

Mr. Warren A. Davis
 Union Carbide Agricultural Products Company, Inc.
 P.O. Box 12014
 Research Triangle Park, NC 27709

JUL 30 1987

Dear Mr. Davis:

Subject: Label Amendments
 Butyrac 200 Broadleaf Herbicide
 EPA Registration No. 264-105
 Your Submission Dated July 14, 1987

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Expand the reference to compatibility agents to stipulate ". . . approved for use on growing crops . . ." and give one or two examples. It is not necessary to provide an all-inclusive list.
 - b. Delete the reference to tank mixing with Reflex. The Reflex label carries a restriction against tank-mixing unless recommended in writing by ICI Americas. If ICI Americas adds a 2,4-DB Tank mix to the Reflex label, we can consider this further for Butyrac 200.
 - c. Under ESTABLISHED ALFALFA, does the added phrase ". . . when weeds are no more than 2-3 inches high or rosettes less than 2 inches across . . ." apply to weed growth stage in fall and early winter? This could be more clearly stated.

15610:1:Mountfort:MF-8:KENCO:7/28/87:8/6/87:aw:VO:EK:aw

CONCURRENCES

SYMBOL	ORIGINATOR							
SURNAME								
DATE								

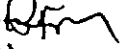
-2-

- d. Under CONSERVATION RESERVE, USE PRECAUTIONS, delete the phrase ". . . if seed production is desired . . ." or qualify the reference to exclude harvesting of seed. Seed crop production would be inconsistent with the Conservation Reserve Program.
3. Submit one (1) copy of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Richard F. Mountford 
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

BUTYRAC® 200
BROADLEAF HERBICIDE

Controls Broadleaf Weeds in Soybeans, Peanuts, Alfalfa, Trefoil and Clovers.

ACTIVE INGREDIENT:

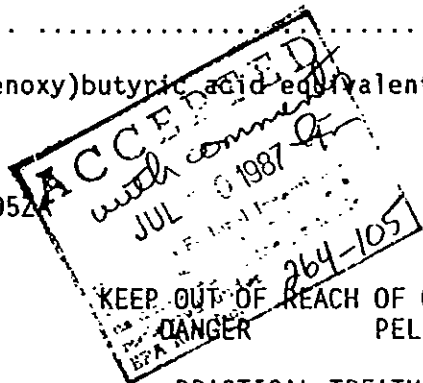
4-(2,4-Dichlorophenoxy)butyric acid, dimethylamine salt*.....25.9%

INERT INGREDIENTS:74.1%

*4-(2,4-Dichlorophenoxy)butyric acid equivalent 22.0% by weight or 2 pounds per gallon.

EPA Reg. No. 264-1052

EPA Est. No. 264-MO-01



PRACTICAL TREATMENT
IF IN EYES: FLUSH EYES WITH
LARGE AMOUNT OF WATER AND GET MEDICAL ATTENTION.

PRECAUTIONARY STATEMENTS: See inside booklet.

IN CASE OF EMERGENCY TELEPHONE
(24 HOURS A DAY) IN U.S.A. 1-800-822-4357
FOR GENERAL PRODUCT INFORMATION CALL 1-800-334-9745

UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
P. O. Box 12014, T.W. Alexander Drive
Research Triangle Park, N.C. 27709

BUTYRAC is a registered trademark of UNION CARBIDE

Made in U.S.A.

CONTENTS 2.5 GAL.

DO NOT DETACH BOOKLET FROM CONTAINER

PRECAUTIONARY STATEMENTS

DANGER

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes eye damage. Harmful if swallowed. May be fatal if absorbed through the skin. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wear goggles or face shield when handling concentrate. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Remove and wash contaminated clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician or poison control center. Drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. In case of skin contact, wash skin with plenty of soap and water. In case of eye contact, flush eyes with large amounts of water. Get medical attention.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not apply BUTYRAC® 200 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 or near a greenhouse.

PROTECTION STATEMENTS

Do not apply BUTYRAC® 200 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. Do not permit spray mist to drift onto susceptible plants since very small quantities of the BUTYRAC® 200 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 gallons or more of spray per acre; (3) by using no more than 20 pounds of pressure at the nozzle tips; and (4) by not spraying when wind exceeds 5 miles per hour.

