

JUL 23 1974
5185
UNDER
FUNGICIDE
FOR FOUN
EPA REG. NO.

BIO-SEC 8X

NALED INSECTICIDE

ACTIVE INGREDIENTS

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Other

Other

By Wt.

53%

20%

27%

BIO-SEC, INC. DECATUR, GA

NET CONTENTS 1 GALLON LIQUID

EPA Reg. No. 5185-199

STORE IN COOL, DRY PLACE

READ ENTIRE LABEL. Use strictly in accordance with cautionary statements, applicable state and federal regulations.

Use designated amount of product in the following gallons:

Keep pesticide in original container. Do not put concentrate

GROUND APPLICATION—Vegetable and Field Crops—30 to 25

Fruit Crops—60 to 800 gals. Citrus—400 to 3,000 gals. (On Yucca 15 gals. water per acre.)

Where Recommended for AIR APPLICATION—Field Crops—3 to 10

Begin application at first sign of insects. Repeat as necessary, unless otherwise noted. Do not use with highly alkaline materials.

DIRECTIONS: Add to spray tank when 1/4 to 1/2 full with water until spraying is completed.

BEANS (Dry or Field), SOYBEANS, LIMA BEANS AND PEAS: Spider Mites, Lygus, Leaf Miner; **GREEN BEANS:** Aphids, Leafhoppers—1 pt. per acre in water to cover. 100 gals. per acre. **Bugs—1-1/2 pts. per acre in water to cover.**

BROCCOLI, CABBAGE, CAULIFLOWER, BRUSSELS SPROUTS, CUCUMBER, PUMPKIN, SQUASH: Diamond-back Caterpillars, Aphids—1 pt. per acre. 1 day before harvest except do not apply to kale and collards with **CELERY:** Aphids, Loopers, Armyworms, Salt Marsh Caterpillar only with fine mist spray. 1 pt. in 50 to 75 gals. water per acre. **larger plants, use 1-1/2 pt. in 100 to 150 gals. water per acre.**

COTTON: Bollworms, Loopers, Armyworms, Leafhoppers, Aphids, Spider Mites, Lygus, etc. 1 pt. per acre. 1 day before harvest. Do not apply to cotton bolls. **First**

Apply to cotton bolls 1 day before harvest. Do not apply to cotton bolls.

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FRUIT Flies - *Drosophila* - In or on wooded food processing plants, logjams, docks, cull piles at Refuse Area - **Bait Mills** - Use 2 ounces in 2-12 gals. water (5 pts. to 100 gals.) as a coarse spray walls, floors, doorways, windows, refuse and cull piles where insects congregate. Apply every 5 to 7 days as necessary. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid contamination of feeds, foodstuffs and food processing machinery. Do not use in edible products areas.

LACE

and directions, and with

unless otherwise noted.

food or drink containers.

1 to 20 gals. Deciduous

ngs—Use a minimum of

within 4 days of harvest

ie or bordeaux. MIXING

and maintain agitation

Alfalfa Looper, Aphids,

oppers, Nitidulids, Leaf-

e. Large Loopers, Stink

IDS: Imported Cabbage-

er acre. May be used 1

arvest.

Use ground application

less than 3-4 grown. On

leafhoppers, Armyworms,

ground. Apply 1 to 2

1-2 or more times

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NTESQUARD Long

0 gals. diluted spray per

er 90° F

e Crawlers, Mites, Citrus

0)—1-2 pt. per 100 gals.

day of harvest. Do not

PEACHES (Western States Only): Lygus, Suppression of Mites, Peach Twig Borer, Oriental Fruit Moth (California Only)—3/4 pt. to 100 gals. water. To avoid fruit spotting, do not use within 30 days of harvest. Do not apply when temperature is over 90°F. Do not enter orchards for 24 hours following treatment.

RICE: Grasshoppers—1/2 to 3/4 pt. per acre. Apply at first sign of insects. Do not make more than 3 applications. May be used 2 days before harvest.

STRAWBERRIES: Leaf Roller, Spider Mites, Aphids, Ominvorous Leaf Tier, Spittlebugs (Northwest)—1 pt. per acre. May be used 1 day before harvest.

SUGAR BEETS: Spider Mites, Leafhoppers—1 pt. per acre by air or ground. By Air—Use in 1 to 5 gals. water per acre. Do not apply within 5 days of harvest.

TOBACCO: Hornworm—1 pt. to 100 gals. water, using up to 200 gals. diluted spray per acre. Flea Beetles—1 pt. per acre in water to cover. Apply at first signs of insects. Repeat as necessary.

