lbs AI of Tebuthiuron/A once every three years for vulnerable areas (where soils are sandy and depth to water table is shallow) as identified in the specific soil series labeling supplement. For all other areas, may be applied one time in a 3 year period at rates up to 4 lb. AI Tebuthiuron/A; no more than 6 lb. AI Tebuthiuron/A may be applied in two consecutive treatments in any 6 year period. Spot treatments (hand held equipment). May be applied at rates up to the equivalency of 6 lb. AI/A when needed.". Remove all other contradictory language and application rate in excess of the rates and language above.
5. To the label clarify between "pounds of product" and "pounds of AI" and distinguish between the two AIs.
6. To the Environmental Hazards statement add "In case of spills, collect, cover or incorporate granules/pellets spilled on the soil surfaces to prevent contamination to water.".
7. Change the respirator text in the PPE section to "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 be fit tested, and trained in the use, maintenance, and limitations of the respirator.".

2 8 5

Amended labeling will supercede all previous accepted ones. A stamped copy of labeling is enclosed for your records. Submit one (1) copy of final printed labeling before you release the product for shipment. If you have any questions please call Erik Kraft at 703-308-9358.

Sincerely,



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

3 8 5

XXXXX = addition; XXXXX = deletion

Rainbow® Weed Killer 4049

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

Other Ingredients 96%
Total 100%

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.]

ACCEPTED W/CANND

7-9-07

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

{Side Panels}

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

Only for Industrial Use

13283-21

General Precautions and Restrictions

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 use in any recreational areas or in or around homes. Do not use to treat berms of ditches, seasonally dry flood plains, deltas, marshes, swamps, bogs and/or transitional areas between upland and lowland sites. Do not contaminate irrigation ditches or water used for domestic purposes. Do not enter or 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/gravity-feed backpack spreader is prohibited.

This product is a nonselective herbicide for controlling a wide range of annual and perennial weeds and grasses. **It is recommended** Use only for general weed control on non-cropland areas around buried cable closures, telephone booths, cross-connect boxes, transformer pads and fire plugs. The duration of nonproductivity is dependent upon rainfall, soil type and other conditions.

Apply this product as furnished with a shaker type applicator or with any hand-held equipment that will distribute the chemical uniformly over the area to be treated. Application equipment is available from Rainbow Technology Corporation.

Application Rate: For the control of annual and most perennial weeds and grasses, apply this product at the rate of **150 to 400 pounds per acre; on smaller plots, 0.35 to 1 pound per 100 square feet [2 to 6.4 ounces product per 40 sq. ft.]. Repeat spot treatment may be required when deep-rooted perennial weeds are present. Maximum rate per application: 14.7 oz. of product per 100 sq. ft. (12 lbs. AI/A diuron) in areas of high rainfall or dense vegetation; 9.8 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 treatment interval of 90 days. To obtain the best results, apply this product to the ground where it will be absorbed by the roots.**

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 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.

Important: 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. Thoroughly clean spreading equipment with a suitable chemical cleaner before using for other purposes (or do not use same spreading equipment for other purposes). Do not contaminate irrigation ditches or water used for domestic purposes. Do not use on croplands or any land to be used for subsequent cropping. Keep animals off treated areas.

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 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: 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

If on Skin or Clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in Eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

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: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. 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 N², 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.

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks and waterproof gloves.

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.

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.

Use Restrictions for Ground Water Protection: Vulnerable Sites: To minimize any movement of tebuthiuron to subsurface water, do not exceed the application rates specified below 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.

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}

Packaged By:
THE HANDICAPPED
For
Rainbow Technology Corporation United Way
Supports {Logo}
Workshops, Inc.
A UNITED WAY AGENCY

{Logo}
Made in the USA
Manufactured [Sold] by:
©Rainbow Technology Corporation
261 Cahaba Valley Parkway
Pelham, AL 35124
Comments or Suggestions **or Comments?**
1.800.637.6047 www.rainbowtech.net
EPA Reg. No. 13283-21
EPA Est. 13283-AL-1^A, 82013-AL-1^B
Superscript matches code on the bag

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