Drift from aerial application may be reduced by: (1) applying as near to the target as possible to obtain adequate 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; (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.

Spray tank residues of 2,4-D or MCPA mixed with BUTYRAC® 200 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® 200.

Do not treat soybeans with a tank mixture of BUTYRAC® 200 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.

General Information

Spray tank residues of 2,4-D or MCPA mixed with BUTYRAC 200 broadleaf herbicide can cause serious crop or ornamental plant injury. A sprayer previously used to apply these chemicals must be thoroughly cleaned with alkali and water before applying BUTYRAC 200.

Evaluate tank mixtures not listed on this label for compatibility and crop safety on a small area before applying to the entire field.

BUTYRAC 200 may form an insoluble precipitate in very hard water. If you expect to mix BUTYRAC 200 with very hard water, test compatibility by mixing a small amount of BUTYRAC 200 in the proposed dilution ratios, shake and observe. A compatibility agent may be tested to reduce precipitation. Whenever hard water is used to dilute BUTYRAC 200, spray immediately and do not allow spray mixture to sit overnight.

✓ Do not apply BUTYRAC® 200 broadleaf herbicide through irrigation systems.

WEED CONTROL IN SOYBEANS

OVER-THE-TOP APPLICATION:

For control of cockleburs and annual morningglories in Southern states.

✓ Entire leaf or ivyleaf morningglory (Ipomea hederacea) is most responsive. Activity on other morningglory species such as pitted or palmleaf may range from suppression to control depending on weed size, rate used and environmental conditions. In general, actively growing, smaller weeds are most responsive.

✓ IMPORTANT: Over-the-top application can reduce yields.
MIDWEST: When BUTYRAC® 200 is applied alone at the 0.7 to 0.9 pint rates, use it only as a directed band application in IA, IL, IN, KS.; KY (except the KY Purchase area), MO (except the MO Bootheel), MI, MN, NE, ND, OH, SD and WI. See directions for band application.

✓ OTHER SOYBEAN PRODUCING AREAS: Limit over-the-top application to those cultivars and conditions known to provide adequate tolerance.

Apply 0.7 to 0.9 pint (11.2 to 14.4 fluid ounces) of BUTYRAC® 200 Broadleaf Herbicide per acre as a broadcast spray. It is very important to calibrate sprayers before application to be sure the right amount is applied.

Apply BUTYRAC® 200 Broadleaf Herbicide 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 that nodulation and nitrification are already underway. Do not apply over-the-top sprays at these rates earlier than this stage of growth. Application after mid-bloom may affect flowering and reduce soybean yields.

Use a boom sprayer with hollow cone type nozzles. Adjust the height of the boom so nozzles are above the crop to give complete coverage of all weeds. Use low pressure (20-40 psi). Do not use flood type nozzles operating with extremely low pressures as coverage will not be adequate.

For a time, soybeans will show some temporary effects from the chemical in the form of twisted or curled stems and leaves. However, these effects disappear in about 3 to 5 days. Yield may be reduced but is not usually affected.

✓ Soybean herbicide tolerance particularly during flowering can be affected by variety and environmental conditions. If uncertain about the tolerance of Butyrac 200 over-the-top application, check with local agricultural extension personnel or test first on small area. Allow 3 to 21 days for cocklebur control.

DIRECTED BAND APPLICATION:

To control cockleburs and annual morningglories when soybeans are 8 or more inches tall apply the equivalent of 0.7 to 0.9 pint (11.2 to 14.4 fluid ounces) of BUTYRAC® 200 Broadleaf Herbicide per broadcast acre as a directed band treatment. For best results, spray when the cockleburs and morningglories are no more than 3 inches tall.

To control other broadleaf weeds one inch or less in height and/or suppress weeds including velvetleaf, jimsonweed, common ragweed and lambsquarters taller than about one inch, apply as a directed treatment of 1.4 to 1.6 pints (22.4 to 25.6 fluid ounces) of BUTYRAC® 200 Broadleaf Herbicide per broadcast acre. Use enough water for good coverage, at least 10 gallons per acre. Apply no more than two treatments per season. Soybean plants may be stunted when two applications of the higher rate are used for weed control.

