

ACCEPTED
June 30, 1972
FEDERAL INSECTICIDE
RODENTICIDE ACT
EPA REGISTER-
SUBJECT

1001-112

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT
DIRECTIONS FOR USE**

COTTON: M & D is useful as a directed spray application to weeds in cotton for post-emergent control of weeds and grasses, including Johnsongrass, nutsedge, watergrass, goosegrass, dallisgrass, and cocklebur.

Mix at a rate of 1 gallon of M & D (equivalent to 4 1/2 pounds DSMA Hexahydrate) plus 1 quart of suitable surfactant in 50 gallons of water. Apply at a broadcast rate of 40 gallons of this solution per acre. For band application, apply at a rate of one gallon of this solution for each one inch of band width to be treated on cotton grown in 40 inch rows. A second application may be required during humid growing conditions. Time the second application, if necessary about 1 to 3 weeks after the first application.

APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT FEED TREATED FOLIAGE TO LIVESTOCK, OR GRAZE TREATED AREAS.

Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the recommended treatment, but the cotton plant will develop normally.

NON-CROP: M & D is useful for controlling Johnsongrass, nutsedge, watergrass, goosegrass and other weeds on drainage ditch banks, rights of way, storage yards and similar non-crop areas.

Mix M & D at a rate of 1 gallon of M & D (equivalent to 4 1/2 pounds of DSMA Hexahydrate) plus 1 quart of suitable surfactant in 50 gallons of water. Spray the unwanted vegetation thoroughly to the point of run-off. Any spray equipment that gives good coverage may be used. If regrowth occurs re-treat as required.

NOTICE

No warranty, expressed or implied, is made concerning this material except that it conforms to the chemical description on the label. The buyer assumes all risk in using this material. The seller shall not be responsible for any personal injury or property damage resulting from the handling, storage or use of this material.

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M & D

FOP

POST EMERGENT WEED CONTROL IN COTTON

PRODUCT

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WARNING

Harmful if taken internally. Avoid contact with skin. Avoid breathing dust or spray mist. Wash thoroughly after using. Store in a safe place away from feed and food products. Keep children and domestic animals off treated areas until this product has been washed into the soil.

ANTIDOTE: IF TAKEN INTERNALLY, INDUCE VOMITING AND CALL PHYSICIAN AT ONCE. DO NOT CONTAMINATE WATERS USED FOR DOMESTIC CONSUMPTION, OR WATER USED FOR IRRIGATION PURPOSES.

Use of this product in a manner, or at any time other than in accordance with the directions, may produce plant injury, excessive residues or other undesirable results.

MIXING INSTRUCTIONS

Fill the spray equipment reservoir about half full with water and add the required amount of M & D with agitation. Finish filling the reservoir with water and apply. Continue to agitate thoroughly during application. If the spray equipment is shut off when it still contains some M & D solution, agitate thoroughly before applying again. Do not store spray solution in reservoir or other tank for a prolonged period and clean application equipment thoroughly after use by flushing with water.

APPLICATION METHODS

M & D spray solutions should be applied with a low volume sprayer having satisfactory pumping and bypass action. Nozzles should be placed so as to avoid spraying the cotton foliage, but also so as to give good coverage of the weeds and grasses. Proper coverage is very important.

ADJUST NOZZLES TO DIRECT THE SPRAY IN A MANNER TO ALLOW MAXIMUM COVERAGE OF WEEDS. KEEP SPRAY OFF COTTON FOLIAGE.

ACCEPTED

July-13-1971

1769-100

CAUTION

Avoid contact with skin, eyes or clothing. Harmful if swallowed. In case of contact flush eyes with plenty of water; wash skin with soap and water. Avoid breathing spray mist.

CAUTION:

DO NOT allow solution or spray drift to contact desirable plants. Among crops highly susceptible to 2,4-D and 2,4,5-T injury are cotton, tobacco, blackeyed peas, beans, tomatoes, melons, other vegetables, grapes, fruit trees and some ornamentals. (Coarse sprays are less likely to drift than are fine mist sprays.) It is difficult to completely clean 2,4-D and 2,4,5-T from sprayers or other equipment, therefore do not use such sprayers and other equipment for purposes where even trace amounts of this chemical may cause injury. Do not reuse shipping containers, destroy by crushing and burying. Avoid contamination of water intended for irrigation and domestic use. Do not transport or store near seeds, fertilizers, insecticides or fungicides. Vapors from this product may injure susceptible plants in the vicinity. Do not use or store near heat or open flame. Consult agriculture experiment station or extension service weed specialists for specific recommendations as to dosage and time of application and for control of other weeds and woody plants. Note: Keep spray tank agitated.

Do not graze dairy animals on treated areas within 6 weeks after application. Do not graze meat animals on treated area within 2 weeks of slaughter.

Do not use around the home or recreation areas.

DO NOT STORE WITH FOODSTUFFS.

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Sunnyvale, California

NOTICE

KEEP FROM FREEZING. If this product is stored in cold or freezing weather it may separate or thicken. This will not harm the performance. Before using, warm to room temperature and stir thoroughly.

STER 123

LOW VOLATILE SELECTIVE

**KILLS BROADLEAF WEEDS
AND WOODY PLANTS**

ACTIVE INGREDIENTS

Isooctyl Ester of	
2,4-Dichlorophenoxyacetic Acid	24.5%
Isooctyl Ester of	
2,4,5-Trichlorophenoxyacetic Acid	11.7%

INERT INGREDIENTS 63.8%

CAUTION:

KEEP OUT OF REACH OF CHILDREN

(See left panel for additional precautions.)