



PH 25 56077-41

File 9/9

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

APR 28 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Jeanine H. Betsher
CEDAR CHEMICAL CORPORATION
5100 POPLAR, SUITE 2414
MEMPHIS, TN 38137

Subject: Label Amendment Submission of 03/24/94 in Response to PR Notice 93-7
EPA Reg. No. 56077-41
CRYSTAL PROPANIL-4E

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**. 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:

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

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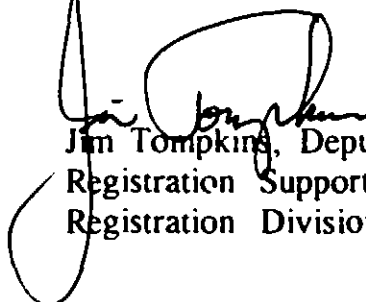
Submit the final printed labeling via the U.S. Postal Service to:

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

PROPANEX-4
HERBICIDE

For Postemergence Control of Barnyardgrass and Other Weeds in Rice.

Active ingredient:	
3'4'Dichloropropionanilide	45.00%
Inert ingredients:	<u>55.00%</u>
TOTAL	100.00%

This product contains 4 lbs. of 3'4'Dichloropropionanilide per gallon.

EPA Reg. No. 56077-41
EPA Reg. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT:

If Swallowed: Induce vomiting immediately giving two glasses of water to drink and touch back of throat with finger. Call a physician. Never give anything by mouth to an unconscious person.

If on Skin: Wash affected area with soap and water.

If in Eyes: Flush eyes with large amounts of water for at least 10-15 minutes. Consult a physician if irritation persists.

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 28 1994

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

56077-41

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)**

CAUTION

Avoid breathing spray mist. Harmful if swallowed or absorbed through the skin. Do not get in eyes or on skin or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

PERSONAL PROTECTIVE EQUIPMENT:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

Long-sleeved shirt and long pants

Chemical-resistant gloves, such as barrier laminate or butyl rubber

Shoes plus socks

Chemical-resistant headgear for overhead exposure

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.

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: 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. This product is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water intended for irrigation or domestic purposes. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area.

PHYSICAL AND CHEMICAL HAZARDS: Do not use or store near heat or open flame.

AGRICULTURAL CHEMICAL

**DO NOT SHIP OR STORE WITH FOOD, FEEDS,
DRUGS, OR CLOTHING.**

**FOR CHEMICAL SPILL, LEAK, FIRE OR
EXPOSURE, CALL TOLL FREE 1-800-424-9300**

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 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 24 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
- chemical-resistant gloves, such as barrier laminate or butyl rubber
- shoes plus socks
- chemical-resistant headgear for overhead exposure

Do not apply to fields where commercial catfish farming is practiced and do not drain water from treated fields into areas where catfish farming is practiced.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Store in a dry location away from children, animals, foods, feeds, seeds, or other agricultural chemicals. Do not store at temperatures below 32°F. Handle in accordance with information given under "Precautionary Statements". In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in accordance

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with information given under "Disposal". Repackage and re-label usable product in a sound container.

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. 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: Triple rinse (or equivalent), adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WHERE TO USE

PROPANEX-4 is a postemergence herbicide for the control of many grasses and broadleaf weeds in rice fields only. It may be applied by either ground or aerial spray equipment, after dilution and thorough agitation with water. PROPANEX-4 is not a hormone-type herbicide, but kills susceptible plants by direct contact action. For this reason, thorough spray coverage of weeds to be killed is necessary for best results.

PROPANEX-4 should be applied when weeds and grasses are small. (See Directions for Use). Use only on fields which have been drained of flood water.

Rice fields to be treated should be inspected frequently before application of PROPANEX-4 to insure that barnyardgrass or watergrass is at the proper stage of growth (1 to 3 leaf stage with an occasional 4 leaf plant).

ATTENTION: Never apply PROPANEX-4 except as recommended on this label because use in any other way may result in damage or injury to persons, animals, or crops, or other unintended consequences.

DO NOT APPLY PROPANEX-4 WITHIN FOURTEEN DAYS before or after insecticide applications because serious damage to rice may occur.

Do not apply to any other crops than rice.

Before applying PROPANEX-4, make sure the spray equipment is properly calibrated to avoid over or under treatment.

Do not apply PROPANEX-4 under wind conditions which will allow drift to adjacent susceptible crops such as beans, soybeans, cotton, safflower, cucurbits, vegetables, orchards and other sensitive crops. Wind velocity greater than 5 miles per hour will often cause applications to be streaked and give less than maximum herbicidal control.

Keep this container closed when not in use. Do not reuse for other purposes as its toxic contents cannot be entirely removed.