Apply with sprayer nozzles mounted on skid shoes, oiling shoes or cultivators with gauge wheels to insure proper placement of spray on only the lower one-third of the soybean plants. Do not mount nozzles on booms with drop pipes or on cultivators without gauge wheels. Use flat fan type nozzles, 8001 or larger or the equivalent. Do not allow spray to contact growing terminals of bean plants, as excessive crop injury will result. Nozzle pressure should be less than 40 psi to control spray drift.

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USE PRECAUTIONS:

IMPORTANT: Beans stressed by drought or other influences should not be sprayed. Do not use this product on soybeans that show symptoms of disease such as Phytophthora root rot.

- ✓ Do not apply under weather conditions which favor drift. Do not allow to contact other crops or desirable plants.
- ✓ Be sure sprayer is clean before applying BUTYRAC® 200 Broadleaf Herbicide.
- ✓ Do not graze or feed soybean hay within 60 days after application of Butyrac 200 tank mix application.
- ✓ Do not harvest beans within 60 days after spray application.
- ✓ Do not treat soybeans with a tank mixture of BUTYRAC 200 broadleaf herbicide and SEVIN® carbaryl insecticide as severe injury may result.

TANK MIXTURES OF BUTYRAC® 200 BROADLEAF HERBICIDE AND OTHER HERBICIDES

Applying tank mixtures of low rates of BUTYRAC® 200 broadleaf herbicide with other soybean herbicides as directed below can reduce competition from early weed populations and can improve weed control or control mid- to late-season weed populations, thus minimizing the likelihood of yield reduction in soybean fields with heavy broadleaf weed infestations. However, treating soybeans under stress (as from drought or disease such as Phytophthora root rot) or in any other manner not directed on this label can cause crop injury and yield reduction. The advantage of treating weeds with an appropriate tank mixture should be balanced against any potential for loss. Base your decision on an evaluation of each factor. Follow the local recommendations of your state, Cooperative Extension Service, or other agricultural weed control authority. The only tank mix registered for use in California is BUTYRAC® 200 plus Lorox L.

BROADCAST OVERALL TREATMENT

BUTYRAC® 200 Broadleaf Herbicide Plus Alanap®-L for soybeans

For postemergence control of mid-season cockleburs, giant ragweed, wild mustard, volunteer sunflower.

For best results use 3 ounces of Butyrac 200 plus 2 quarts of Alanap-L on weeds that are 10-12 inches tall. For weeds taller than 12 inches, use 4 ounces of Butyrac 200 and 3 quarts of Alanap-L. Butyrac 200 + Alanap-L used according to directions will control or suppress growth of above weeds.

GROUND APPLICATION

Spray 3 to 4 ounces of BUTYRAC 200 broadleaf herbicide with 2 to 3 quarts of Alanap-L in 10 to 20 gallons of water per acre (broadcast rate) on soybeans that are about 18 inches tall (7 to 10 days before bloom through mid-bloom).

The spray boom should be positioned 18-24" above the tops of the soybean plants or weeds and be equipped with hollow cone nozzles. Maintain a sufficient spray pressure (approximately 40 psi) to insure thorough coverage of all weeds.

AERIAL APPLICATION

Apply 3 to 4 ounces of BUTYRAC® 200 Broadleaf Herbicide with 2 quarts of Alarap-L on weeds that are 10-12 inches tall such as common cocklebur, giant ragweed, wild mustard or sunflower. However, if these weeds are taller than 12 inches use 4 ounces of BUTYRAC 200 with 3 quarts of Alarap-L.

If applied according to directions BUTYRAC® 200 Herbicide with Alarap-L will control or suppress growth of above weeds, reducing their competition with the soybean crop.

NOTE: Applications of this tank mix should not be made when weather conditions favor drift. Do not apply this tank mix if rain is expected within 6 hours after application. Observe all precautions and limitations on the labels for BUTYRAC® 200 and Alarap-L.

BUTYRAC® 200 Broadleaf Herbicide Plus Basagran® Herbicide for Soybeans.

For improved postemergence control of annual morningglories and cocklebur.

To the label rate of Basagran Herbicide selected according to the other weed species present, add 2 fluid ounces per acre of BUTYRAC 200 broadleaf herbicide for annual morningglories and cockleburs.

