



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

JAN 25 1994

Richard R. Brumfield
SCHALL CHEMICAL INC.
120 N. Broadway
Montevista, CO 81144

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/19/93 in Response to PR Notice 93-7
EPA Reg. No. 3468-47
BANTROL

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

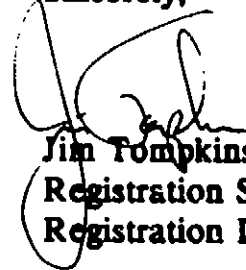
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Richard R Brumfield
SCHALL CHEMICAL INC
120 N. BROADWAY
MONTEVISTA CO 81144

Subject: Label Amendment Submission of 08/19/93
to Comply with WPS Labeling Requirements
EPA Reg Nr. 3468-47
BANTROL

The following specific comments pertain to your
WPS labeling submission concerning the product
cited above:

User Safety Recommendations must either be placed in a box
or printed on the label in a contrasting color from
surrounding text.

You have incorrect wording in the second-to-last sentence in
the first paragraph in the Agricultural Use Requirements box
on your proposed label. The sentence must be as follows:
"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."

**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 (40 CFR 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 phenyl 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.

BANTROL

ACTIVE INGREDIENTS:

* Dimethylamine Salt of dicamba (3, 6-dichloro-o-anisic acid)	12.25%
Dimethylamine Salt of related acids	1.87%
** Dimethylamine Salt of 2, 4-Dichlorophenoxyacetic Acid	24.66%
* Equivalent to 19.12% 2, 4-dichloro-o-anisic acid.	
** Equivalent to 28.34% 2, 4-dichlorophenoxyacetic acid.	
INERT INGREDIENTS	61.36%

**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 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. 3488-47 EPA EST. No. 3488-CO-1

Net Contents _____ Gallons

**ACCEPTED
with COMMENTS
in EPA Letter Dated**

JAN 25 1994

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

3468-47

PHYS
Store above 22°
If stored to fre
container.

It is a violation o
Do not apply th
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requirements of
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Do not apply th

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■ Shoes plus
■ Protective

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8156 Sarah Chemi
100%

AND CHEMICAL HAZARDS

from freezing.
to 70°F and redissolve before using by rolling or shaking the

RECTIONS FOR USE

to use this product in a manner inconsistent with its labeling.
in a way that will contact workers or other persons, either directly
indirect handlers may be in the area during application. For any
your State or Tribe, consult the agency responsible for pesticide

it through any type of irrigation system.

TURAL USE REQUIREMENTS

in accordance with its labeling and with the Worker Protection
Standard (WPS) for agricultural pesticides (40 CFR Part 170). This Standard contains requirements for the protection
of farm, forest, nursery, and greenhouse workers, and handlers
of pesticides. It contains requirements for training, decontamination, notification,
resistance. It also contains specific instructions and exceptions
statements on this label about personal protective equipment (PPE).
This box only apply to uses of this product that are covered by
the Standard.

worker entry into treated areas during the restricted entry interval

by entry to treated areas that is permitted under the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). This Standard contains requirements for the protection
of farm, forest, nursery, and greenhouse workers, and handlers
of pesticides. It contains requirements for training, decontamination, notification,
resistance. It also contains specific instructions and exceptions
statements on this label about personal protective equipment (PPE).
This box only apply to uses of this product that are covered by
the Standard.

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or

less than 5 gallon capacity - persons engaged in open pouring of
a wear coveralls or a chemical-resistant apron.
if greater in capacity - a mechanical system (probe and pump) must
ing the contents of this container. If the contents of a non-refillable
is emptied, the probe must be rinsed before removal.
duct through any type of irrigation system.

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

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.

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 (seedling or top growth), Lambquarters, 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 REQUIREMENT

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 in 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.

PASTURE and RANGELAND GRASSES and NONCROPLANDS, such as
lanceroes, roadways and wastelands. For the control of Wild Buckwheat, Annual
Clover, Lambquarters, Mustard, Redroot Pigweed, Common Ragweed, Rabbit
brush and Sunflower use 2 pints Bantrol per acre. Curly dock, Kochia, Morning
glory (annual), Puncturevine and Shepherdspure 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
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. For Use Only in the States of Texas, Oklahoma and New Mexico. Do not use
this mixture on Bent, ~~sustained~~ 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,
handling and accepts the product on these conditions.

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