



Reg # 42750-16

PM-23

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

JAN 14 1994

Alice Walker
ALBAUGH CHEMICAL CORP.
728 S.E. Creekview
Ankeny, IA 50021

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 07/27/93 in Response to PR Notice 93-7
EPA Reg. No. 42750-16
RHODIA 2,4-D GRAN 20

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 or paper that
contains at least 50% recycled fiber

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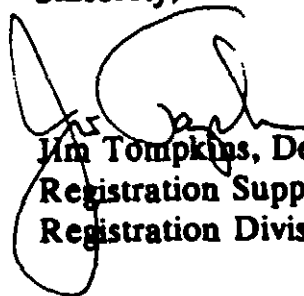
Submit the final printed labeling via the U.S. Postal Service to:

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

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Alice Walker
ALBAUGH CHEMICAL CORP.
728 S.E. CREEKVIEW
ANKENY IA 50021

Subject: Label Amendment Submission of 07/27/93
to Comply with WPS Labeling Requirements
EPA Reg Nr. 42750-16
RHODIA 2,4-D GRAN 20

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

There is a typographical error(s) in the Agricultural Use
Requirements box.

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ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 14 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
42750-16

ALBAUGH, INC.

**2,4-D GRAN 20
HERBICIDE**

**For Preemergence Use on Corn for the Control
of Broadleaf Weeds and Certain Seedling Grasses.
Also for Use in Lakes and Ponds for the Control
of Certain Aquatic Weeds.**

Net Contents: 50 lbs./22.7 Kilos

ACTIVE INGREDIENT:

Isooctyl ester of 2,4-Dichlorophenoxyacetic acid*29.5%

INERT INGREDIENTS:.....70.5%

TOTAL.....100.0%

*Equivalent to 19.57% of 2,4-Dichlorophenoxyacetic acid, isomer specific.

EPA Reg. No. 42750-16

EPA Est. No. 42545-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

~~**PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.**~~

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get medical attention.

IF ON SKIN: Immediately remove all contaminated clothing. Wash contacted areas with plenty of soap and water. ~~Thoroughly wash contaminated clothing before reusing.~~ Get medical attention if irritation develops and persists.

IF IN EYES: Flush with water for 15 minutes. Get medical attention.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return unopened package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

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

~~Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling. Harmful if inhaled. Avoid breathing dust. Remove contaminated clothing and wash before reuse. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.~~

~~When mixing, loading, or applying this product or repairing or cleaning equipment used with this product, wear eye protection (face shield or safety glasses), chemical-resistant gloves (nitrile), long-sleeved shirt, long pants, socks and shoes. For aerial applicators in enclosed cockpits and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required.~~

~~Wash hands, face and arms with soap and water as soon as possible after mixing, loading, or applying this product. Wash hands, face and arms with soap and water before using toilet. After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous day's mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry. Remove saturated clothing as soon as possible and shower.~~

PERSONAL PROTECTIVE EQUIPMENT

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

Follow manufacturer's instructions for cleaning/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 PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect

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aquatic invertebrates and nontarget plants. For terrestrial uses, 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.

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.

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.

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) and restricted-entry intervals. 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 12 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, waterprof gloves, shoes plus socks, and protective eyewear.

~~AGRICULTURAL USE REQUIRMENTS~~

~~Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.~~

~~For early entry to treated areas that is permitted under the Worker Protection~~

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~~Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear: eye protection (face shield or safety glasses), chemical-resistant gloves (nitrile), long sleeved shirt, long pants, socks and shoes.~~

STORAGE AND DISPOSAL

Pesticide Storage: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Reclose all partially used containers by tightly rolling down top of bag and securing.

In the event of a spill, thoroughly sweep up the spilled material and dispose of as indicated under "Pesticide Disposal."

For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities.

To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification.

Opened, partially used pesticides should be stored in original labeled containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark and identify contents of the new container.

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 of the nearest EPA Regional Office for guidance.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTE: Do not allow this chemical to come in contact with desirable plants such as cotton, grapes, melons, tomatoes, beans, peas, other vegetables, legumes, ornamentals and fruit trees. Do not use in or around greenhouses.

SELECTIVE WEEDING IN FIELD CORN

2,4-D is a recognized method of killing weeds in corn. Research at Iowa State College of Agriculture and elsewhere has shown that preemergence applications of 2,4-D in granular form give just as good results as preemergence 2,4-D sprays in controlling susceptible broadleaf weeds as well as keeping down the seedlings of grassy weeds. Between the row cultivation is thus made easy and the number of such cultivations reduced.