Broadcast the tank mix of BUTYRAC® 200 Broadleaf Herbicide and Basagran Herbicide when weeds are actively growing and before annual morningglory vines are a maximum of 6 inches long in the South (AL, AR, FL, GA, LA, MS, NC, OK, SC, TN, TX, VA) or a maximum of 10 inches long in all other states. This is normally up to the time when soybeans have two expanded trifoliate leaves. If application is delayed until weeds are larger than maximum size stated on the Basagran herbicide label, control will be inadequate.

Use a minimum of 20 gallons of total spray mixture per acre with ground equipment and 40 psi pressure with flat fan or hollow cone nozzles spaced 20 inches apart.

Fill the spray tank half way with water, add the recommended amount of BUTYRAC® 200 and Basagran Herbicides while the agitator is running, then finish filling.

The tank mix is effective partly through contact action, so weeds must be thoroughly covered with spray. Canopies of large crop and weed leaves shelter smaller weeds and prevent adequate spray coverage. Soybeans tolerate the tank mix of BUTYRAC 200 broadleaf herbicide and Basagran; however, under certain conditions soybean leaves may burn, crinkle and bronze.

NOTE: Observe all precautions and limitations on the labels for BUTYRAC 200 and Basagran.

BUTYRAC® 200 BROADLEAF HERBICIDE PLUS BLAZER® 2L HERBICIDE FOR SOYBEANS

For controlling morningglories, cockleburs, common ragweed, jimsonweed and redroot pigweed when weed size exceeds that specified on the Blazer 2L label.

Mix 2 fluid ounces of BUTYRAC® 200 with 1.5 to 2 pints of Blazer 2L for each acre being treated.

For optimum control, apply the tank mixture of BUTYRAC™ 200 Herbicide and Blazer 2L to weeds growing actively, before they are 12 inches tall or long. Applications at later stages will result in partial control or suppression. The use of this tank mix will cause soybean foliage injury and may reduce yields. Control with this mixture may decrease with increasing weed size, weed density or heavy soybean canopy, due to poor spray coverage. Treatment at late stages will only partially control or merely suppress large weeds.

For best results, the tank mixture of BUTYRAC® 200 Broadleaf Herbicide and Blazer 2L Herbicide should be applied with ground equipment. Always use at least 20 gallons of water per acre to assure maximum coverage of weeds partially covered by soybean foliage. In extremely weedy fields, increasing the spray volume above 20 gallons of water will usually assist in activity. When using this tank mixture, nozzle pressures must not exceed 40 psi to avoid excessive spray drift. The addition of surfactant is not recommended since hormonal crop response will be intensified.

NOTE: Observe all precautions and limitations on the labels for BUTYRAC® 200 and Blazer 2L Herbicides.

BUTYRAC® 200 broadleaf herbicide plus Reflex 2LC herbicide for soybeans

BUTYRAC® 200 broadleaf herbicide may be applied in a tank mixture with Reflex 2LC for improved postemergence control of morningglory (annual, ivyleaf, tall); common cocklebur; and ragweed (common, giant).

Use 2-3 ounces of BUTYRAC® 200 with the appropriate label rate of Reflex 2LC. Refer to the Reflex label for details on regarding geographical recommendation, rotation limitations, application stage and weed species controlled. Follow all use precautions and restrictions for both BUTYRAC® 200 and Reflex.

DIRECTED TREATMENT

BUTYRAC® 200 BROADLEAF HERBICIDE PLUS LOROX® L ON SOYBEANS

For directed postemergence control of morningglory, sicklepod, teaweed, cocklebur, velvetleaf, sesbania and other problem weeds.

Apply BUTYRAC™ 200 Broadleaf Herbicide plus LoroX L as a directed spray to cover weed foliage with minimum contact of the soybean plant. Do not spray higher than 3 inches on the soybean stem or crop injury may result. Do not spray overtop of soybean plants.

For soybeans at least 8 inches high and when weeds do not exceed 4 inches in height, apply 13 fluid ounces of BUTYRAC® 200 Broadleaf Herbicide with 1 pint of Lorox L per acre. A second application may be made if needed, but do not make more than two applications per season.

