

P1793

2611-154

174

# BUTYRAC® 175

**Controls Cocklebur and Other Broadleaf Weeds in Soybeans and Peanuts**

**ACTIVE INGREDIENT:**

4-(2,4-Dichlorophenoxy)butyric acid, dimethylamine salt.....23.0%

**INERT INGREDIENTS:**.....77.0%

\*4-(2,4-Dichlorophenoxy)butyric acid equivalent 19.5% by weight or 1 3/4 pounds per gallon.

EPA Reg. No. 264-164

EPA Est. No. 264-MO-01

## KEEP OUT OF REACH OF CHILDREN CAUTION

For **PRODUCT USE** Information Call 1-800-334-9745

For **MEDICAL and TRANSPORTATION Emergencies ONLY** Call 24 Hours A Day 1-800-334-7577

### 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.

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

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

**NOTE TO PHYSICIAN**

No specific antidote is available. Treat symptomatically. Overexposure to materials other than this product may have occurred.

### PRECAUTIONARY STATEMENTS

**CAUTION**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed. Avoid contact with skin, eyes or clothing. When handling this product, wear chemical resistant gloves.

**NOT RECORDED**  
In Accordance with PR Notice 82-2.  
Based-on Draft Labeling Dated  
5/16/91

### ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not contaminate water when disposing of equipment washwaters. Avoid spray drift to susceptible plants such as cotton, beans, tomatoes and ornamentals, as this product may cause injury. Coarse sprays are less likely to drift. Under very high temperature, vapors from this product may injure susceptible plants in the immediate vicinity.

Do not use same spray equipment for other purposes unless thoroughly cleaned. A small amount of 2,4-D or MCPA, mixed with BUTYRAC® 175 can cause serious injury to soybeans. A sprayer previously used to apply these chemicals must be thoroughly cleaned before applying BUTYRAC® 175.

**MIXING AND LOADING:** Most cases of ground water contamination involving phenoxy herbicides such as 2,4-DB have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-DB pesticides at such sites to prevent contamination of ground water 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 ground water contamination.

### DIRECTIONS FOR USE

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

### STORAGE AND DISPOSAL

**STORAGE**

Do not contaminate water, food or feed by storage or disposal. Store in original container in a dry secured storage area. Keep container tightly closed when not in use.

**PESTICIDE DISPOSAL**

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

**CONTAINER DISPOSAL**

Do not reuse empty container. Triple rinse or equivalent. Then offer for recycling, or reconditioning or puncture and dispose of in a sanitary landfill or incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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## GENERAL CAUTIONS AND RESTRICTIONS

Do not apply BUTYRAC® 175 through any type of irrigation system.

Do not use in a greenhouse.

Do not use on sweet clover.

## RESTRICTIONS AND LIMITATIONS FOR USE ON SOYBEANS

Drought stressed beans should not be sprayed.

Do not harvest beans within 60 days after application.

Use either the over-all or the directed application. Do not use both applications on the same field in the same season.

Do not use this product on soybeans that show symptoms of Phytophthora root rot disease.

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

## RESTRICTIONS AND LIMITATIONS FOR USE ON PEANUTS

Do not feed treated peanut vines and peanut hay to livestock.

Do not apply BUTYRAC® 175 if peanuts are under stress from drought as injury to peanuts may occur.

## GENERAL INFORMATION

This material is not recommended as a preemergence treatment. Be sure sprayer is clean before using BUTYRAC® 175 in it.

## GENERAL WEED LIST

BUTYRAC® 175 has given control or suppression of the following weeds depending on the size of the weed.

COMMON NAME	BOTANICAL NAME	SUPPRESSION ONLY IF LARGER THAN
ragweed or careless weed	<i>Amaranthus sp.</i>	3 inches
morningglory	<i>Ipomoea sp.</i>	3 feet
cocklebur	<i>Xanthium sp.</i>	3 feet
velvetleaf	<i>Abutilon theophrasti</i>	1 inch
Virginia copperleaf	<i>Acalpha virginica</i>	1 inch
teaweed	<i>Sida spinosa</i>	1 inch
common ragweed	<i>Ambrosia artemisiifolia</i>	1 inch
jimsonweed	<i>Datura stramonium</i>	1 1/2 inch
devils claw	<i>Proboscidea louisianica</i>	2 inches
goatweed	<i>Croton lindheimeri</i>	1 inch
lambquarters	<i>Chenopodium album</i>	1 inch
silverleaf nightshade	<i>Solanum elaeagnifolium</i>	4 inches

## SOYBEANS

### OVER-ALL APPLICATIONS: For control of cocklebur and morningglory.

Use 0.8 to 1.0 pint of BUTYRAC® 175 per acre (equivalent to 0.175 to 0.22 pounds active 2,4-DB acid per acre). It is very important to calibrate sprayers before application to be sure you are applying the right amount.

Apply BUTYRAC® 175 from 7 to 10 days before bloom up to mid-bloom, when soybeans are about knee-high and growing actively. Soybean foliage should be dark green indicating nodulation and nitrification are already underway. Do not apply over-all sprays earlier than this stage of growth.

**IMPORTANT - MIDWEST:** Cocklebur must form a protective canopy over the bean plants before spraying or injury to the soybeans may result. Application after mid-bloom may affect flowering and reduce soybean yields.

