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BUTYRAC® ESTER
BROADLEAF HERBICIDE

CONTROLS BROADLEAVED WEEDS IN SEEDLINGS STANDS OF ALFALFA AND BIRDSFOOT TREFOIL

ACTIVE INGREDIENTS:

*4-(2,4-Dichlorophenoxy) butyric acid, butoxyethanol ester 34.4%

INERT INGREDIENTS:

*4-(2,4-Dichlorophenoxy) butyric acid equivalent 65.6%
24.6% by weight or 2 pounds per gallon

EPA Reg. No. 264-145 ZA

EPA Est. 264-MO-1

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KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS: See inside booklet

For Product Handling, Use and General Information Call 1-800-334-9745

For Emergency Information ONLY Call 24 Hours A Day 1-800-521-8235

RHONE POULENC AG COMPANY
P.O. Box 12014, T.W. Alexander Drive
Research Triangle Park, N.C. 27709

Butyrac® is registered trademark of RHONE POULENC NEDERLAND B.V.

MADE IN U.S.A.

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PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Do not get in eyes, on skin or on clothing. May be fatal if absorbed through skin. Harmful if swallowed. Avoid breathing vapors or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling before eating, drinking or using tobacco.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: If patient is conscious and alert, give 2-3 glasses of water to drink. Do not induce vomiting. GET MEDICAL ATTENTION. PRECAUTION: Lay patient on side with head lower than waist to prevent aspiration of possible vomitus.

IF ON SKIN: Immediately wash skin with plenty of soap and water, if available, while removing contaminated clothing and shoes. Wash clothing separately before reuse.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration. Administer oxygen if necessary. GET MEDICAL ATTENTION.

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. GET MEDICAL ATTENTION.

NOTE TO PHYSICIAN

No specific antidote is available.

All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.

This product contains petroleum distillates. If large amounts (greater than 1 ml/kg body weight) of the product have been ingested, the stomach should be evacuated by gastric intubation with the aid of a cuffed endotracheal tube to prevent aspiration of petroleum distillates. After removal of stomach contents, wash stomach by instilling 30-50 g. of activated charcoal in 3-4 ounces of water through the stomach tube and again remove stomach contents. Avoid oily laxatives.

ENVIRONMENTAL HAZARD

This product is toxic to fish. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply BUTYRAC® Ester Broadleaf Herbicide through any type of irrigation system. Do not contaminate irrigation ditches or water used for irrigation or domestic purposes. Do not use in a greenhouse.

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PROTECTION STATEMENTS

Do not apply BUTYRAC® Ester Broadleaf Herbicide directly to, or otherwise permit it to come in contact with cotton, okra, grapes, tomatoes, fruit trees, vegetables, flowers or other desirable crop or ornamental plants which are susceptible to BUTYRAC® Ester Broadleaf Herbicide. Do not permit spray mist to drift onto susceptible plants since very small quantities of the BUTYRAC® Ester Broadleaf Herbicide can cause severe injury during the growing or dormant periods.

Use coarse sprays to minimize drift. Do not apply with nozzles that produce fine spray droplets. Drift from ground application may be reduced by: (1) Keeping the spray boom as near to the crop as possible in order to obtain complete coverage; (2) by applying 10 or more gallons spray per acre, (3) by using no more than 20 pounds of pressure or less at the nozzle tips; and (4) by not spraying when the wind exceeds 5 miles per hour.

Drift from aerial application may be reduced by: (1) applying as near to the crop as possible in order to obtain coverage; (2) by applying 5 or more gallons of spray per acre, (3) by using 20 pounds pressure or less at the nozzle tips; (4) by using nozzles which produce a coarse spray pattern; and (5) by spraying when there is no possibility for a temperature inversion at time of spraying.

Applications by aircraft, ground rig and hand sprayers should be carried out only when there is no hazard from spray drift. Do not apply near cotton, grapes, tomatoes or near desirable BUTYRAC® Ester Broadleaf Herbicide susceptible crop or ornamental vegetation.

