

PM

1 of 1

3125-282

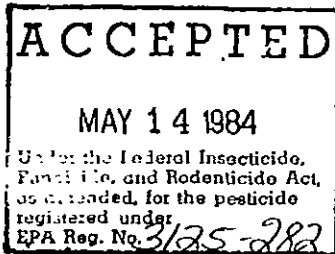
U.S. LABEL

Reason to Issue: To add claims for use
in tank mixtures with Dropp.

Date of Draft: 4/26/84 (Pre-Reg) (H)

EPA Reg. No. 3125-282-AA

® DEF 6



EMULSIFIABLE DEFOLIANT

ACTIVE INGREDIENT:

S,S,S-Tributyl phosphorotri-
thioate 70.5%

AMENDMENT TO PREVIOUSLY REGISTERED LABELING

ADD THE FOLLOWING:

(Cotton)

DEFOLIATION AND INHIBITION OF REGROWTH: (Except California and Arizona)

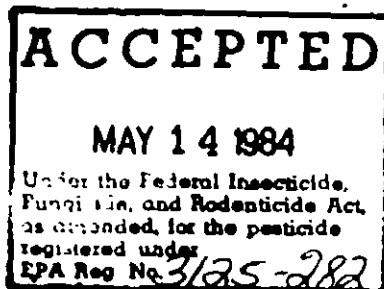
To obtain defoliation, and to provide improved inhibition of regrowth or secondary growth, apply DEF 6 according to label directions, at rates of 1.0 to 1-1/3 pints per acre, as a tank-mix combination with 0.066 to 0.1 lb of Dropp 50WP defoliant and regrowth inhibitor. Best activity will be obtained where the tank mix is applied to mature cotton plants when 60% or more of the bolls are open and where the average mean 24-hour temperature before and after application is above 60°F. Use the lower rates of each product when conditions are favorable for rapid defoliation (high temperatures and high humidity). Adverse conditions, such as low temperature, may require the use of the higher dosages and/or longer times for complete defoliation. A second application of labeled rates of the tank-mix combination, or of DEF 6 alone, may be made where necessary.

Do not apply with adjuvants or use higher than recommended dosages of either product in tank-mix combination, since desiccation may occur.

Apply as a dilute spray in 5 to 10 gallons of water per acre by air or 10 to 25 gallons of water per acre with ground equipment. Do not apply in oil.

When applying DEF 6 defoliant and Dropp 50WP defoliant as a tank-mix combination, the following order of mixing is recommended: (1) water, (2) Dropp 50WP (according to directions on Dropp label), and (3) DEF 6 after Dropp has completely dispersed.

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**LOW ODOR
FORMULATION**

Def 6

Emulsifiable Defoliant

**For fast and effective
cotton defoliation.**

ACTIVE INGREDIENT:

S,S,S-Tributyl phosphorotrithioate 70.5%

INERT INGREDIENTS: 29.5%

100.0%

EPA Reg. No. 3125-282-AA

Contains 6 pounds S,S,S-Tributyl
phosphorotrithioate per U.S. gallon.

STOP—Read the label before use.

WARNING.

Keep out of reach of children.

(See rear panel for warning statements)

~~**CAUTION**~~—Do not use or store
near heat or open flame.

NET CONTENTS 5 GALLONS



Sold by

Mobay Chemical Corporation
Agricultural Chemicals Division
Box 4913, Kansas City, Missouri 64120

ACCEPTED

NOV 1962

3125-285

LOW ODOR FORMULATION

Def
Emulsifiable Defoliant

Aviso.

AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

Directions for use.

IMPORTANT: Read these entire Directions and Conditions of Sale before using DEF 6 emulsifiable defoliant.

Conditions of sale.

The directions on this label were determined through research to be the directions for correct use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that are ordinary and customary in the geographic area where the product is used. Insufficient control of pests may result from the occurrence of extraordinary or unusual weather, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to the crop to which the product is applied, other crops, animals, man, or the environment. Mobay and the seller offer, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather, or failure to follow label directions are beyond the control of Mobay and are, therefore, the responsibility of the buyer.

Under favorable conditions DEF 6 gives effective defoliation of cotton within four to seven days after application. DEF 6 drops the leaves in a green condition and does not appear effective until defoliation actually begins. When continued low temperatures prevail at night (below 60° F.), complete defoliation may require nine to fourteen days. DEF 6 may be used whether or not moisture is present on cotton, and the presence or absence of dew or rain, during or following application, does not adversely affect the performance. DEF 6 does not suppress second growth, especially where rainfall follows defoliation. Schedule all applications in accordance with local recommendations. Consult your State Agricultural Experiment Station or Extension Service for specific use information.

Complete defoliation.

Proper timing: DEF 6 should be applied to mature cotton plants when 50% or more of the bolls are open and 7 to 10 days prior to anticipated picking. Plants are considered suitably mature if the youngest bolls: (1) cannot be bent by pressure between thumb and forefinger or (2) cannot easily be cut through with a sharp knife.

Thorough Coverage: All leaves must be treated to accomplish complete defoliation.

Rainfall: DEF 6 will provide efficient complete defoliation when properly applied, whether rain or dew is present during or after application, but does not suppress second growth, especially in areas where rainfall follows treatment sufficient to delay picking.

Bottom defoliation.

Much seed cotton is lost due to rot and exposure in the bottom bolls which are the first to mature. An application of DEF 6 using shielded drop nozzles (four 8001 fans or two 1/8 K 1 or 1.5 flooding) to the lower leaves where all the bolls are mature will cause the treated leaves to drop, exposing the mature bolls to air movement and sunlight. By removing the top 8 to 12 rows of spindles from a picker, the exposed bolls may be harvested. DEF 6 leaves the plant green and flexible so that no damage is done by the picker to the untreated top leaves and immature bolls. Complete defoliation and picking can follow, usually in 3 to 4 weeks. Other additional benefits gained by bottom defoliation, even without picking the exposed bolls, are:

- Reduction of boll rot (up to 1/4 to 1/2 bale per acre).
- Faster rate of opening of lower mature bolls.
- Reduced lodging.
- Higher grade of cotton.
- More cotton from fewer pickings.

Dilute sprays.

MIXING: DEF 6 forms an emulsion when diluted with water and is suitable for use in all power-operated ground and aircraft sprayers. It is non-corrosive and non-clinging to spray equipment and does not constitute a fire hazard.

DEF 6 may be added to diesel oil, in accordance with local recommendations, to increase effectiveness, particularly where night temperatures drop to below 60° F., where plants have had insufficient moisture, and on storm-proof varieties of cotton. The use of 3 to 5 gallons of oil per acre is generally required for aircraft spraying, while 5 to 10 gallons is recommended for ground applications. Where oils are used, particular care should be exercised to avoid spray drift to adjacent crops.

DOSAGE: Use specified dosage of DEF 6 per acre in the amount of water or diesel oil necessary to give complete coverage. The quantity of water or oil to be used per acre is dependent somewhat upon the equipment used. In all cases, however, sufficient spray should be applied to treat all leaves. Larger droplets more effectively reach the lower leaves. The gallons of water ordinarily required for adequate coverage are recommended in the table below for both air and ground spray applications. Make sure the spray pattern is such that a uniform wetting of leaf surfaces results.

Recomendaciones

CROP

Cotton

Rank Cotton

Precisamente

If ch... thorough

Restricciones

Do not use on Avon... injury or Thor... for other