



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Russell F. Sawyer  
Riverdale- A Nufarm Company  
1333 Burr Ridge Parkway, Suite 125A  
Burr Ridge, IL 60527-0866

OCT 18 2004

Subject: Label Amendment  
EPA Reg. No.: 228-236/DiBro 4 + 4

Dear Mr. Sawyer:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended has been compared with the dibrom reregistration requirements for this product, and the label is acceptable provided you make the following label changes.

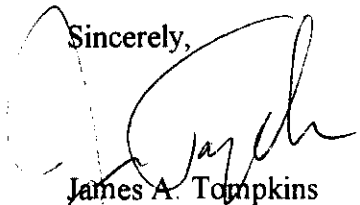
1. Revisions are needed to the "First Aid" statements, including the following:
  - A. IF SWALLOWED:
    - Call a poison control center or doctor immediately for treatment advice.
    - Have person sip a glass of water if able to swallow.
    - Do not induce vomiting unless told to do so by a poison control center or doctor.
    - Do not give anything by mouth to an unconscious person.
  - B. It is recommended that the following hotline information should be added to the label:
    - For additional information in case of emergency call toll free (Telephone #).
  - C. The heading "First Aid" should be placed in a box.
2. The "Hazards to Humans and Domestic Animals" statements must be modified to the following:
  - A. CAUTION
    - Harmful if swallowed.
    - Harmful if absorbed through the skin.
    - Causes moderate eye irritation.
    - Avoid contact with skin, eyes, or clothing.
3. A "PPE" statement must be added to the label including the following:
  - A. Personal Protective Equipment (PPE):
    - Applicators and other handlers must wear:
      - Long-sleeved shirt and long pants,
      - Socks and shoes, and

-Chemical resistant gloves made of any waterproof material.

4. It is recommended that the following text be added to the label:
  - A. 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.
  
5. It is recommended that the following “User Safety Recommendations” text be added to the label:
  - A. User Safety Recommendations
    - Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
    - Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
    - Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
  
6. Revisions are needed to the “Directions for Use” statements, including the following:
  - A. The following text must be added following the Non-Crop Weed Control- Industrial Use Only section and the IMPORTANT: (Not for Residential Use) section:
    - Entry Restriction
      - Do not enter or allow others to enter the treated area until dust has settled.
    - Application Restriction
      - 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.
    - Not to be used in any recreational areas or in or around homes.
  
7. The following text should be placed directly under the “Storage and Disposal” heading:
  - A. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.
  
8. Add “Pesticide” to the sub-heading “Storage” to read “Pesticide Storage”.
  
9. Reduce the application rate to a maximum of 300 pounds of product per acre per year.

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 contact Erik Kraft at 703-308-9358.

Sincerely,



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

RIVERDALE®

DiBro™ 5 + 4

Granular Weed Killer

CONTAINS DIURON & BROMACIL

ACTIVE INGREDIENTS:

Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea]	5%
Bromacil (5-bromo-3- <del>sec</del> -butyl-6-methyluracil)*	4%
INERT INGREDIENTS:	91%
TOTAL	100%

\*U.S. Patents 3,235,357 & 3,352,862

DiBro is a Trademark of Riverdale - A Nufarm Company  
Riverdale is a Registered Trademark of Riverdale - A Nufarm Company

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR FIRST AID  
AND ADDITIONAL PRECAUTIONARY STATEMENTS

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

OCT 18 2004  
228-236

NET WEIGHT LBS.

EPA REG. NO. 228-236

EPA EST. NO. 228-IL-1

MANUFACTURED BY NUFARM AMERICAS, INC., BURR RIDGE, ILLINOIS 60527-0866

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

8002 h2 914  
AUG 24 2003

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

228-236

(Rear Panel)

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

May irritate eyes, nose, throat and skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

**FIRST AID STATEMENT**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 to 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.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or 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.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

**NON-CROP WEED CONTROL - INDUSTRIAL USE ONLY**

DiBro 5 + 4 Granular is a non-selective granular herbicide for controlling a wide range of annual and perennial weeds and grasses. It is recommended only for non-cropland areas such as rights-of-way for pipeline, utility, highway, and railroads; and industrial areas such as airports, petroleum tank farms, lumberyards, and plant sites. 100 to 200 pound applications of DiBro 5 + 4 Granular per acre usually result 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.

DiBro 5 + 4 Granular should be applied as furnished with a seed spreader, a fertilizer spreader, a shaker-type applicator, or with any equipment which will distribute the chemical uniformly over the area to be treated. For the control of annual and most perennial weeds and grasses, apply DiBro 5 + 4 Granular at the rate of 100 to 200 pounds per acre; up to 400 pounds per acre may be required when longer period of control is desired where hard-to-kill, deep rooted perennial weeds such as johnsongrass are present; on smaller plots apply 1 pound per 100 square feet. Repeat spot treatment may be required when deep-rooted perennial weeds are present. To obtain best results, DiBro 5 + 4 Granular should be applied 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. DiBro 5 + 4 may, however, be applied at any time of the year. Maximum effectiveness in arid regions is obtained when application is made just prior to the rainy season. Users should consult State Agricultural Experiment Station or Extension Service weed specialist for recommendations as to use in their particular area.

**IMPORTANT:** Do not apply on or near valuable 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 use on croplands or any land to be used for subsequent cropping. Keep animals off treated areas.

#### STORAGE AND DISPOSAL

**STORAGE:** Always store pesticides in a secured warehouse or storage building. Do not store near open containers of fertilizer, seed or other pesticides. Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.

**PESTICIDE DISPOSAL:** Open dumping is prohibited. Waste or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state or local procedures. Place in a closed, labeled container for proper disposal.

**CONTAINER DISPOSAL:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. The dispose of liner and drum in a sanitary landfill or by incineration if allowed by state and local authorities.

#### NOTICE OF WARRANTY

Seller warrants that this product conforms to the chemical description on the label there of and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the seller. In no case shall the seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Seller makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

(RV 051503)

#### ALTERNATE MARKETING STATEMENTS

Diuron and Bromacil Weed Killer

Granular Control of Weeds and Grasses in Non-Crop and Industrial Areas