

For Selective
Post-Emergent Weed Control

DSMA 81%

DRY POWDER



ACTIVE INGREDIENTS:

Disodium Methanearsonate*
INERT INGREDIENTS:

81.0%
19.0%

TOTAL 100.0%

Total Arsenic (as elemental) all in water soluble form 33.0%
*Equivalent to 128.5% Disodium Methanearsonate Hexahydrate.

CAUTION: Keep Out of Reach of Children

Harmful if swallowed. Avoid contact with skin. Wash hands after using. Avoid breathing spray mist.

Avoid contamination of feed and foodstuffs. Keep away from domestic animals. Keep children and domestic animals off treated areas until this material has been washed into soil. Do not contaminate water used by wildlife or aquatic life or water used for domestic or irrigation purposes.

ANTIDOTE: If taken internally, induce vomiting and call a physician at once.
CONTAINER DISPOSAL: Do not reuse empty container. Destroy by burying in a safe place.

NOTICE: Use of this material other than in accordance with the directions on this label may produce plant injury, excessive residues, or other undesirable results. Crystal Manufacturing Corporation makes no express or implied warranties other than specified on this label.

EPA Reg. No. 9663-12



Net Contents:

9663-12

GENERAL INFORMATION: DSMA 81% Herbicide is useful for selective post-emergent weed control, particularly for grassy weeds. Its activity is enhanced by addition of a suitable surfactant to the spray solution. It is most effective on young, actively growing weeds at air temperature above 70 F. Its phytotoxic properties are quickly inactivated on contact with the soil.

MIXING INSTRUCTIONS: DSMA 81% Herbicide must be thoroughly dissolved. Fill the spray equipment reservoir about half full with water and add the required amount of herbicide with agitation. Finish filling the reservoir with water and apply. Do not store spray solution in tank for a prolonged period. Clean application equipment thoroughly after using by flushing with water.

DIRECTIONS FOR USE

COTTON: DSMA 81% Herbicide is useful as a directed spray application in cotton for post-emergent control of weeds and grasses including Johnsongrass, Nutsedge, Dallisgrass, Cocklebur, Barnyardgrass, Ragweed, Sandbur, and Puncture Vine. DSMA 81% Herbicide should be applied to weeds in cotton at the rate of 2.8 pounds per acre.

Mix at the rate of 7.0 pounds in 100 gallons of water and add 1 to 2 quarts of a mild surfactant. Apply at a broadcast rate of 40 gallons per acre. Best results are obtained at temperatures above 70 F. For band application, apply at the rate of 1 gallon of this solution for each inch of band width per acre for cotton 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 APPLY AFTER 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. DSMA 81% Herbicide 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 to give good coverage of the weeds and grasses. Proper coverage is very important. Adjust nozzles to allow maximum coverage of weeds and grasses. Adjust nozzles to direct the spray in a manner to allow maximum coverage of weeds. Keep spray off cotton foliage.

NON-CROP: DSMA 81% Herbicide is useful for controlling Johnsongrass, Nutsedge, Barnyardgrass, and weeds on drainage ditch banks, rights-of-way, storage yards, and similar non-crop areas. Mix DSMA 81% Herbicide at the rate of 1 to 2 pounds plus 1 to 2 quarts of a suitable surfactant in 100 gallons of water. Spray the unwanted vegetation thoroughly to just short of runoff. Any spray equipment that gives good coverage may be used. If regrass occurs, reapply as required.

DO NOT CONTAMINATE WATERS USED FOR DOMESTIC CONSUMPTION OR BY ANIMALS, WILDLIFE AND AQUATIC LIFE OR FOR IRRIGATION PURPOSES.

LAWN AND ORNAMENTAL TURF: DSMA 81% Herbicide is designed for the selective control of Dallisgrass, Sandbur, Bahiagrass, Nutsedge, Barnyardgrass, Chickweed, and Wood Sorrel with little or no injury to good lawn grasses. On new lawns, do not treat until after three mowings. Good grasses may be temporarily affected, especially in hot weather. Rain or waterings will revive them. Bent and fescue grasses are generally more sensitive and may be temporarily discolored. Zoysia, Bluegrasses, and Bermuda are tolerant. Do not use on St. Augustine or Centipede. Mow lawns 1 to 1 1/2 inches high before treatment. Mix 1 pound of DSMA 81% Herbicide in 5 gallons of water containing 2 to 3 fluid ounces of a suitable surfactant and apply to an area of 1000 sq. ft. Spray thoroughly to wet undesirable plants. Repeat applications 10 to 14 days apart may be needed for good control.



CRYSTAL MANUFACTURING CORPORATION

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GENERAL INFORMATION

NAMATE Herbicide is useful for selective post-emergent weed control, particularly for grassy weeds. It is a combination of herbicide and surfactant. IT IS UNNECESSARY TO ADD ANY OTHER SURFACTANT TO THE SPRAY SOLUTION. Best results are obtained on young, actively growing weeds at air temperatures above 70 F.

MIXING INSTRUCTIONS: NAMATE Herbicide must be thoroughly dissolved. Fill the spray equipment reservoir about half full with water and add the required amount of herbicide with agitation. Finish filling the reservoir with water and apply. After use, clean equipment thoroughly by flushing with water. Do not store spray solution in tank for a prolonged period.

NON-CROP: NAMATE Herbicide is useful for controlling Johnsongrass, nutsedge, watergrass and certain other weeds in drainage ditchbanks, rights-of-way, storage yards, and similar non-crop areas. Mix NAMATE Herbicide at a rate of 1 to 2 gallons in 100 gallons of water. No additional surfactant is necessary. Spray the unwanted vegetation thoroughly to just short of run-off. Any spray equipment that gives good coverage may be used. If regrowth occurs, reapply as required.

LAWN AND ORNAMENTAL TURF: NAMATE Herbicide is useful for control of Dallisgrass, sandbur, bahiagrass, nutsedge, barnyardgrass, chickweed and wood sorrel with little or no injury to good lawn grasses. On new lawn, do not treat until after three mowings. Good grasses may be temporarily discolored. Zoysia, bluegrasses, and bermuda are quite tolerant. Do not use on St. Augustine or centipede.

Mow lawns 1 to 1½ inches high before treatment. Mix 4 fluid ounces of NAMATE Herbicide in 5 gallons of water and apply to an area of 1,000 square feet. Spray thoroughly to wet all undesirable plants. Repeat applications, 10 to 14 days apart, may be needed for good control.

DIRECTIONS FOR USE ON COTTON

NAMATE Herbicide is useful as a directed application in cotton for post-emergent control of weeds and grasses such as Johnsongrass, nutsedge, Dallisgrass, cocklebur, barnyardgrass, ragweed, sandbur and puncture vine.

Add 1 gallon of NAMATE Herbicide to 40 gallons of water and mix thoroughly. Do not add any surfactant to the spray solution. Apply spray solution at 40 gallons per acre. Weed control is most effective at temperatures above 70 F. For band application in 40 inch rows, apply 1 gallon of spray solution per inch of band width per acre. Direct the spray solution to the base of the cotton plant. *Keep spray off cotton foliage.* A second application may be required during humid growing conditions to control perennials such as Johnsongrass and nutsedge. Apply the second application 1 to 3 weeks later.

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

Apply only when cotton is 3 inches high to first bloom. Do not apply after first bloom. Do not feed treated foliage to livestock or graze treated areas.

NOTICE

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