

# ENDOSULFAN 3 DUST INSECTICIDE

9-26-72  
2749-258

**ACTIVE INGREDIENT:**

Endosulfan (Hexachlorohexahydro-  
thano-2, 4, 3-benzodioxathiepin oxide) 3.0%

**INERT INGREDIENTS:**

97.0%  
100%

EPA REG. NO: 2749-258

NET WEIGHT: 50 LBS.

**CAUTION: KEEP OUT OF REACH OF CHILDREN.**

HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. AVOID BREATHING OF DUST. AVOID CONTACT WITH SKIN, EYES OR CLOTHING. IN CASE OF CONTACT WITH SKIN OR EYES, FLUSH WITH PLENTY OF WATER; FOR EYES - GET MEDICAL ATTENTION. WASH WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING OR SMOKING; WEAR CLEAN CLOTHING. AVOID CONTAMINATION OF FEED AND FOODSTUFFS. DO NOT APPLY OR ALLOW TO DRIFT TO AREAS OCCUPIED BY UNPROTECTED HUMANS OR BENEFICIAL ANIMALS.

ENDOSULFAN IS A CENTRAL NERVOUS SYSTEM STIMULANT. THERE IS NO SPECIFIC ANTIDOTE. BARBITURIC ACID DERIVATIVES MAY BE USED FOR CONVULSIONS. TREAT SYMPTOMATICALLY.

CAUTION: WORKERS ENTERING TREATED FIELDS WITHIN 24 HOURS OF APPLICATION SHOULD WEAR PROTECTIVE CLOTHING.

THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE. BIRDS FEEDING ON TREATED AREAS MAY BE KILLED. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

THIS PRODUCT IS TOXIC TO BEES AND SHOULD NOT BE APPLIED WHEN BEES ARE ACTIVELY VISITING THE AREA.

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.

DISPOSE OF WASTES BY BURYING IN NON-CROP LANDS AWAY FROM WATER SUPPLIES. CONTAINER SHOULD BE DISPOSED OF BY BURYING WITH WASTES OR BY BURNING. KEEP OUT OF SMOKE.

**DIRECTIONS FOR USE:**

Apply the listed amounts per acre when insects first appear and repeat as required to maintain effective control. Coverage of both upper and lower leaf surfaces is essential for good control. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with other suitable pesticides. Observe days interval between last application and harvest indicated by number in ( ) following crop.

APPLES (30): Apple Aphid - 50 lbs.

or

APPLES (21): Apple Aphid - 50 lbs. Do not exceed 3 applications during the fruiting period. Do not feed pomace from treated apples to livestock.

APRICOTS (30), NECTARINES (30), PEACHES (30): Green Peach Aphid - 50 lbs. Do not exceed 2 applications during the fruiting period.

ARTICHOKES (7): Artichoke Aphid, Green Peach Aphid, Artichoke Plume Moth - 33 lbs.

BEANS (Succulent & Dry) (3): Black Bean Aphid, Bean Leaf Skeletonizer, Cucumber Beetles, Green Stink Bug, Mexican Bean Beetle - 20 to 33 lbs. Do not exceed 3 applications per season. Do not feed treated threshings to livestock or allow livestock to graze in treated fields. Do not use on Lima Beans if vines are to be removed from the field at harvest. Do not use on lima beans that are to be removed from the field for processing.

BROCCOLI (7), CABBAGE (7), BRUSSELS SPROUTS (14) CAULIFLOWER (14): Cabbage Aphid, Cabbage Looper, Cross-striped Cabbage Worm, Flea Beetles, Harlequin Bugs, Stink Bugs, Diamond-back Moth Larvae, Imported Cabbage Worm - 25 to 33 lbs.

CARROTS (7): Green Peach Aphid - 20 to 33 lbs. Do not exceed 2 applications. Do not use tops for food or feed.

CELERY (Whole Plant) (4): Green Peach Aphid, Cabbage Looper - 20 to 33 lbs. Do not exceed three applications - OR (7): Green Peach Aphid - 17 lbs.

COLLARDS (21): Cabbage Looper, Diamondback Moth Larvae, Harlequin Bug, Imported Cabbage Worm - 25 lbs. Do not exceed one application.

COTTON: Boll Weevil - 20 to 45 lbs. Bollworm, Cabbage Looper, Lygus Bugs, Stink Bugs - 35 lbs. Cotton Leaf Perforator - 33 lbs. Thrips - 50 lbs. Do not apply after bolls open. Do not graze meat or dairy animals in treated fields. Do not plant root crops other than carrots, potatoes, and sweet potatoes as follow-up crops.

CUCUMBERS (0), SUMMER & WINTER SQUASH (0): Aphids, Cucumber Beetles, Striped Cabbage flea Beetle, Squash vine borer - 25 to 33 lbs. For Vine Borer control, apply weekly to flower buds, stems and vines beginning when moths first appear.

EGGPLANTS (1): Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid, Green Stink Bug, Whitefly - 20 lbs.

FILBERTS (0): Filbert Aphid, Filbert Leaf Roller - 50 lbs. Do not graze livestock in treated groves.

GRAPES (7): Grape Leafhopper - 33 to 50 lbs. Do not apply to Concord variety as severe injury is likely to occur.

IRIS: Iris Borer - Dust soil surface of beds thoroughly in spring when growth starts. Make 3 applications at 2-week intervals.

KALE (21): Cabbage Flea Beetle, Imported Cabbage Worm, Harlequin Bug - 25 lbs. Do not exceed one application.