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CONTROLS THESE WEEDS IN CORN

Chicory	Pennyworts	Smartweed	Wild Radish
Dandelions	Pigweed	Sunflower	Yellow Star
Healall	Plantains	Tarweed	Thistle
Morningglory	Ragweed	Wild Mustard	and many others

SUPPRESSES THE GROWTH OF THESE WEEDS

Barnyard Grass	Crabgrass	Giant Foxtail	Pigeon Grass (small foxtail)
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RATE OF APPLICATION: (Do not exceed the following rates):

Band Application - On 36 inch rows, apply 3-1/4 to 3-1/3 pounds per acre on a 12 to 14 inch band across the top of the row. Use a press wheel and do not work into soil.

Broadcast Application - Apply 10 pounds per acre.

HOW APPLIED: May be applied broadcast with grass seeder or in band application behind the seed planter. Special attachments for this are available from a number of corn seed drill manufacturers. These place the granules in a 12 or 14 inch band across the top of the row. Use a press wheel and do not work into soil.

WHEN APPLIED: Agrolinz 2,4-D Gran 20 should be applied preferably as a preemergence treatment at corn planting time. It may, however, also be applied just before corn emerges through the soil. It has very little effect on established broadleaf weeds over 6 inches tall, and none at all on grassy weeds once they have germinated.

SPECIAL CAUTION: Plant corn at least 2 inches deep when using preemergence 2,4-D applications. 2,4-D should not be used on sandy or light soils or damage to the crop may result. In other areas, State Agricultural authorities should be consulted before using.

WEED CONTROL IN PONDS AND LAKES

2,4-D Gran 20 is recommended for control of certain specified water weeds listed below. Best results with 2,4-D are likely to be obtained where water conditions are acid and there is no flow and little or no water movement. In ponds and lakes with excessive movement, it may be possible to draw down the water for a few days just before and after treatment.

RATE OF APPLICATION: (100 pounds per acre is equivalent to 1 pound per 430 square feet):

<u>WEEDS</u>	<u>RATE PER ACRE</u>
Arrowhead (<i>Sagittaria spp.</i>)	200 lbs.

Bladderwort (<u>Utricularia spp.</u>)	100-150 lbs.
Bulrush (<u>Scirpus spp.</u>)	200 lbs.
Coontail or Hornwort (<u>Ceratophyllum demersum</u>)	200 lbs.
Creeping Waterprimrose (<u>Jussiaea repens</u>)	200 lbs.
Pickerelweed (<u>Pontederia spp.</u>)	200 lbs.
Spatterdock, Cow Lilly, Yellow Water Lily (<u>Nuphar spp.</u>)	50 lbs.
Burreed (<u>Sparganium spp.</u>)	200 lbs.
Waterweed (<u>Elodea of Anacharis</u>)	200 lbs.
Waterchestnut (<u>Trapa natans</u>)	100 lbs.
Watermilfoil (<u>Myriophyllum spp.</u>)	100-150 lbs.
Water Smartweed (<u>Polygonum spp.</u>)	200 lbs.
White Waterlily (<u>Nymphaea spp.</u>)	150 lbs.
Naiad (<u>Najas flexilis</u>)	200 lbs.
Pondweeds (<u>Potamogeton spp.</u>)*	200 lbs.
Watershield (<u>Brasenia spp.</u>)	50-200 lbs.

*Check with state weed control services as results depend much on species and environment.

HOW TO APPLY: Broadcast and spread evenly over the water surface either by hand or with a rotary type seeder or spreader.

TIME OF APPLICATION: Early spring when aquatic growth is most active gives best results. The time required for maximum plant kill may extend from 4 to 6 weeks, depending on water temperature and other factors.

SPECIAL PRECAUTIONS: Always check with State Agricultural Experiment Station or Extension Service Specialist so as to comply with existing regulations reference the introduction of chemicals into water for aquatic weed control, and also to check on local variations of rates required. If a pond or lake is very weedy and the entire area requires treatment, do only one-half at a time and wait until weeds are dead and well rotted before treating the other half. This avoids excessive weed decomposition which would reduce oxygen levels in the water to a point harmful to

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fish life. Do not allow chemical to be applied to adjacent desirable shoreline vegetation. Observe other handling and storage precautions listed elsewhere on label. Do not use treated waters for domestic or irrigation purposes, or for making up spray to be applied to crops and desirable plants.

2,4-D may cause off flavor in fish for some days after application; therefore, apply early before fishing season begins.

Consult your State Fish and Game Agency before applying this product.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.) under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify Seller, in writing, of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of Seller will be one of the following:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The Seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the Seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

**ALBAUGH, INC.
1517 N. Ankeny Blvd.
Ankeny, Iowa 50021**