For directed broadcast application, use a single flood-type spray nozzle (K series or equivalent) per middle mounted on an oiling shoe or gauge wheel. For directed band treatment, use two nozzles per row mounted on oiling shoes or gauge wheels, one on each side of row. To avoid spray drift, which may cause crop injury, do not exceed nozzle pressure of 25 psi or use nozzle tips smaller than 8002 TeeJet (or equivalent) and do not spray when it is windy. For best results, use a preemergence treatment or cultivation to control early weed growth and to increase the differential between height of soybeans and weeds.

NOTE: Do not use on sands, loamy sands or gravelly soils, on exposed subsoils, or on soils with less than 1/2% organic matter. Do not apply within 60 days of harvest. Do not feed soybean forage or hay to livestock from fields treated postemergence. Harvested soybeans may be used for food, feed, or oil purposes.

Observe all precautions and limitations on labels for BUTYRAC® 200 and Lorox L.

BUTYRAC® 200 BROADLEAF HERBICIDE PLUS SENCOR® FOR SOYBEANS

For controlling weeds that escape preplant or preemergence herbicides or for new flushes of weeds germinating after soybeans have emerged.

Apply as a directed spray in a 6 to 8 inch band on each side of the row after soybeans are 8 inches tall and before broadleaf weeds are 3 inches tall and grasses and common ragweed are 1 inch tall.

Add 0.9 pint of BUTYRAC® 200 Broadleaf Herbicide to 1/3-2/3 pound Sencor DF per broadcast acre, depending on the weed species. Use the lowest rate for Florida beggarweed, redroot pigweed (carelessweed), carpetweed, common cocklebur, dayflower, Mexicanweed, common purslane, sicklepod (coffeeweed), velvetleaf, and large and smooth crabgrass. Use 1/2 to 2/3 pound Sencor DF per broadcast acre for hemp sesbania, prickly sida (spiny sida or teaweed), and 2/3 pound per acre for burcucumber, common ragweed, morningglory species, wild gourd, and wild poinsettia. At the rate of 2/3 pounds Sencor DF per broadcast acre horsenettle, Florida purslane (Florida pusley) and spotted spurge are suppressed when Sencor is applied before these weeds are 3 inches tall. This rate will suppress broadleaf signalgrass up to 1 inch tall.

Equivalent rates of Sencor 4 may be used.

To prepare the mixture, fill the sprayer tank half full of water and add the required amount of Sencor. Agitate thoroughly, then add the required amount of BUTYRAC® 200 Broadleaf Herbicide and add more water to fill sprayer tank to desired level.

For maximum contact activity plus residual weed control, a directed broadcast application between the rows is recommended. For best results the spray must cover weed foliage with minimum or no contact of soybean foliage. Add Ortho® X-77 non-ionic spreader or similar surfactant/oil combination to the spray mixture to wet the weed leaf surfaces better.

Do not apply Sencor directly to soybeans or serious crop injury will occur. Soybean leaves contacted by the spray will be killed. Limit spray to only the lower 1/4 to 1/3 of soybean plants. Soybean leaves contacted by the spray will be killed.

Do not apply Sencor postemergence to Tracy, Semmes, Altona, Vansoy, or Coker 102, Coker 156, Portage, Maple Amber, Govan, NKS-1884, Terra-Vig 505, Terra-Vig 606, Vinton 81, Asgrow 6520, Agri Pro 55 and Agri Pro 71 soybeans.

Observe all precautions and limitations on the labels for BUTYRAC 200 and Sencor.

WEED CONTROL IN PEANUTS

BUTYRAC® 200 BROADLEAF HERBICIDE WILL CONTROL OR SUPPRESS THE FOLLOWING WEEDS DEPENDING ON WEED SIZE:

<u>MAXIMUM SIZE</u> <u>COMMON NAME</u>	<u>BOTANICAL NAME</u>	<u>CONTROLLED*</u>
pigweed or carelessweed	<u>Amaranthus spp.</u>	3 inches
morningglory	<u>Ipomoea spp.</u>	3 feet
cocklebur	<u>Xanthium spp.</u>	3 feet
velvetleaf	<u>Abutilon theophrasti</u>	1 inch
Virginia copperleaf	<u>Acalypha virginica</u>	1 inch
teaweed	<u>Sida spinosa</u>	1 inch
common ragweed	<u>Ambrosia artemisiifolia</u>	1 inch
jimsonweed	<u>Datura stramonium</u>	1.5 inches
devilsclaw	<u>Proboscidea louisianica</u>	2 inches
goatweed	<u>Croton lindheimeri</u>	1 inch
lambsquarters	<u>Chenopodium album</u>	1 inch
silverleaf nightshade	<u>Solanum elaeagnifolium</u>	4 inches

* Growth of larger weeds will be only suppressed.