TOMATOES (Field): Fruit Flies (Drosophila)—1 pt. in no less than 40 gals. water per acre with ground sprayer. 7 to 10 gals. by air. Make first application 5 to 7 days before first picking and continue at 5 to 7-day intervals until the day before harvest. (Field and Greenhouse); Tomato Fruit Worm, Hornworms, Leaf Miners, Flea Beetles, Mites—1 pt. in 100 gals. water. Spray plants thoroughly. For Field—use up to 200 gals. diluted spray per acre. Do not apply when temperature is over 90°F. May be used 1 day before harvest.

CONIFERS AND EVERGREENS: Conifers, Arborvitae, Douglas Fir, Fir, Hemlock, Juniper, Pine, Spruce: suppression of Two-spot and Red Spider Mites, Aphids, Spittlebugs, Zimmerman Moths, Juniper Webworms, Tussock Moths, Spruce Budworms, Adult Sierra Fir and Western Hemlock Bark Borer.

DECIDUOUS TREES: Ash, Birch, Black Walnut, Box Elder, Dogwood, Elm, Evergreen, Fir, Fruit Tree, Hardwood, Maple, Magnolia, Maple, Oak, Sycamore, Willow, Budworm, and other insects. Spider Mites, Aphids, Leaf Miners, Tortoise, Flea Beetles, Caterpillars, etc. (For Field)—1 pt. per 100 gals. water. For Greenhouse—1 pt. per 100 gals. water. Do not apply when temperature is over 90°F. May be used 1 day before harvest.

FRUIT TREES: Apple, Pear, Peach, Plum, Cherry, etc. (For Field)—1 pt. per 100 gals. water. For Greenhouse—1 pt. per 100 gals. water. Do not apply when temperature is over 90°F. May be used 1 day before harvest.

VEGETABLES: Cabbage, Cauliflower, Broccoli, etc. (For Field)—1 pt. per 100 gals. water. For Greenhouse—1 pt. per 100 gals. water. Do not apply when temperature is over 90°F. May be used 1 day before harvest.

HERBS: Basil, Mint, etc. (For Field)—1 pt. per 100 gals. water. For Greenhouse—1 pt. per 100 gals. water. Do not apply when temperature is over 90°F. May be used 1 day before harvest.

FRUIT FLIES: Drosophila sp. In and around Food Processing Plants, including Docks, Cull Piles, and Refuse Areas. Cider Mills—Use 2 quarts in 2-12 gals. water, 5 pts. to 100 gals. as a coarse spray to walls, floors, doorways, windows, refuse and cull piles where insects congregate. Apply every 5 to 7 days as necessary. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid contamination of feeds, foodstuffs and food processing machinery. Do not use in edible products areas of

food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

ADULT MOSQUITO, GNAT, STABLEFLY (Dog Flies), AND HOUSEFLY CONTROL-RESIDENTIAL AREAS, CROPS LISTED ON LABEL, TIDAL MARSHES, SWAMPS, WOODLAND AND FEED LOTS: Consult your State Fish and Game Agency before applying this product. It is not necessary to avoid farm buildings and dairy barns. Make applications during peak of infestation and repeat as necessary. See crop recommendations for use limitations near harvest. This rate of application will kill shrimp. Do not apply to tidal or marsh waters which are important shrimp producing areas. **AIRCRAFT:** East—Apply 0.8 to 4 fluid oz. per acre diluted with water. Apply 2 to 8 qts. of diluted spray per acre. West—Apply 1.6 to 4 fl. ozs. per acre diluted with water. Apply 2 to 8 qts. of diluted spray per acre. **MIST OR COLD FOG:** Use 3 to 5 qts. per 100 gals. water. Calibrate equipment (rate of travel and output) to apply 0.1 to 0.25 lb. technical Naled per acre.

CORRALS, HOLDING PENS (Dairy and Beef Cattle, Hogs, Sheep, Horses): Houseflies, Mosquitoes—Airplane Application—Use 1.6 to 4 fl. ozs. per acre. Dilute 1 to 2-1/2 qts. in 10 gals. water. Apply 1 gal. diluted spray per acre.

GRASSHOPPERS: Crops listed on label—Caterpillars—1-2 to 3-4 pt. per acre by air or ground. Young Grasshoppers—1/2 pt. per acre to air or ground. Army worms (except rice)—1 pt. per acre by air or ground. By air—Use in 1 to 5 gals. water per acre. Apply when hoppers hatch is completed. Repeat as necessary. See crop recommendations for use limitations near harvest.

DANGER: Concentrate causes eye and skin damage. Do not get on skin, eyes or clothing. Use water proof gloves and face shield or goggles when handling concentrate. Avoid breathing spray mist. In case of contact with skin, wash with plenty of water. In case of contact with eyes, flush with plenty of water.

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