Spray tank residues of 2,4-D, MCPA, mixed with BUTYRAC® Ester Broadleaf Herbicide can cause serious crop or ornamental plant injury. A sprayer previously used to apply these chemicals must be thoroughly cleaned before applying BUTYRAC® Ester Broadleaf Herbicide. Do not treat with a tank mixture of BUTYRAC® Ester Broadleaf Herbicide and SEVIN® Carbaryl Insecticide as severe injury may result.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Apply BUTYRAC® Ester Broadleaf Herbicide in spring or fall, when seedling legumes have 2 to 4 trifoliate leaves and when weeds are less than 3 inches high. Applications made later to more mature weeds will give less satisfactory control. Weeds such as dock and fanweed that form rosettes should be treated when these rosettes are less than 3 inches across.

Apply BUTYRAC® Ester Broadleaf Herbicide in 10 or more gallons of water per acre when using ground equipment and in at least 5 or more gallons of water per acre using aerial equipment. The total volume of spray applied should be enough for good coverage, but not so much that spray will run off weed leaves.

BAND TREATMENTS

Use BUTYRAC® Ester Broadleaf Herbicide in proportion to the area actually sprayed. For example, if a 12 inch band is sprayed on 36 inch rows, the amount used per banded acre will be 1/3 of the amount used per broadcast acre. Calibrate sprayers before making band applications. Keep boom at the same height while calibrating and spraying.

Rainfall within 7-10 days of treatment may cause crop injury.

For irrigated crops, apply BUTYRAC® Ester Broadleaf Herbicide as soon as possible after irrigation. Delay the next irrigation for at least 7 to 10 days after spraying to avoid washing the chemical into the root zone.

WEED CONTROL IN SEEDLING STANDS OF ALFALFA AND BIRDSFOOT TREFOIL

WEEDS CONTROLLED:	AMOUNT OF BUTYRAC® ESTER PER ACRE	
common lambsquarters	fanweed	2 pints
redroot pigweed	smartweed	to 4 pints
Russian thistle	annual ragweed	
prickly (Chinese) lettuce	filaree	
groundsel	shepherd's purse	
stinkweed	dock	
	fiddleneck*	

*Fiddleneck with more than 2-3 leaves will only be suppressed.

Use this higher rate only if weeds have grown to height of 4 to 6 inches before spraying. Poorer weed control and crop stunting can be expected when using this higher rate on larger weeds.

USE PRECAUTIONS

1. Do not graze treated crops nor feed hay from treated crops to livestock within 60 days after application.
2. Do not use on sweet clover or other legumes not mentioned.
3. Do not apply when crop is stressed from lack of moisture.

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4. Do not spray when daytime temperatures are expected to exceed 90°F within the next two or three days or are likely to fall below 40°F during or shortly after treatment.
 5. Do not use as a preemergence spray.
 6. Spray tank residues of 2,4-D, MCPA, mixed with BUTYRAC® ester broadleaf herbicide can cause serious crop or ornamental plant injury. A sprayer previously used to apply these chemicals must be thoroughly cleaned before applying BUTYRAC® ester broadleaf herbicide. Do not treat with a tank mixture of BUTYRAC ester broadleaf herbicide and SEVIN® carbaryl insecticide as severe injury may result.

MIXING DIRECTIONS

Add one-half the required amount of water to the spray tank, then add this product with agitation, and finally the balance of the water with continued agitation. The material forms an emulsion in water - not a solution. This tends to separate on standing. Provide agitation to prevent such separation.

Before using BUTYRAC® ester broadleaf herbicide in tank mixture with another product evaluate compatibility and crop safety on a small area before applying to the entire field.

Do not add any wetting agents or detergents to the spray solution.

Note: A sprayer or other container previously used to apply 2,4-D, MCPA, must be thoroughly cleaned with alkali and water before using for this product. Even a small amount of one of these chemicals mixed with this product can cause serious injury to legumes. Contact your supplier for special instructions on cleaning out spray equipment.

STORAGE AND DISPOSAL STATEMENTS

STORAGE

Do not store near food, feedstuffs, fertilizers, seeds, insecticides, or fungicides. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL

Open dumping is prohibited. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities. If burned, stay out of smoke.

Local conditions may affect the use of herbicides. Consult your State Agricultural Experiment Station, Farm Advisors, or Extension Weed Specialists for advice in selecting treatment from this label to best fit local conditions.

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Be sure that use of this product conforms to all applicable laws, rules and regulations. Certain states have restrictions pertaining to application distances from susceptible crops. The applicator should become familiar with these laws, rules or regulations and follow them exactly. Apply this product only as specified on this label.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants that this product conforms to the chemical description on the label; that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE.

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