

359-502

03/13/1963

1/3

PRODUCT NAME: BUTOXONE SB

REGISTRANT: CHIPMAN CHEMICAL COMPANY, INC.
BOUND BROOK, NEW JERSEY

ACCEPTED
MAR 13 1963
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER-
ED UNDER NO. 359-502

BUTOXONE SB

A Selective Weed Killer

For use as a Foliage Spray on Soybeans to Control Cocklebur and certain other weeds.

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. 2,803,754

ACTION: Avoid contact with skin, eyes, or clothing. Do not use so as to contaminate water intended for irrigation or domestic use. Do not reuse 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

GENERAL INFORMATION

Butoxone SB is specially recommended for use on soybeans wherever cocklebur or sheepbur (*Xanthium* spp.) is a serious weed problem. The rates recommended for controlling cocklebur will also control annual morning glory (*Ipomoea* spp.) and Velvet leaf or cotton weed (*Abutilon* spp.) and Jimson weed (*Datura* spp.). Also at these rates pigweed (*Amaranthus* spp.) and Lambsquarters (*Chenopodium* and *Atriplex* spp.) are 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 not 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: The 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 the 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 tract- or speed and with the spray nozzle 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 the rates given in the following table:

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

Do not apply more or less than the recommended amount. For information on sprayer calibration consult your county agent or dealer.

HOW TO APPLY: Complete and overall coverage is essential. Ground Sprayer Application - Flat fan type jets as used in pre-emergence row applications give best and most uniform results. Flood type nozzles may be used if former are not available. Do not use drop or directed spray nozzles. Arrange jets on boom so that there is one over each row and one over each middle. Adjust boom height above the crop so that the tops of all weeds are sprayed. Use low pressure (about 20 pounds/square inch).

Airplane Application - Butoxone SB has been successfully applied by airplane using 5 gals. of total spray 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. In heavy cocklebur infestations when the weeds have overgrown the crop the dosage rate may be increased by applying 1 gal. Butoxone SB on 6 or 7 acres instead of 8 to 10 acres. 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 the control of other weeds.

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.	St. Paul, Minn.
Chicago, Ill.	Bessemer, Ala.	Palo Alto, Calif.	N. Kansas City, Mo.

BB 1/3/63