WEEDS CONTROLLED

Barnyardgrass (watergrass), alligator weed, brachiaria, crabgrass, croton, curly indigo, foxtail, goosegrass, gulf cockspur, hoorahgrass, mexicanweed, millet (Texas), paragrass, pigweed, redweed (teaweed), sourdock, spearhead, tall indigo or coffee bean, or wiregrass.

(This product will not control arrowhead, bermudagrass, cattail, ducksalad, johnsongrass, nutgrass, red rice and sprangletop).

DIRECTIONS FOR USE - RICE ONLY

Do not use until you have read the entire label.

Rice fields should be well prepared and free of large clods to obtain uniform germination of grasses and weeds, and to insure uniform flood levels. If necessary, fields may be flushed prior to treatment to produce uniform grass germination. If fields are flushed prior to treatment, flush in sufficient time so that grass and rice are growing vigorously at time of treatment. Water should be drained from fields before spraying so that grasses and weeds are fully exposed to the spray.

PROPANEX-4 acts only on grasses and weeds which have already germinated. (Maximum action usually is not apparent until 3 to 5 days after application). To prevent more weeds from germinating after treatment, fields should be flooded within 24 hours after spraying, or as soon as possible after 24 hours. Flooding after spraying will improve the grass control after PROPANEX-4 treatment. In cases where flooding of the field would not be complete within seven days or less after application of PROPANEX-4, it is best to treat a portion of the field, flood that treated portion, and then treat the remainder. This will help prevent reinfestation of weeds and grasses. Higher rates (4-6 quarts) may be necessary on the remainder since the grass will be more mature.

If the rice is too small to maintain a flood on the field, treatment should be delayed until the rice is large enough. The grass may then be large enough to require 4-6 quarts of PROPANEX-4. Avoid treatment if rain threatens within 6-8 hours or if high winds may cause uneven application or drift.

In case of unseasonably cool weather, higher rates (4-6 quarts/acre) of PROPANEX-4 may be necessary. The number of leaves of barnyard or watergrass determines the time and amount of PROPANEX-4 to spray, regardless of the size of the rice. THE GROWER SHOULD INSPECT FIELDS FREQUENTLY TO DETERMINE PROPER TIME OF APPLICATION. The ideal application time is when most barnyardgrass has one to three leaves, with only an occasional plant having four leaves. During drought conditions grasses may reach the three leaf stage while still quite short or stunted, so special attention to stage of growth is necessary in these situations to avoid grasses becoming too mature for best results. Apply 3 quarts of PROPANEX-4 per acre when most grass has reached the one to three leaf stage. Use 4 to 6 quarts of PROPANEX-4 per acre if grasses are larger, with most in the four to six leaf stage. Mix PROPANEX-4 thoroughly with water for spraying, using vigorous mechanical agitation. For aerial application dilute the proper amount of PROPANEX-4 with 10 to 12 gallons of water per acre. For ground equipment dilute the proper amount of PROPANEX-4 with 15-25 gallons of water per acre. Lesser amounts of water often give inadequate coverage and may cause poor results.

If fields cannot be completely drained so that all of the grass is exposed, a higher dosage of PROPANEX-4 (4-6 quarts/acre) must be used.

NOTE: When PROPANEX-4 is applied, especially after the fourth leaf stage of growth of the rice, under some conditions, visible leaf injury on rice may result. However, the rice plants quickly outgrow such injury when caused by the later applications.

IN CALIFORNIA: Use PROPANEX-4 only where rice fields are not completely drained.

To control watergrass, apply PROPANEX-4 30 to 45 days after planting, before rice is fully tillered, when watergrass extends 6 to 8 inches above water surface. If rice has a deep flood, water level may be lowered to 3-4 inches over highest part of field to expose 6-8 inches of watergrass. (When lowering water level, do so slowly to avoid pulling down rice plants). Use 4 quarts per acre if most grass has developed 3-5 leaves, use 5 quarts if most grass has 5-6 leaves, and use 6 quarts per acre if most grass has 7 or more leaves. Apply in no less than 10-12 gallons of water, using a medium-fine spray.

If higher water level is desired after treating, reflooding may be started 12 hours after treatment.

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**CONDITIONS OF SALE AND WARRANTY
CEDAR AND SELLER OFFER THIS PRODUCT AND THE BUYER
AND USER ACCEPTS THIS PRODUCT UNDER THE FOLLOWING
AGREED CONDITIONS OF SALE AND WARRANTY.**

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to take into account all variables and to eliminate all risks associated with its use. Injury or damage may result because of conditions which are beyond the control of Cedar Chemical Corporation or the seller. Cedar warrants only that this product conforms to the chemical description on the label and is believed to be reasonably fit for the purposes referred to in the Directions for Use when used as directed under normal conditions. CEDAR CHEMICAL CORPORATION MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. In no case shall Cedar or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. Any variation or exception from this warranty must be in writing and signed by an authorized Cedar representative.

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