For best results apply BUTYRAC® 200 Broadleaf Herbicide to peanuts when the weeds are 1 to 2 inches in size. For ground application, use 10 to 30 gallons of spray solution per acre. For air application use a minimum of 5 gallons of spray solution per acre.

Alabama, Arkansas, Florida, Georgia, Louisiana, North Carolina, South Carolina, Tennessee

Apply 0.8 pint to 1.0 pint (12.8 to 16 fluid ounces) of BUTYRAC® 200 Broadleaf Herbicide per acre on peanuts 2 to 12 weeks after planting. For late germinating cockleburs and morningglories, make a second application about 3 weeks after the first one.

In the Virginia-Carolina area, do not apply later than 45 days before harvest.

Oklahoma, Texas, New Mexico

Apply 0.8 to 1.6 pint (12.8 to 25.6 fluid ounces) of BUTYRAC® 200 Broadleaf Herbicide per acre. Use the low rate on morningglories and cockleburs up to 12 inches in size. Use the higher rate on other weeds as listed above. BUTYRAC® 200 Broadleaf Herbicide may be applied twice during the season. For best suppression of Sida make applications 14 days apart. The second application should be made not more than 100 days after planting or 30 days before harvest.

Do not feed treated peanut vines or peanut hay to livestock. Do not apply BUTYRAC® 200 Broadleaf Herbicide if peanut plants are under stress from drought as injury may occur.

WEED CONTROL IN SEEDLING ALFALFA, BIRDSFOOT TREFOIL, ALSIKE, LADINO OR RED CLOVER

Best results will be obtained by applying BUTYRAC® 200 Broadleaf Herbicide to spring- or fall-seeded legumes after their emergence when seedling weeds are small, no more than 2-3 inches high or rosettes less than 2 inches across and not bolting. Later application to more mature weeds or to new growth from old established weeds will not be satisfactory.

Weed and crop seedlings should be growing strongly for greatest selectivity. Control is difficult under cold or droughty conditions. Rainfall within 7-10 days after treatment can cause injury. For irrigated crops, apply BUTYRAC® 200 Broadleaf Herbicide as soon as possible after irrigation. Delay the next irrigation for at least 7 to 10 days after spraying.

WEED CONTROL IN ESTABLISHED ALFALFA

Certain weeds will emerge in the fall and over-winter in the rosette stage. Best control of these weeds will result from postemergence treatment in late fall or early winter rather than in spring when weeds are no more than 2-3 inches high or rosettes less than 2 inches across. Follow state recommendations for timing and rates to be used under local conditions.

Rainfall within 10 days after treatment can cause injury.

Overhead sprinkler irrigation should be delayed as long as possible (10 days or more) following application of BUTYRAC® 200 Broadleaf Herbicide to avoid washing the chemical into the root zone. In established alfalfa there may be some twisting of stems and malformation of leaves. This condition is usually outgrown.

SEE ADDITIONAL USE PRECAUTIONS BELOW

BUTYRAC 200 BROADLEAF HERBICIDE DIRECTIONS FOR USE IN SEEDLING AND ESTABLISHED ALFALFA AND IN SEEDLING BIRDSFOOT TREFOIL, ALSIKE, LADINO OR RED CLOVER

SEEDLING BROADLEAF WEEDS CONTROLLED:

Common lambsquarters, redroot pigweed, field pennycress, wild mustard, common ragweed, cocklebur, yellow rocket, Russian thistle, annual morningglory species:

- Less than 1 inch high 1 to 2 quarts per acre
- 1 to 3 inches high 2 to 3 quarts per acre

Smartweed, curled dock:

- Up to 3 inches high 3 quarts per acre

This material does not adequately control over-wintered pennycress and mustards. Use the higher rate in dry, low humidity areas.

