

BLD4

Base Reg. (4817)

U.S. LABEL

Reason to Issue: To claim "early season suppression" of nematodes instead of control; recommend more efficacious products for moderate to high nematode populations; delete Florida.
EPA Reg. No. 3125-299

Date of Draft: 5/6/83 (S)
Supersedes Draft Dated: 3/10/79

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

® DASANIT + ® DI-SYSTON
4-2 Spray Concentrate
INSECTICIDE - NEMATICIDE

FOR USE ONLY BY COMMERCIAL GROWERS AND APPLICATORS

ONE APPLICATION PROVIDES 3-WAY CROP PROTECTION FOR TOBACCO

- *SYSTEMIC CONTROL OF FOLIAR INSECTS
- *SOIL INSECT CONTROL
- *PARASITIC NEMATODE SUPPRESSION

Contains 4 lbs. O,O-Diethyl O-[4-(methylsulfinyl)phenyl] phosphorothioate and 2 lbs. O,O-Diethyl S-[2-(ethylthio)ethyl] phosphorodithioate per gallon.

ACTIVE INGREDIENTS:

<u>O,O</u> -Diethyl <u>O</u> -[4-(methylsulfinyl)phenyl] phosphorothioate	43%
<u>O,O</u> -Diethyl <u>S</u> -[2-(ethylthio)ethyl] phosphorodithioate	21%

NET _____ GALLONS

~~DANGER~~  ~~POISON~~

INERT INGREDIENTS: 36%

KEEP OUT OF REACH OF CHILDREN

(See antidote and danger statements on rear panel)

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STOP - READ THE LABEL BEFORE USE

NOT FOR USE OR STORAGE IN OR AROUND THE HOME

DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME

MOBAY CHEMICAL CORPORATION
AGRICULTURAL CHEMICALS DIVISION
Box 4913, Kansas City, Missouri 64120

Note: Underlined letters in chemical nomenclature should be italicized when printed, not underlined.

ACCEPTED
JUN 10 1983
EPA REG. NO. 3125-299

DASANIT + DI-SYSTON 4-2 S.C.

DIRECTIONS FOR USE

IMPORTANT: Read these entire Directions and Conditions of Sale before using DASANIT + DI-SYSTON 4-2 Spray Concentrate.

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.

A single preplant application of DASANIT + DI-SYSTON 4-2 Spray Concentrate insecticide-nematicide provides excellent systemic control of foliar insects, control of soil insects and suppression of parasitic nematodes. This triple-action crop protection is obtained with one application made within two weeks prior to transplanting.

DASANIT + DI-SYSTON 4-2 Spray Concentrate is recommended for early season suppression of low nematode populations. When nematode populations (particularly of root-knot nematodes) are moderate to high, use of more efficacious products such as NEMACUR 3 or NEMACUR - DASANIT 2+4 Spray Concentrate are recommended as per Directions for Use found on Special Local Need [Section 24(c)] labeling for these products issued by certain States.

RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE DASANIT + DISYSTON 42 S.C.	REMARKS
Tobacco (Southeastern States Only*)	Aphids Flea beetles Wireworms	18 fl. oz. per 1000 ft. of row (for 48-inch row spacing) 1-1/2 gallons per acre (broadcast)	Apply in a water emulsion or in liquid fertilizer in a 10 to 12 inch band over the row or as a broadcast spray before planting. Disk or till thoroughly to a depth of 4 to 6 inches to insure adequate mixing in the soil. Plant crop in the usual manner. Apply only once per season.
	Nematodes (Early season suppression)		

*Del., Md., Va., W. Va., N. Car., S. Car., & Ga.

RESTRICTIONS

Not for home garden use. Do not use on other crops used for food or forage. Use only according to label directions. Application at rates above those shown may result in illegal crop residues. Do not treat food crops. Do not apply in any manner not specified on the label.

This product is toxic to fish, birds and other wildlife. Birds and other wildlife in treated area may be killed. Keep out of any body of water. 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.

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CONTAINER DISPOSAL

DO NOT REUSE THE CONTAINER - Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies.

Rinse empty can by filling with water and adding 2 tablespoonfuls of household lye. Bury rinse solution at least 18 inches deep in an isolated area away from water supply. Punch holes in the top and bottom of the can, crush the can, and bury deeply in an isolated location.

Do not use container in any connection with feed, food, and drinking water.

D A N G E R  P O I S O N

Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear waterproof protective clothing, natural rubber gloves, and goggles.

Do not breathe fumes or spray mist. For protection against DI-SYSTON and DASANIT insecticides wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

Do not contaminate feed or food. Keep out of reach of children. Keep all unprotected persons out of the operating area or vicinity. Wash hands, arms, and face thoroughly with soap and warm water before eating or smoking.

HANDLING OF CONTAMINATED ARTICLES: Clothing and rags receiving undiluted DASANIT + DISYSTON 4-2 Spray Concentrate as a result of leaks, spills, or mishaps should be removed immediately and not reused. These contaminated articles should be buried in the same manner as the empty container; see container disposal section for directions. (Contaminated articles which should be discarded would include: hats, gloves, aprons, coats, boots, etc. not made of rubber or coated with rubber or other similar materials). Clothing receiving spray mist or droplets from the mixed, diluted DASANIT + DI-SYSTON 4-2 Spray Concentrate should be removed and decontaminated before reuse. This clothing can be decontaminated by machine washing separately from other items with soap or detergent and bleach in hot water twice before reuse. Protective clothing and equipment should be washed down with detergent or soap and bleach in water. Wash water from the cleaning of protective clothing or equipment should not be allowed to run off or otherwise enter water supplies.

SYMPTOMS OF POISONING. A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

TREATMENT: In case of poisoning, call a physician immediately. Have patient lie down and keep quiet. If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes.

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TO PHYSICIAN:

ANTIDOTE - Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

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