

3468-47

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 10 1995

Richard R. Brumfield
Schall Chemical Supply, L.L.C.
120 North Broadway
Monte Vista, CO 81144

Dear Mr. Brumfield:

Subject: Revised Labeling - Delete Reference to Specific States
and Delete Redundant Statements
Bantrol
EPA Registration No. 3468-47
Your Submission Dated June 22, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

- 1) Make the following changes to the Ingredients statement:
 - a) Add a parenthesis after "3,6-dichloro-o-anisic acid".
 - b) "Dimethylamine Salt of related acids" should be aligned to the same margin as the other active ingredients.
 - c) The equivalency statements should be removed from within the Ingredients statement. They should appear as a substatement directly below the Ingredients statement.
- 2) Due to new EPA policy, part of the Environmental Hazards section has been changed. To comply, change the sentence "Do not apply to water or wetlands (swamps, bogs, marshes and potholes)" to read "Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."
- 3) Revise the word "CAUTION" that appears in connection with the Environmental Hazards. Although the word "CAUTION" in this section agrees with the signal word in this case, it is still inconsistent with Agency policy that this heading be reserved for the signal word only. It may be replaced with a word such as "PRECAUTION" or "NOTE" that may draw the user's attention but would not be confused with a toxicity category.

DK: 305-7546-FHB/PM23		CONCURRENCES					
SYMBOL	N2505C						
SURNAME	D. KENNY						
DATE	7/10/95						

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- 4) Rewrite the Pesticide Disposal statement to read "Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance."
- 5) Since no directions are given for an emergency treatment to barley, oats, and wheat, delete the statement "Do not feed treated straw to livestock if an emergency treatment is applied" that currently appears in that section.
- 6) Since there is a different time period specified for grazing dairy cattle in pastures and rangelands, delete "dairy animals" from the restriction regarding meat animals to be finished for slaughter within this section.

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the referenced label, incorporating the above changes, before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

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**PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

CAUSES IRRITATION OF EYES AND SKIN. DO NOT GET IN EYES, AVOID CONTACT WITH SKIN AND CLOTHING, HARMFUL IF SWALLOWED.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

Do not store near food, fertilizer or seeds.

Do not contaminate water used for irrigation, domestic or spray purposes.

Keep containers closed when not in use, and do not re-use for other purposes.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters. Most cases of groundwater contamination involving phenoxy herbicides such as 2, 4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2, 4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

CAUTION - Extreme care must be used when applying Bantrol to prevent injuring desirable plants and crops. Bantrol should not be used in susceptible crops such as cotton, tomatoes, vegetables, grapes, fruit trees, soybeans, tobacco or beans. Do not allow spray mist to drift onto such plants since even minute quantities of spray may cause severe injury. Use low pressures when spraying to produce coarse sprays which are less likely to drift.

Do not apply directly to water.

Do not use in greenhouses.

Large amount of Bantrol in the soil may temporarily inhibit seed germination.

Do not use in any manner other than recommended on the label to avoid possible crop injury or residues at harvest.

PHYSICAL AND CHEMICAL HAZARDS

Store above 25° F to keep from freezing.

If allowed to freeze, warm to 70° F and redissolve before using by rolling or shaking the container.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

BANTROL

ACTIVE INGREDIENTS:

- * Dimethylamine Salt of dicamba (3, 6-dichloro-o-anisic acid) 12.25%
- Dimethylamine Salt of related acids 1.97%
- **Dimethylamine Salt of 2, 4-Dichlorophenoxyacetic Acid 24.40%
- * Equivalent to 10.15% 3, 6-dichloro-o-anisic acid.
- **Equivalent to 20.3% 2, 4-dichlorophenoxyacetic acid.
- INERT INGREDIENTS 61.38%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

HARMFUL IF SWALLOWED
AVOID CONTACT WITH SKIN, EYES OR CLOTHING
AVOID BREATHING VAPORS
STATEMENT OF PRACTICAL TREATMENT

External: For Skin - Wash with mild soap and water. Rinse with fresh water.
For Eyes: - Rinse eye with water for at least 15 minutes. Get medical aid.
Internal: If Swallowed - Drink one or two glasses of water and induce vomiting by touching the back of the throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.
If inhaled - Remove victim to fresh air. Apply respiration if necessary.
See Left Panel For Additional Cautions.

