

PRODUCT NO.  
**2100**

ACCEPTED  
DEC 2 1980  
359-502

# BUTOXONE SB®

## HERBICIDE

NET CONTENTS  
GALLONS  
(Liters)

For the control of certain seedling broadleaf weeds in Peanuts and Soybeans.

**ACTIVE INGREDIENT:**

Dimethylamine salt of 4-(2,4-dichlorophenoxy) butyric acid 23.0%

**INERT INGREDIENTS** 77.0%

\*Equivalent to 19.5% by weight of 4-(2,4-dichlorophenoxy) butyric acid, or not more than 1.75 lbs. 4-(2,4-DB) acid per gal. at 68°F.

### Keep Out of Reach of Children CAUTION

#### 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:** Wash with plenty of soap and water. Get medical attention if irritation persists.

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

See Side Panel for Additional Precautionary Statements

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Wash thoroughly after handling. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist.

**ENVIRONMENTAL HAZARDS:** Keep out of lakes, streams, or ponds. Do not apply when weather conditions favor drift from target area.

#### 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 or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container. Do not store near fertilizers, other pesticides, or seeds. Store at temperatures above 32°F. If allowed to freeze remix before using.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) or dispose in approved landfill or bury in a safe place. Do not burn.

Consult Federal, State or Local Disposal Authorities for approved alternative procedures.

Apply this product only as specified on this label.

**NOTE:** Avoid spray drift to susceptible plants and crops; cotton, tobacco, tomatoes, ornamentals, etc. Coarse sprays are less likely to drift. Spray equipment previously used to apply another phenoxy must be thoroughly cleaned with alkali and water prior to use with Butoxone SB. Similarly after using Butoxone SB wash sprayer thoroughly before using again to spray susceptible crops. Do not use near greenhouses.

Use agitation to keep emulsion well mixed, especially if emulsion has been allowed to stand.

Calibrate sprayer accurately.

DO NOT APPLY WHEN CROP IS STRESSED FROM LACK OF MOISTURE.

#### PEANUTS

**APPLICATION:** Apply Butoxone SB postemergence as an overall spray by ground sprayer or airplane. With ground applications use a boom sprayer with flat fan-type nozzles. Adjust the height of the boom above the crop so the growing terminals of all weeds are sprayed. Use low pressure (about 20 to 40 lbs. per square inch). Do not use boom jet nozzles. With airplane applications Butoxone SB has been successfully applied using 5 gallons of total solution per acre. The height of the application should insure thorough coverage of the tops of the weeds. Best control has resulted from airplane applications with coarse spray when Cocklebur is at least crop high and actively growing. Other weed species should be in the seedling stage and actively growing. Airplane application is not recommended in the vicinity of susceptible crops. Do not apply if peanuts are suffering from lack of moisture.

**AMOUNT TO USE:** Apply the recommended rates as indicated in the table below.

BROADLEAF WEEDS	Rate of Butoxone SB per Acre
Cocklebur ( <i>Xanthium spp.</i> )	1 pint
Annual Morningglory ( <i>Ipomoea spp.</i> ) Common Lambsquarters ( <i>Chenopodium album</i> ) Common Ragweed ( <i>Ambrosia artemisiifolia</i> ) Jimsonweed ( <i>Datura stramonium</i> ) Sicklepod (Coffeeweed) ( <i>Cassia obtusifolia</i> ) Velvetleaf ( <i>Abutilon theophrasti</i> )	1 3/4 pints

Do not apply more than two applications per season; the second application should be made no later than the late bloom stage of peanuts (about 90 to 100 days after planting). Do not feed treated peanut vines and peanut hay to livestock. Do not apply to peanuts within 30 days of harvest.

#### SOYBEANS

**APPLICATION:** Apply Butoxone SB postemergence as an overall spray by ground sprayer or airplane. With ground applications use a boom sprayer with flat fan-type nozzles. Adjust the height of the boom above the crop so the growing terminals of all weeds are sprayed. Use low pressure (about 20 to 40 lbs. per square inch). Do not use boom jet nozzles. With airplane applications Butoxone SB has been successfully applied using 5 gallons of total spray solution per acre. The height of the application should insure thorough coverage of the tops of the weeds. Best control has resulted when Cocklebur is at least crop high and actively growing. Airplane application is not recommended in the vicinity of susceptible crops. Do not apply if soybeans are suffering from lack of moisture.

#### TOPICAL (OVERHEAD) APPLICATIONS

Apply from 7 to 10 days before soybeans bloom through mid-bloom. A good indication that the beans are about to bloom is when the soybean plants have turned a dark green color. If application is made from 7 to 10 days before bloom, apply 1 gallon of Butoxone SB per 10 acres; if application is made from early bloom through mid-bloom, apply 1 gallon of Butoxone SB per 8 acres. Use sufficient water to obtain adequate coverage. The rates recommended are for the control of Cocklebur. These rates will also stunt or partially control certain other weeds including Annual Morningglory, Velvetleaf, and Jimsonweed. In the Midwest use only as a directed application since topical application may reduce soybean yields.

#### DIRECTED APPLICATIONS

For best results apply when weeds do not exceed 3 inches in height. Good coverage of the growing terminals of weeds is essential for effective control. Do not allow spray pattern to contact more than the lower one-third of the soybean plants.

Do not apply more than two applications per season. Precise application is essential to prevent damage to the crop. In order to maintain the correct spraying height, nozzles must be mounted on oiling shoes, skid shoes, or on cultivators with gauge wheels. Do not use booms with drop nozzles.

First Application: Apply as a directed spray when soybeans are 8 to 12 inches tall and weeds have emerged.

Second Application: Apply as a directed spray no later than mid-bloom stage.

**AMOUNT TO USE:** Apply the recommended rates as indicated in the table below.

BROADLEAF WEEDS	Rate of Butoxone SB per Acre
Cocklebur ( <i>Xanthium spp.</i> )	1 pint
Annual Morningglory ( <i>Ipomoea spp.</i> ) Common Lambsquarters ( <i>Chenopodium album</i> ) Common Ragweed ( <i>Ambrosia artemisiifolia</i> ) Jimsonweed ( <i>Datura stramonium</i> ) Sicklepod (Coffeeweed) ( <i>Cassia obtusifolia</i> ) Velvetleaf ( <i>Abutilon theophrasti</i> )	1 3/4 pints

While some temporary twisting of soybean plants may follow an application, this will have little or no permanent effect on the crop.

Applications made under adverse growing conditions, such as periods of drought, will result in injury to the beans; under such conditions the crop should not be sprayed.

Do not spray Butoxone SB on soybeans showing a general infestation of Phytophthora.

Do not apply more than the recommended amount.

Do not harvest soybeans within 60 days after application.

Do not use on soybeans grown West of the Rocky Mountains.

This product conforms to the chemical description on the label hereof and is reasonably fit for purpose stated on such label only when used in accordance with directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage, or handling of this material, not in strict accordance with directions given herewith.

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Manufactured By  
**RHÔNE-POULENC CHEMICAL COMPANY**  
AGROCHEMICAL DIVISION  
Monmouth Junction, N.J. 08852



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