Apply BUTYRAC 200 broadleaf herbicide in 10 or more gallons of water per acre when using ground equipment and in at least 5 gallons per acre with aerial equipment. The volume of spray applied should provide good coverage.

USE PRECAUTIONS

1. Do not graze established alfalfa or feed straw or hay from treated crops to livestock within 30 days after application. Do not graze or feed seedling alfalfa, clover or birdsfoot trefoil within 60 days after application.
2. Do not use on sweet clover, peas or other legumes not mentioned, nor on established clovers grown for seed.
3. Do not apply when crop is stressed from lack of moisture.
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° during or shortly after treatment.
5. Do not add any wetting agents or detergents to the spray solution.

WEED CONTROL IN CONSERVATION RESERVE PROGRAM AREAS

BUTYRAC® 200 broadleaf herbicide can be used to control seedling broadleaf weeds in Conservation Reserve Program (CRP) areas, with cover crop stands of grasses (minimum 6 leaf stage or tillering) seedling or established alfalfa and seedling birdsfoot trefoil, alsike, ladino or red clover. If established alfalfa is in the CRP cover crop treated with BUTYRAC® 200, some temporary twisting of stems and malformation of leaves may occur.

Rainfall within 10 days after treatment can cause injury to legumes in CRP areas.

Overhead sprinkler irrigation should be delayed as long as possible (10 days or more) following application of BUTYRAC® 200 to avoid washing the chemical into the root zone and causing legume injury.

SEE ADDITIONAL USE PRECAUTIONS BELOW

BUTYRAC 200 BROADLEAF HERBICIDE DIRECTIONS FOR USE IN CRP AREAS CONTAINING GRASSES (MINIMUM 6 LEAF STAGE & TILLERING) AND SEEDLING OR ESTABLISHED ALFALFA AND SEEDLING BIRDSFOOT TREFOIL, ALSIKE, LADINO OR RED CLOVER

SEEDLING BROADLEAF WEEDS CONTROLLED:

Common lambsquarters, redroot pigweed, field pennycress, wild mustard, common ragweed, cocklebur, yellow rocket, Russian thistle, annual morningglory species:

- Less than 1 inch high..... 1 to 2 quarts per acre
- 1 to 3 inches high..... 2 to 3 quarts per acre

Smartweed, curly dock:

- Up to 3 inches high..... 3 quarts per acre

This material does not adequately control over-wintered field pennycress and mustards.

Use the higher rate in dry, low humidity areas.

Apply BUTYRAC 200 broadleaf herbicide in 10 or more gallons of water per acre when using ground equipment and in at least 5 gallons per acre with aerial equipment. The volume of spray applied should provide good coverage.

SEE ADDITIONAL USE PRECAUTIONS BELOW.

USE PRECAUTIONS:

1. Do not graze or harvest treated CRP areas.
2. Do not use on sweet clover, peas or other legumes not mentioned nor on established clovers if seed production is desired.
3. Do not apply when cover crop is stressed from lack of moisture.
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 as excessive legume injury may result.
5. Do not add any wetting agents or detergenets to the spray solution.

STORAGE AND DISPOSAL

STORAGE

Do not store near fertilizers, seeds, insecticides, or fungicides.

PESTICIDE DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

✓ Pesticide wastes are acutely hazardous. 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). 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.

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.

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 OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BUTYRAC is a registered trademark of UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY INC.

SEVIN is a registered trademark of UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY INC.

Alanap is a registered trademark of Uniroyal Chemical Division of Uniroyal, Inc.

Basagran is a registered trademark of BASF Wyandotte Corporation

Blazer is a trademark of Rohm and Haas Company

Lorox is a registered trademark of E. I. du Pont de Nemours & Company, Inc.

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING - 18 pt type

Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash clothing after handling. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear goggles of safety glasses.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not apply when conditions favor drift from target areas. Do not contaminate water by cleaning of equipment or disposal of waste.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

GENERAL DIRECTIONS

TRIAMINE WEED AND FEED 25-3-3 is a stable mixture of three phenoxy herbicides. It is for use on lawns, turf (not pastures), aprons, tees, and roughs.

DIRECTIONS

Read entire label before using this product.

