

4131000

ACCEPTED
FEB 11 1983
Under the Federal Insecticide, and Fungicide, and Rodenticide Act, as amended, for the purpose of registration under EPA Reg. No. 226-188

NET CONTENTS - 4 POUNDS



Improved

D & I DUST

for the control of certain
DISEASES & INSECTS
on Garden Vegetables and
TOBACCO PLANT BEDS

CONTAINS SEVIN® and ZINEB

ACTIVE INGREDIENTS:	% by Wt.
CARBARYL (1-naphthyl methylcarbamate)	5.00
ZINEB (Zinc ethylene bisdithiocarbamate) (Metalic Zinc Equivalent)	5.00
INERT INGREDIENTS:	90.00
TOTAL	100.00

KEEP OUT OF REACH OF CHILDREN
CAUTION
STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED — Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention immediately.
IF INHALED — Remove victim to fresh air and apply respiration if indicated.
IF ON SKIN — Wash promptly with soap and water. Rinse thoroughly.
IF IN EYES — Rinse for at least 15 minutes with water and call a physician immediately.
NOTE TO PHYSICIAN: CARBARYL is a moderate, reversible cholinesterase inhibitor. ATROPINE is antidotal.

**SEE BACK PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Reg. No. 226-188 EPA Est. 226-KY-1
SEVIN® is the Trade Mark of U.C.C. for CARBARYL

TOBACCO STATES CHEMICAL CO., INC.
LEXINGTON, KENTUCKY 40580

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS: Caution. Harmful if swallowed, inhaled, or absorbed through the skin. May cause irritation of eyes, nose, throat, and skin. Avoid breathing of dust. Do not feed treated plants to dairy or meat animals. Avoid contact with skin, eyes, and clothing. Do not feed treated plants to dairy or meat animals.

ENVIRONMENTAL HAZARD: This Pesticide is highly Toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop or weeds blooming in the treated area.

This pesticide is toxic to aquatic organisms. Keep out of lakes, streams, or ponds. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of waste.

* Add Protective Clothing Caution here.

DIRECTIONS FOR USE

It is a violation of Federal Law to use Product in a manner inconsistent with its labeling.

STORAGE and DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide, spray mixture, or residue that cannot be used or economically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL: Dispose of in an Incinerator or landfill approved for pesticide containers, or bury in a safe place.

GENERAL: Consult Federal, State, or Local disposal authorities for approved alternative procedures such as limited open burning.

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VEGETABLES

For the control of the listed insects and diseases on the vegetable crops specified below, apply 30 to 50 lbs of D & I Dust per acre (approximately 2/3 to 1 1/3 lbs per 100 sq ft) by means of suitable dusting equipment, depending on the size of plants and the severity of disease or insect conditions. For best results a thorough, even application should be made to upper and lower leaf surfaces and stems. Do NOT OVER APPLY; the proper rate, evenly applied is adequate for control.

INSECT CONTROL is best obtained by application before or at first signs of insect infestation, but preferably before damage from feeding occurs. Repeat as needed at 7 to 10 day intervals, unless otherwise indicated.

DISEASE CONTROL is best accomplished by preventative application; that is to have the dust on the plants before the disease occurs. Note any specific application or timing instructions listed below. Unless directed otherwise, repeat as needed at 7 to 10 day intervals.

Proper delay interval between last application and harvest of vegetable must be observed. Days of delay are indicated by numbers in parentheses () following crop listing.

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CROPS	INSECTS & DISEASES
Beans	INSECTS: Mexican bean beetle, Bean leaf beetle, Flea beetle, Japanese beetle, Leafhopper, Velvetbean caterpillar, Western bean cutworm, Armyworm, Cutworm, Corn earworm, Stink bug, Tarnished plant bug. DISEASES: Downy mildew, Rust, Anthracnose. Begin when first bioforms appear.
Corn Cobs Beans, Cabbage Cauliflower, Broccoli Kale, Mustard Green	(10) INSECTS: Flea beetle, Harlequin bug, Army worm, Corn earworm, Imported cabbageworm. DISEASES: Downy mildew, Alternaria (black rot), Anthracnose, Gummy stem blight. Begin applications when plants appear above ground. Direct dust to top and bottom of leaf.
Peas	(7) INSECTS: Flea beetle, Leaf hopper, Armyworm, Corn earworm, Turnip, Tarnished plant bug. DISEASES: Alternaria leaf blight, Cercospora blight.
Corn (cob)	(11) INSECTS: Corn earworm, European corn borer, Flea beetle, Japanese beetle, Leaf hopper, Flea beetle, Turnip, Cutworm, Western corn rootworm. DISEASES: Downy mildew, Anthracnose. Begin applications when plants appear above ground. Repeat at 3 to 7 day intervals.
Cucumber, Cucumber Melon	(5) INSECTS: Flea beetle, Leaf hopper, Cucumber beetle, European corn borer, Turnip, Flea beetle. DISEASES: Alternaria, Downy mildew. Begin when plants first appear above ground. Repeat at 7 to 10 day intervals.
Water	(10) INSECTS: Flea beetle, Leaf hopper, Army worm, Corn earworm, European corn borer, Turnip, Flea beetle, Tarnished plant bug. DISEASES: Downy mildew.
Peppers	(11) INSECTS: Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle. DISEASES: Anthracnose, Spot, Phytophthora.
Tomatoes	(5) INSECTS: Flea beetle, Peppers, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle. DISEASES: Anthracnose, Alternaria, Phytophthora, Gray mold, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle, Flea beetle.

