



DSM **ACCEPTED**
1022-442
Jul 17, 1968

NET CONTENTS 50 LBS.

USEFUL FOR CONTROL OF CERTAIN GRASSES AND WEEDS

DSMA-100 should always be used in combination with an effective surfactant. While DSMA-100 alone is a moderately effective herbicide, the addition of an effective surfactant makes it a broad spectrum herbicide, useful for many purposes. Surf-Aid has proven to be the most effective surfactant.

DIRECTIONS FOR USE

COTTON

Use DSMA-100 for post-emergence control of certain annual and perennial grasses, weeds and vines such as water grass, goose grass, nut grass, cocklebur, annual morning glory and Johnson grass. DSMA-100 should be used from the time the cotton plants are three to four inches high until first bloom, and not before or after this period. Apply DSMA-100 when grasses and weeds are growing and preferably before they are three inches high. DSMA-100 may be used to treat between rows from drill to drill as a broadcast treatment; or it may be used as a band treatment. DSMA-100 gives maximum results when temperatures are over 70°F. If cotton is six inches high or higher, and if grasses and weeds are over three inches high or growth stressed or if residual control is desired, Tri-Mix should be used in preference to DSMA-100 as Tri-Mix, because of its higher content, will give better and longer lasting control.

Add 3.6 pounds of DSMA-100 plus three pints of Surf-Aid to approximately sixty gallons of water and mix thoroughly to make the spray solution. This solution should be applied at the rate of sixty gallons per acre if soil surface actually sprayed. When making band applications, use an amount of spray solution in proportion to the amount of land surface actually being sprayed. Thus, if spraying a band nine inches wide on either side of the drill for a total band width of eighteen inches with rows spaced forty inches apart, use approximately twenty-seven gallons of spray solution per acre of crop treated. Spray nozzles should be positioned so as to give complete coverage of the weeds and grasses to be controlled without contacting the cotton plants.

APPLICATIONS WHICH RESULT IN SOME OF THE SPRAY SOLUTION GETTING ONTO THE COTTON MAY RESULT IN INJURY TO OR KILL OF THE COTTON AND A SUBSEQUENT LOSS OF YIELD.

USDA Reg. No. 1022-290

INGREDIENTS	
Active Ingredient:	
Disodium Methanearsonate*	63.00%
Inert Ingredients:	37.00%
Total	100.00%
Total Arsenic, all in water soluble form, expressed as elemental	25.65%
*Equivalent to 100% Disodium Methanearsonate Hexahydrate	

WARNING

KEEP OUT OF REACH OF CHILDREN!

Harmful if swallowed. Avoid contact with skin. Avoid breathing dust or spray mist. Wash hands after using. Avoid storage near feed and food products.

Do not contaminate water used by wildlife or aquatic life or water used for domestic or irrigation purposes.

Keep away from children and domestic animals. Clean application equipment thoroughly after every use. Do not use this product for any purpose or in any manner not given on this label as to do so may result in unlawful residues in crop plants, may result in injury to nearby susceptible desirable vegetation, or may not give desired results.

CHAPMAN CHEMICAL COMPANY OFFERS SEVERAL PRODUCTS, INCLUDING DSMA-100, MSMA-12, DI-MIX AND TRI-MIX, THAT CONTAIN SALTS OF METHANE ARSONIC ACID (MAA). OTHER COMPANIES ALSO OFFER PRODUCTS CONTAINING THE SALTS OF MAA. DO NOT MAKE MORE THAN TWO APPLICATIONS OF ANY PRODUCT OR ANY COMBINATIONS OF PRODUCTS CONTAINING SALTS OF MAA PER CROP SEASON, OR APPLY THEM AFTER THE FIRST BLOOM, AS TO DO SO MAY RESULT IN UNLAWFUL RESIDUES OF ARSENIC IN COTTONSEED HARVESTED FROM THESE FIELDS.

DO NOT FEED ANY PART OF TREATED COTTON PLANTS OR OTHER TREATED VEGETATION TO LIVESTOCK. DO NOT FEED TREATED FORAGE TO LIVESTOCK OR GRAZE TREATED AREAS.

GENERAL WEED AND GRASS CONTROL

DSMA-100 has been found effective for the control of many noxious weeds and grasses including cocklebur, goose grass, water grass, nut grass, pigweed, ragweed, and Johnson grass. Five pounds of DSMA-100 plus one quart of Surf-Aid should be added to fifty gallons of water. The unwanted vegetation should be thoroughly sprayed to point of run-off, making certain that complete coverage of leaves, branches, and main stems is achieved. Spot re-treatments may be necessary and should be made as inspection of the area shows regrowth to have occurred in spots. Any spray equipment which will give good spray coverage may be used, with power sprayers being preferred. This treatment should be found particularly effective for such areas as right-of-ways, ditch banks, fence rows, implement storage yards, and other non-crop areas where control of the grasses and weeds mentioned above is desired.

TURF AREAS

DSMA-100 is very effective for the control of Dallis grass growing in turf areas composed of the desirable grasses, Bermuda, Zoysia and blue grass. Bent and fescue grasses may be temporarily discolored and set back, especially during hot dry weather. St. Augustine and centipede grasses will be severely injured and killed, and consequently should never be treated.

DSMA-100 should be used at the rate of twelve pounds per acre (four to five ounces per one thousand square feet). Apply in at least one hundred gallons of water per acre (two and one quarter gallons of spray solution per one thousand square feet).

During dry spells, water turf thoroughly before applications are made. On new turf, do not treat until after three mowings.

NOTICE

Neither the manufacturer nor the seller makes any representation or warranty, express or implied, concerning this product, except that it is of the manufacturer's standard quality. Neither shall be held responsible in any manner for any personal injury, property damage or other type of loss resulting from the improper handling storage or mis-use of this product. Buyer accepts and uses this product on these conditions

SOLD BY CHAPMAN CHEMICAL COMPANY, MEMPHIS, TENNESSEE