

ACCEPTED

January 23, 1973

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTRATION
ED UNDER NO. 2749-126

2,4-DB 175

SELECTIVE POST-EMERGENCE HERBICIDE FOR COCKLEBUR CONTROL IN SOYBEANS

ACTIVE INGREDIENT:	
4-(2,4-Dichlorophenoxy) butyric acid, dimethylamine salt*	23%
INERT INGREDIENTS:	77%
TOTAL	100%

*EQUIVALENT BY WEIGHT TO 19.47% 4-(2,4-Dichlorophenoxy) BUTYRIC ACID - 1.75 LBS. ACTIVE PER GALLON.

NET CONTENTS _____
EPA REG. NO. 2749-126

WARNING: KEEP OUT OF THE REACH OF CHILDREN.

KEEP AWAY FROM DOMESTIC ANIMALS AND FOODSTUFFS.

MAY CAUSE IRRITATION OF EYES, NOSE, THROAT AND SKIN. MAY BE HARMFUL IF INHALED OR SWALLOWED. AVOID BREATHING VAPOR OR SPRAY MIST. USE ONLY WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. IN CASE OF CONTACT, FLUSH WITH PLENTY OF WATER. FOR EYES, GET MEDICAL ATTENTION.

DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY CRUSHING OR PERFORATING AND BURYING IN A SAFE PLACE. THIS PRODUCT IS TOXIC TO FISH, BIRDS, AND OTHER WILDLIFE. KEEP OUT OF LAKES, STREAMS, OR PONDS. DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT, OR DISPOSAL OF WASTES. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

DO NOT STORE NEAR FERTILIZERS, SEEDS, INSECTICIDES, OR FUNGICIDES.

DO NOT CONTAMINATE WATER USED FOR IRRIGATION OR DOMESTIC PURPOSES.

THOROUGHLY CLEAN SPRAY EQUIPMENT WITH A SUITABLE CHEMICAL CLEANER BEFORE USING FOR OTHER PURPOSES.

AVOID SPRAY DRIFT TO SUSCEPTIBLE PLANTS, AS THIS PRODUCT MAY INJURE COTTON, BEANS, PEAS, GRAPES, ORNAMENTALS, ETC. (COARSE SPRAYS ARE LESS LIKELY TO DRIFT).

DIRECTIONS FOR USE:

How to mix and apply - 2,4-DB 175 is especially formulated for controlling weeds in soybeans. Do not add any wetting agents or detergents to the spray solution. To make a spray solution, mix 1 gallon of 2,4-DB 175 in 100 gallons of water. Wet weeds thoroughly. Apply 10 to 12 gallons of this spray mixture per acre. Before application, calibrate your sprayer to make sure you apply the proper amount of spray mixture.

Apply as a broadcast spray. Use a boom sprayer that is equipped with flat fan-type nozzles. Space the nozzles making sure that one nozzle is over each row and one nozzle is over each middle. Adjust boom height to give complete coverage of all weeds. Use low pressure (20 - 40 psi).

WHEN TO TREAT

Soybeans - For control of cocklebur: Apply 2,4-DB 175 anywhere from 7 to 10 days before bloom-up to mid-bloom, when soybeans are approximately knee-high and are growing actively. The soybean foliage should be dark green, indicating nodulation and nitrification has already started.

For maximum weed control, do not apply earlier than this stage of growth. Do not apply later as later applications may affect flowering and reduce soybean yields.

During the period before bloom-up to mid-bloom, cocklebur is usually up over the soybeans, forming a protective covering that receives most of the 2,4-DB 175 spray solution. After treatment, the soybeans will show some effects in the form of temporary twisting or curling of the stems and leaves. These effects should disappear in approximately 3 to 5 days and the cocklebur will die out in approximately 3 days to 3 weeks. Do not harvest within 60 days after application.

At rates recommended for controlling cocklebur, ~~coffee~~weed will not be affected. However, certain broadleaf weeds such as redroot pigweed and annual morning glory will be suppressed or partially controlled.



Manufactured for:

ACETO CHEMICAL CO., INC.
AGRICULTURAL CHEMICALS DIV.

126-02 NORTHERN BOULEVARD, FLUSHING, N.Y. 11368