

### A Chipman Weed Control Product

# BUTOXONE SB®

## Post-Emergence Weed Killer for Cocklebur Control in Soybeans



On right are 10 plants from treated area, with beans pulled off and piled in front; on left are 10 plants with bean yield from untreated area.

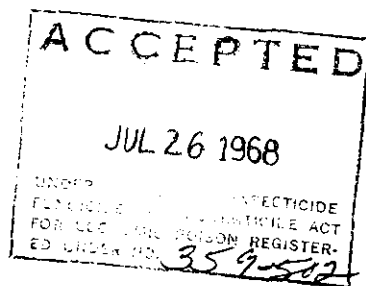
SEE REVERSE SIDE FOR LABEL INFORMATION

• BUTOXONE SB is a liquid amine formulation of 4-(2,4-DB) . . . applied as a water-mixed spray just prior to the soybean pre-bloom to mid-bloom period.

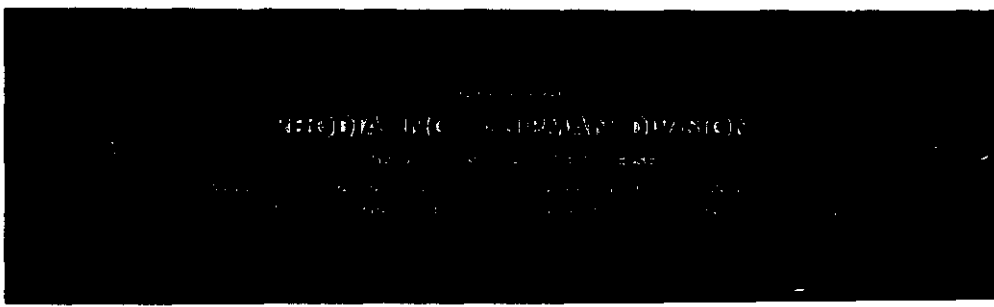
• More and more soybean growers are using BUTOXONE SB because they get:

1. Low-cost, post-emergence control of cocklebur with one application. Other weeds including annual morning glory, velvet leaf, jimson weed and giant ragweed are stunted or partially controlled at the recommended rate for cocklebur.
2. Prevention of weed seeding, including cocklebur and other broadleaves listed.
3. Higher yields by getting rid of costly weed competition.
4. Easier and faster combining.

• BUTOXONE SB is the only type of post-emergence weed killer used commercially for cocklebur control in soybeans.



CONTAINER SIZES		
30 gal. drums		
5 gal. drums		
1 gal. cans, 6 in case		



PRODUCT NO.  
**105**

# BUTOXONE SB<sup>®</sup>

NET CONTENTS  
GALLONS

## A SELECTIVE WEED KILLER

For use as a foliage spray on soybeans to control Cocklebur.

### 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 less than 1.75 lbs. 4-(2,4-DB) acid per gal. at 68°F.

U.S. Patent No. 2,863,754 and U.S. Patent No. 2,866,816

### CAUTION: Keep Out of Reach of Children

**CAUTION:** Avoid contact with skin, eyes or clothing. Do not use so as to contaminate water intended for irrigation or domestic purposes. Do not re-use shipping containers. Do not store near fertilizers, insecticides, fungicides or seeds. Store at temperatures above 32°F. If allowed to freeze, re-mix before using. Avoid spray drift to susceptible plants and crops as it may injure cotton, tobacco, tomatoes, ornamentals, etc. (Coarse sprays are less likely to drift). Do not use on drought stressed beans or damage may result. Small amounts of 2,4-D, MCPA, silvex or 2,4,5-T may damage soybeans; sprayers previously used to apply these chemicals must be thoroughly cleaned with alkali and water before being used for applying Butoxone SB. Similarly, after using Butoxone SB give sprayer a thorough cleaning out before using it again to spray susceptible crops. Contact your supplier for special instructions on cleaning spray equipment.

### GENERAL INFORMATION

Apply Butoxone SB when Cocklebur are so abundant that they threaten to reduce crop yields. Although effects on susceptible weeds can generally be seen within a few days of application, weed kill is generally slow and may not take place in some cases, until later in the season. While some temporary twisting of the 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 poor weed control and injury to the beans. Under such conditions the crop should not be sprayed.

**EFFECTS ON WEEDS:** The rates recommended are for the control of Cocklebur (*Xanthium* spp.). These rates will also stunt or partially control certain other weeds including Annual Morning Glory (*Ipomoea* spp.), Velvet Leaf (*Abutilon* spp.), Jimson Weed (*Datura* spp.), and Giant Ragweed (*Ambrosia* spp.).

At the rates recommended for use on soybeans, Butoxone SB has little or no effect on smartweed, common ragweed, lambsquarters, pigweeds, grasses and other weeds not listed.

### DIRECTIONS

**WHEN TO USE:** Apply from 7 to 10 days before soybeans bloom through mid-bloom. When the soybean plants have turned a dark green color is usually a good indication that the beans are about to bloom. Do not harvest within 60 days of application. **Caution:** Do not apply if soybeans are suffering from lack of moisture. **AMOUNT TO USE:** Apply recommended amount of Butoxone SB with 10 to 12 gals. of water per acre, according to the rates given in the following table:

If Application is Made	Apply 1 gal. Butoxone SB
7 to 10 days before bloom	to 10 acres
Bloom through mid-bloom	

Do not apply more than the recommended amount. For information on sprayer calibration consult your County Agent or dealer.

**HOW TO APPLY:** Uniform overall coverage is essential—**Ground Spray Applications:** Use flat fan nozzles. Do not use drop or directed spray or boom jet nozzles. Adjust boom height above the crop so the tops of all weeds are sprayed. Use low pressure (about 20 to 40 pounds per square inch).

**Airplane Application**—Butoxone SB has been successfully applied by airplane using 5 gals. of total solution per acre. The herbicide 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. Airplane application is not recommended in the vicinity of susceptible crops, such as cotton, tomatoes and tobacco.

Local conditions may affect the use of this chemical. Consult your agricultural experimental station or extension service weed specialist for specific recommendations as to dosage and time of application and for control of other weeds.

A Method for weed control in crop areas is covered by U.S. Patent 2,863,754, under which this Company is authorized to extend licenses to others at a royalty rate equal to Ten Cents per pound of active ingredient used. This royalty is included in the price of the product sold under this label. A license to practice the invention with material from any source at the same rate of royalty may be acquired upon written request to the Company.

Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures 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.

**DO NOT Store with Foodstuffs**

Best copy available

SPECIAL

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