

NET CONTENTS

BUTOXONE SB

A Selective Weed Killer

For use as a foliage spray on soybeans to control cocklebur and certain other weeds.

ACCEPTED GALLONS
 6-10-63
 UNDER THE FEDERAL INSECTICIDE ACT
 FUNGICIDE AND ROENTICIDE ACT
 FOR ECONOMIC POISON REGISTERED
 359-502
 TO ATTACHED COMMENTS

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.

U. S. Patent No. 2,863,754

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.

GENERAL INFORMATION

Butoxone SB is recommended for use on soybeans wherever cocklebur or sheepbur (*Xanthium* spp.) is a serious weed problem. Rates recommended for cocklebur will also control annual morning glory (*Ipomoea* spp.) and velvet weed or cotton weed (*Abrus* spp.). Also at these rates, Jimson weed (*Datura* spp.), redroot pigweed (*Amaranthus* spp.) and lambsquarters (*Chenopodium* spp.) may be seriously affected or partially controlled. While some temporary twisting of the soybean plant may follow an application of Butoxone SB, there will be little or no permanent effect on the crop. Effect on cocklebur is noticeable in a few days, but final kill may take several weeks.

DIRECTIONS

WHEN TO USE: Best time to apply is from 7 to 10 days before soybeans bloom and up to mid-bloom, and when weeds are showing above the crop. This is usually after soybean plants have turned a dark green color. Do not apply earlier unless weeds are seriously threatening the stand of beans. If applied after mid-bloom period do not harvest within 60 days of application. **Caution:** Do not apply if soybeans are suffering from lack of moisture.

AMOUNT TO USE: Calibrate sprayer* to deliver 10 to 12 gals. of total solution per acre, at tractor speed and with the spray nozzles to be used in actual application. Calculate how many acres spray tank will cover when full. Mix Butoxone SB with water in the spray tank according to rates given in the following table:

If Application is Made at:	Apply 1 gal. Butoxone SB
7 to 10 days before bloom	to 10 acres
Bloom to mid-bloom	to 8 acres

HOW TO APPLY: Overall coverage is essential - **Ground Sprayer Applications** - Flat fan type jets as used in pre-emergence row applications give best and most uniform results. Do not use drop or directed spray nozzles. Arrange nozzles on boom so that there is one over each row and one over each middle. 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 height of 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 State or local agricultural authorities for specific recommendations as to dosage and time of application and for control of other weeds.

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

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. 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.

Seller makes no warranty of any kind, express or implied, concerning the results of use of this product. Buyer assumes all risk of use or handling whether in accordance with directions or not.

Do NOT Store with Foodstuffs

Manufactured by

CHIPMAN CHEMICAL COMPANY, INC.

Bound Brook, N. J.

Pasadena, Tex.

Portland, Ore.

N. Kansas City, Mo.

Chicago, Ill.

Bessemer, Ala.

Palo Alto, Calif.

St. Paul, Minn.

BB-152M-33

ACCEPTED

JUN 10 1963

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