LETTUCE (14): Cabbage Looper, Diamondback Moth Larvae, Green Peach Aphid, Imported Cabbage Worm - Use 25 to 33 lbs. Do not exceed 3 applications on head lettuce after thinning. Remove outside leaves at harvest. Do not feed crop waste to livestock.

MUSTARD GREENS (21), TURNIP GREENS (21): Aphids, Cabbage Looper, Imported Cabbage Worm - 25 lbs. Do not exceed one application.

MELONS (0): Aphids, Cucumber Beetle, Striped Cabbage Flea Beetle - 25 to 33 lbs. Cabbage Looper, Omniverous Leaf Roller - 68 lbs. Rindworms (on watermelon only) - 17 to 30 lbs.

PEAS (seed peas only): Pea Aphid, Pea Weevil - 35 to 40 lbs. Do not feed treated vines or threshings to livestock.

PEPPERS (1): Green Peach Aphid, Flea Beetles, Hornworms, Pepper Maggot - 33 to 50 lbs.

POTATOES Bug, Leaf-footed Potato beetle, Potato Psyllid 33 lbs. Do not graze potatoes as

PUMPKINS Vine Borer - buds, stems as

SAFFLOWERS open. Do not graze potatoes as

SPINACH (2 more than on

STRAWBERRIES apply at intervals during the period when

SWEET CORN Earworm first appear at tasseling. Do not graze or ensilage

SWEET POTATOS Beetle Larvae to 67 pounds. Do not graze 16-inch band of soil

TOBACCO (5) Tobacco Flea Beetle. Do not graze

TOMATOES Beetle, Flea Beetle, Stink Mite, Yellow

WALNUTS: V graze livestock



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**ACETO CHEMICAL CO., INC.**  
AGRICULTURAL CHEMICALS DIV.

126-02 NORTHERN BOULEVARD, FLUSHING, N.Y. 11368

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CUCUMBERS (0), SUMMER & WINTER SQUASH (0): Aphids, Cucumber Beetles, Striped Cabbage flea Beetle, Squash vine borer - 25 to 33 lbs. For Vine Borer control, apply weekly to flower buds, stems and vines beginning when moths first appear.

EGGPLANTS (1): Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid, Green Stink Bug, Whitefly - 20 lbs.

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MELONS (0): Aphids, Cucumber Beetle, Striped Cabbage Flea Beetle - 25 to 33 lbs. Cabbage Looper, Omnivorous Leaf Roller - 68 lbs. Rindworms (on watermelon only) - 17 to 30 lbs.

PEAS (seed peas only): Pea Aphid, Pea Weevil - 35 to 40 lbs. Do not feed treated vines or threshings to livestock.

PEPPERS (1): Green Peach Aphid, Flea Beetles, Hornworms, Pepper Maggot - 33 to 50 lbs.

POTATOES (0): Aphids, Armyworms, Colorado Potato Beetle, Green Stink Bug, Leaf-footed Bug, Plant bugs, Potato flea beetle, Potato Leafhopper, Potato tuberworm - 30 to 35 lbs. European Corn Borer, false Chinch Bug, Potato Psyllid - 35 lbs. Three-lined Potato Beetle - 17 lbs. Whitefly - 17 to 33 lbs. Do not plant root crops other than carrots, potatoes and sweet potatoes as follow-up crops.

PUMPKINS (0): Aphids, Cucumber Beetles, Striped Flea Beetle, Squash Vine Borer - 25 to 33 lbs. For Vine Borer control, apply weekly to flower buds, stems and vines beginning when moths first appear.

SAFFLOWER: Green Peach Aphid - 33 lbs. Do not apply after flower heads open. Do not plant root crops other than carrots, potatoes, and sweet potatoes as follow-up crops.

SPINACH (21): Green Peach Aphid, Crown Mite - 25 lbs. Do not apply more than one application.

STRAWBERRY (4): Meadow Spittlebug, Strawberry Aphid - 33 lbs. Do not apply at intervals of less than 15 days or more than twice during any 35 day period when fruit is present.

SWEET CORN (fresh vegetable use only) (1): Corn Leaf Aphid - 33 lbs. Corn Earworm - 50 lbs. Apply at 2-3 day intervals beginning when silks first appear and continue until they begin to dry. Do not exceed 5 applications. Do not apply to sweet corn to be processed. Do not feed treated forage or ensilage to livestock or allow livestock to graze in treated fields.

SWEET POTATOES - South Central States Only: Banded Cucumber Beetle Larvae (aids in the control of) - Make a single application of 33 to 67 pounds per acre broadcast just prior to plant set. Work into top 3 inches of soil or for band application at planting use 11 to 22 lbs. on a 16-inch band over the row (48" row spacing). Do not feed treated potatoes to livestock.

TOBACCO (5): Cabbage Looper, Green Peach Aphid, Tobacco Budworm, Tobacco Flea Beetle, Tobacco Hornworm - SEED BED: 2 lbs. per 100 sq. yds. FIELD: 20 to 35 lbs. per acre.

TOMATOES (Field & Greenhouse) (1): Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid, Whitefly - 17 lbs. Cabbage Looper - 25 lbs. Stink Bugs - 20 to 33 lbs. Tomato Fruitworm, Tomato Russet Mite, Yellow-striped Armyworm - 35 lbs. Tomato Hornworm - 35 lbs.

WALNUTS: Walnut Aphid - 50 lbs. Do not apply after husk split. Do not graze livestock in treated groves.



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