TOBACCO PLANT BEDS

For the control of Armyworm, European corn borer, Flea beetles apply 30 to 50 lbs of D & I Dust per acre (approximately 2/3 to 1 1/3 lbs per 100 sq ft) by means of suitable dusting equipment, depending on the size of plants and the severity of disease or insect conditions. For best results a thorough, even application should be made to upper and lower leaf surfaces and stems. Do NOT OVER APPLY; the proper rate, evenly applied is adequate for control.

WARRANTY

Seller warrants that this product conforms to its chemical description and its use is as stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor the implied warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or for purposes not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

PRECAUTIONARY STATEMENTS

During the mixing and loading of this product, please wear the following protective clothing; long pants, long sleeve shirt, gloves, hat and boots.

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VEGETABLES

For control of the listed insects and diseases on the vegetable crops specified below, apply 30 to 50 lbs of D & I Dust per acre (approximately 2 1/2 to 3 1/2 lbs per 1000 sq. ft.) by means of suitable dusting equipment, depending on the size of plants and the severity of disease or insect conditions. For best results a thorough application should be made to upper and lower leaf surfaces and stems. DO NOT OVER APPLY. The proper rate, each applied is adequate for control.

INSECT CONTROL is best obtained by application before or at first signs of insect infestation, but preferably before damage from feeding occurs. Repeat as needed at 7 to 10 day intervals, unless otherwise indicated.

DISEASE CONTROL is best accomplished by preventative application; there is to have the dust on the plants before the disease occurs. For any specific application or timing instructions listed below. Unless directed otherwise, repeat as needed at 7 to 10 day intervals.

Proper delay interval between last application and harvest of vegetable crops is observed. Days of delay are indicated by numbers in parentheses () following crop listing.

CROPS	HARVEST DELAY	INSECTS & DISEASES
Beans		INSECTS: Mexican bean beetle, Bean leaf beetle, Flea beetle, Japanese beetle, Leafhopper, Velvetbean caterpillar, Western bean cutworm, Armyworm, Cutworm, Corn earworm, Stink bug, Tarnished plant bug. DISEASES: Downy mildew, Rust, Anthracnose. Begin when first symptoms appear.
Cole Crops (Broccoli, Cabbage, Cauliflower, Collards, Kale, Mustard Greens)	(10)	INSECTS: Flea beetle, Harlequin bug, Armyworm, Corn earworm, Imported cabbageworm. DISEASES: Downy mildew, Alternaria (Vascular wilt), Anthracnose, Gummy stem blight. Early applications when plants appear above ground. Direct dust application to under side of leaves.
Carrot	(7)	INSECTS: Flea beetle, Leafhopper, Armyworm, Corn earworm, Stinkbug, Tarnished plant bug. DISEASES: Alternaria leaf blight, Cercospora leaf spot.
Corn (Sweet)	(1)	INSECTS: Corn earworm, Imported cabbageworm, European cornborer, Fall armyworm, Flea beetle, Japanese beetle, Leafhopper, Flea beetle, Cutworm, European cornborer, Cutworm, Western corn rootworm. DISEASES: Grain mold, Blight, Rust, Puccinia. Begin application when dust is up plants and repeat at 5 to 7 day intervals.
Cucumber, Cucumber Pickles	(5)	INSECTS: Flea beetle, Leafhopper, Curculionid beetle, Flea beetle, Leafhopper, Stink bug. DISEASES: Alternaria, Downy mildew. Begin when plants first emerge above ground. Apply up to 100 lbs per acre to underside of leaves thoroughly.
lettuce	(10)	INSECTS: Harlequin bug, Leafhopper, Armyworm, Corn earworm, Imported cabbageworm, Stink bug, Tarnished plant bug. DISEASES: Downy mildew.
Peppers	(1)	INSECTS: Flea beetle, Leafhopper, Leaf hopper, European cornborer, Fall armyworm, Flea beetle, Stink bug, Tomato rootworm, Tomato hornworm, Tarnished plant bug, Cutworm. DISEASES: Anthracnose blight, Fusarium wilt.
Tomatoes	(8)	INSECTS: Flea beetle, Leafhopper, Armyworm, Corn earworm, Imported cabbageworm, Stink bug, Tarnished plant bug, Cutworm. DISEASES: Anthracnose, Fusarium wilt, Early and late blight, Septoria leaf spot, Stemphylium. Apply before fruit appears and repeat 7 to 10 day intervals or more often if disease is severe.

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TOBACCO PLANT BEDS

For control of Armyworm, Blue mold, Cutworms, and Flea Beetles apply D & I Dust to tobacco plant beds at a rate of 1 to 2 pounds per 100 sq. yards. Do not use any more than 100 lbs per acre. Apply applications when plants are about the size of a dime or when disease is first reported in the area. Repeat as necessary for insect control. For diseases repeat after 7 to 10 days and repeat twice a week in extremely wet weather.

WARRANTY

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability of fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or to conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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Use the Factor 11
For...
EPA Reg. No.

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for the control of certain
DISEASES & INSECTS

on Garden Vegetables and
TOBACCO PLANT BEDS

CONTAINS SEVIN® and ZINEB

ACTIVE INGREDIENTS:	% by Wt.
CARBARYL (1-naphthyl methylcarbamate)	5.00
ZINEB (Zinc ethylene bisdithiocarbamate) (Metallic Zn. Equivalent)	5.00
INERT INGREDIENTS:	90.00
TOTAL	100.00

KEEP OUT OF REACH OF CHILDREN
CAUTION
STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED — Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention immediately.
IF INHALED — Remove victim to fresh air and apply respiration if indicated.
IF ON SKIN — Wash promptly with soap and water. Rinse thoroughly.
IF IN EYES — Rinse for at least 15 minutes with water and call a physician immediately.
NOTE TO PHYSICIAN: CARBARYL is a moderate reversible cholinesterase inhibitor. ATROPINE is antipodal.

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