Apply as a broadcast spray. Use a boom sprayer with flat fan-type nozzles. Space nozzles so that one nozzle is over each row and over each middle. Adjust the height of the boom above the crop to give complete coverage of all weeds. Use low pressure (20-40 psi). Do not use boom jet nozzles.

For a time, soybeans will show some effects from the chemical in the form of temporary twisting or curling of the stems and leaves. However, these effects disappear in about 3 to 5 days. Cocklebur will die out in from 3 days to 3 weeks.

### DIRECTED BAND APPLICATIONS

For control of cocklebur and morningglory, apply the equivalent of 0.8 to 1.0 pint of BUTYRAC® 175 per broadcast acre (equivalent to 0.175 to 0.22 pounds active 2,4-DB acid per acre). Use sufficient water for good coverage; at least 10 gallons per acre.

Treat when beans are at least 8 inches tall. Adjust nozzle height to allow spray to contact no more than the bottom one-third of soybean plants. Do not allow spray or spray drift to contact growing terminals of beans, as excessive crop injury will result.

For best results treat when the cocklebur and morningglory are no more than 3 inches tall. All leaves and growing terminals of weeds should be contacted by the spray.

For control of weeds one inch or less in height and/or suppression of weeds greater than about one inch in height such as velvetleaf, jimsonweed, common ragweed and lambquarters, apply 1.6 to 1.8 pints of BUTYRAC® 175 per acre (equivalent to 0.35 to 0.4 lb. active 2,4-DB acid per acre). Do not use more than two applications per season. Stunting of the soybeans may be observed when two applications of the higher rates are used for weed control.

To insure proper placement of spray on lower one-third of soybean plants, apply with sprayer nozzles mounted on skid shoes, oiling shoes, or cultivators with gauge wheels. Do not mount on booms with drop nozzles, or on cultivators without gauge wheels. Use fan type nozzle tips #8001 or larger, or their equivalent. Nozzle pressure should be less than 40 psi to reduce spray drift.

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## DIRECTED BAND APPLICATIONS OF MIXTURES OF BUTYRAC® 175 AND LOROX 50W\*

For control of cocklebur, morningglory, sesbania, velvetleaf, lambsquarter, prickly sida (taaweed), jimsonweed, ragweed and crabgrass (2 leaf), apply 1.0 pint of BUTYRAC® 175 plus 1 lb. Lorox per broadcast acre (equivalent to 0.22 pounds active 2,4-DB and 1/2 lb. Linuron active per acre). Use a proportional amount of the two chemicals on the band. (For example, on a 12 inch band in 36 inch rows use 1/3 pt. of BUTYRAC® 175 and 1/3 lb. of Lorox per acre). Use an #8002 T-Jet (or equivalent) or larger with a minimum of 25 gals. per broadcast acre and spray pressure of 20 to 25 psi, to avoid spray drift. One pint of surfactant such as DuPont WK per 2.5 gallons of spray mix may be added. Continuous agitation in the spray tank is required to keep the material in suspension. Agitate by mechanical or hydraulic means; if by-pass or return line is used, it should terminate at the bottom of the tank to minimize foaming. Openings in nozzle screens should be equal to or larger than 50 mesh.

Apply directed spray when beans are at least 8 inches tall and when weeds do not exceed 2 inches in height. Adjust nozzle height to spray the lower one-third of the soybean plant. Apply with sprayer nozzles mounted on skid shoes, oiling shoes, or on cultivators with gauge wheels. Do not mount on booms with drop nozzles or on cultivators without gauge wheels. If a new flush of weeds occurs after initial treatment, make a second application but do not apply within 60 days of harvest or make more than 2 applications per growing season. Do not allow spray or spray drift to contact growing terminals of beans, as excessive crop injury will result.

Do not feed soybean forage or hay to livestock from fields treated with this mixture. Harvested soybeans may be used for feed or oil purposes.

**NOTE:** Do not use on sands, loamy sands or gravelly soils or on exposed subsoils. Do not use on soils containing less than 1/2% organic matter as crop injury may result.

## PEANUTS

For best results apply BUTYRAC® 175 when the weeds are one to two inches in size. For ground application, use 10 to 30 gallons of spray solution per acre. For air application, use 5 gallons of spray solution per acre.

**Georgia, Virginia, North Carolina, Alabama, Florida, Arkansas**

Apply 0.9 pints to 1.1 pints (equivalent to 0.2 to 0.25 pounds active 2,4-DB acid) of BUTYRAC® 175 per acre on peanuts 2 to 12 weeks after planting. For late germinating cocklebur and morningglory, apply a second application about 3 weeks after the first application. In the Virginia-Carolina area, do not apply later than 45 days before harvest.

**Oklahoma, Texas, New Mexico**

Apply 0.9 to 1.8 pints (0.2 to 0.4 pounds active 2,4-DB acid) of BUTYRAC® 175 per acre. Use the low rate on morningglory and cocklebur up to 12 inches in size. Use the higher rate on other weeds. BUTYRAC® 175 may be applied twice during the season. For best suppression of Sida, space the treatments 14 days apart. The second application should not be made later than 100 days after planting or 30 days before harvest.

### AMOUNT OF BUTYRAC® 175 TO USE

ACREAGE TO SPRAY	RATE DESIRED	
	@ 0.2 lb./A Active	@ 0.4 lb./A Active
1	0.9 pt. or 14.6 ozs.	1.8 pts. or 29.0 ozs.
8.75	1 gal.	2 gals.

## 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 OR FITNESS FOR A PARTICULAR PURPOSE.

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