This product may be used on bluegrass, fescue, rye, bermuda, bahia, zoysia, and St. Augustinegrass lawns. DO NOT USE on dichondra and carpetgrass. DO NOT USE this product where desirable clovers are present or allow this product to "win drift" on flowers, vegetables, ornamentals, shrubs, trees, or other desirable plants.

NORTHERN GRASSES

✓ WHEN TO APPLY: Best results are obtained when weeds are growing rapidly in spring or early fall. IMPORTANT: Apply when grass is moist (after a rain, sprinkling, or dew). For most effective broadleaf killing action, avoid unnecessary disturbances, including watering, on treated areas for 48 hours after application. Watering will wash off weed killing material. Do not reseed for at least 3 to 4 weeks after application. Do not apply to newly seeded or sodded lawns until after 3 mowings.

SOUTHERN GRASSES

WHEN TO APPLY: Best results are obtained when weed are growing rapidly in the spring. IMPORTANT: Apply when grass is moist (after rain, sprinkling, or dew). DO NOT water lawn after material is applied, as watering will wash off weed killing material. For most effective broadleaf killig action, avoid unnecessary disturbance of treated areas for 48 hours after application. Avoid contact with valuable shrubs, plants, or flowers. Possible retreatment may be necessary if lawn is heavily overrun with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not overapply. Under conditions of adequate moisture, high temperature, and high humidity, over-application may cause minor transitory discoloration on St. Augustine.

CAUTION: It is recommended that during hot, dry conditions, application rates should be reduced by one half to avoid possible dehydration or browning of grass.

✓ Do not reseed for at least three to four weeks after application. Do not apply to newly seeded or sodded lawns until after three mowings.

HOW TO APPLY:

✓ Apply evenly with a lawn spreader either as one pass application or a two pass application, criss-crossing the area using a half rate each time. Lawns that are heavily over-run with weeds and are in poor condition may require more than one application of this product. A suggested second application should be made in approximately thirty days.

The following settings are approximate for applying contents of this package. Settings are based on average walking speed. Reduce setting for slower speed and raise setting for higher speed.

SPREADER SETTINGS:	MAKE	SETTING
	Cyclone	5 1/4 - 5 3/4
	Scotts 35	5 1/2
	Scotts	C-1 J-1
	Central	7 - 8
	K-Mart	7 - 8
	Montgomery Wards	6 3/4
	(1091, 1093, 1095)	

These settings are approximate. Check your spreader ✓ on 250 Sq.Ft. and adjust to apply at the rate of 1 pound for 250 Sq.Ft. Clean spreader thoroughly after each use.

This product is designed for control of broadleaf weeds in lawns such as:

Black Medic	Lambsquarter	Speedwell
Buckhorn	Mallow	Spurge
Burdock	Morning Glory	White Clover
Chickory	Pigweed	Wild Carrot
Chickweed	Plantain	Wild Onion
Clover	Poison Ivy	Wild Lettuce
Dock	Poison Oak	Wild Garlic
Dandelion	Purslane	Yarrow
English Daisy	Ragweed	And other similiar
Ground Ivy	Red Clover	Broadleaf weeds
Heal-All	Red Sorrel	
Knotweed	Stitchwort	

STORAGE AND DISPOSAL

STORAGE: Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals. Do not store near food or feedstuffs. To prevent cross-contamination, do not store near other fertilizers, or near herbicides, insecticides, fungicides, or seeds.

PRODUCT DISPOSAL: To dispose of bags which contain unused product, securely wrap bag in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty bag. Fold empty bag and discard in trash.

NOTICE: Seller warrants that this product conforms to the ingredient statement on the label. Since conditions of use, such as weather, compatability with other products, and conditions of application equipment will vary, Seller makes no claims other than those stated on this label.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N).....	25%
1.8% Ammonical Nitrogen	
16.5% Urea Nitrogen	
6.7% Sulfur Coated Urea	
Available Phosphoric Acid (P2O5).....	3%
Soluble Potash (K2O).....	3%
Sulfur (S).....	2%
Iron (Fe).....	0.7%

Plant Food Derived From: Urea, Sulfur Coated Urea, Ammoniated Phosphate, Muriate of Potash. Sulfur Derived From Sulfur Coated Urea. Iron Derived From Ferric Oxide.

Potential Acidity Equivalent to 1100 Lbs. Calcium Carbonate Per Ton.