EPA REG. NO. 3468-47

EPA EST. NO. 3468-CO-1

Net Contents _____ Gallons

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUL 10 1995

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

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AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

POURING: Containers less than 5 gallon capacity - persons engaged in open pouring of this product must also wear coveralls or a chemical-resistant apron.
Containers 5 gallons or greater in capacity - Do not open pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Storage: Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust or equivalent material for disposal.

Pesticide Disposal: Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust or equivalent material for disposal.

Container Disposal: Plastic or Metal: After triple rinsing (or equivalent), offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.

General: Consult Federal, State or local disposal authorities for approved alternative procedures.

To minimize Bantrol spray drift onto potatoes and other sensitive crops, the following suggestions are given.

1. Use coarse sprays by decreasing the spray pressure below 20 p.s.i.
2. Spray with the nozzles as close to the weeds as is practical for good coverage.
3. Do not spray when wind is over 5 miles per hour.
4. If any wind is blowing in the direction of the potato field, do not spray.

For ground equipment use 10 to 20 gallons of water per acre when treating broadleaf weeds and for top growth control of perennial broadleaf weeds. For maximum control of perennial broadleaf weeds use 100 gallons or more per acre.

For airplane application use a total spray volume of 3 or more gallons per acre.

BARLEY, OATS, WHEAT (not underseeded to legumes) for the control of Canada Thistle (seeding or top growth), Lambsquarter, Pigweed, Ragweed, Smartweed, Sowthistle (annual), Wild Buckwheat, use 1 pint per acre. Apply as a foliar spray after grain begins tillering and before boot stage (usually 4 to 8 inches tall). Apply when weeds are actively growing. Do not use on Fall Seeded Barley in California or Arizona.

Do not permit dairy animals or meat animals being finished for slaughter to forage treated grain fields within 2 weeks after treatment. Do not feed treated straw to livestock if an emergency treatment is applied.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not allow people (other than the applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried or dust has settled.

FASTURE and RANGELAND GRASSES and NONCROPLANDS, such as fencerows, roadways and wastelands. For the control of Wild Buckwheat, Annual Clover, Lambsquarters, Mustard, Redroot Pigweed, Common Ragweed, Rabbitbrush and Sunflower use 2 pints Bantrol per acre. Curly dock, Kochia, Morningglory (annual), Puncturevine and Shepherdspurse use 2 quarts of Bantrol per acre. Top Growth Control of Canada Thistle, Russian Thistle, Field Bindweed, Black Knapweed, Russian Knapweed, Leafy Spurge and Perennial Sowthistle use 2 quarts per acre. Clover, Wild Garlic, Goldenrod, Poverty Weed and Sowthistle use 1 gallon per acre. For control or suppression of listed weeds, apply Bantrol when weeds are actively growing. Do not apply when grass is in boot to milk stage. Do not apply to newly seeded areas or after heading begins.

For ground equipment use 10-20 gallons of water per acre when treating annual broadleaf weeds and for top growth control of perennial broadleaf weeds. For maximum control of perennial broadleaf weeds use 100 gallons or more of water per acre. Do not use this mixture on Bent, susceptible grass pasture and clover and alfalfa pastures.

Do not graze dairy cattle in treated area for 7 days after application.

Do not cut forage for hay within 30 days of application.

Do not permit dairy animals or meat animals being finished for slaughter to forage treated fields within 3 days of slaughter.

NOTICE: Seller's guarantee shall be limited to the terms of the label and subject thereto. The buyer assumes any risk to persons or property arising out of use or handling and accepts the product on these conditions.

SCN 060795 / CPC 08156