

SEED ALFALFA ~~AND SEED CLOVER~~ — For Spittlebug use one pint per acre, for Aphids use 2 pints per acre, and for Lygus Bug use 3 to 4 quarts per acre. Do Not feed treated forage to dairy or meat animals. Do Not use on forage to be sold commercially or shipped interstate.

ORNAMENTALS (Greenhouse and Outdoors) — For Aphids, Whitefly, and Cyclamen mite use 2 pints per 100 gallons of water. Do not use on birch trees and Bonnaton Deluxe and certain other varieties of Chrysanthemums since injury may occur.

NOTE - DO NOT exceed maximum dosage rates given per acre.

COMPATIBILITY

Thiodan is incompatible with the following: Calcium arsenate, Lime, and Zinc sulfate + Lime

WARNING!

Hazardous if swallowed, inhaled, or absorbed through the skin.

DO NOT breathe spray mist or vapor.

DO NOT get on skin, in eyes, or on clothing.

In case of contact, remove contaminated clothing and wash skin with plenty of soap and water; for eyes, flush with water and get medical attention promptly.

DO NOT apply or allow to drift to areas occupied by unprotected humans or beneficial animals.

KEEP CONTAINER CLOSED. REMOVE LEAKING PACKAGES TO A SAFE PLACE.

SAFETY DIRECTIONS

Use clean clothing and wash thoroughly with soap and water after handling and before eating or smoking. During commercial or prolonged exposure in spray mixing and loading operations and in greenhouse applications wear clean synthetic rubber gloves and a mask or respirator of a type passed by the U. S. Department of Agriculture for Thiodan protection.

WARNING! Workers entering treated areas the day of application should wear protective clothing.

Toxic to fish and wildlife. **DO NOT** contaminate any body of water by direct application, cleaning of equipment, or disposal of wastes and containers. **DO NOT** apply to any area not specified on the label. Birds feeding on treated areas may be killed.

Read directions carefully. Time and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other independent factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in accordance with directions given herein.

ARCADIAN

NET CONTENTS GALLONS

THIODAN® EM-2
EMULSIFIABLE CONCENTRATE

CONTAINS 2 POUNDS THIODAN PER GALLON

CODE 9655

USDA Reg. No. 218-481

Thiodan is a registered trademark of Canadian Hoechst Limited

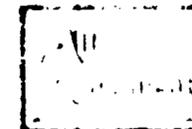
U. S. Pat. No. 2,799,685

ACTIVE INGREDIENTS:

*Endosulfan 24.0%
Xylene Range Aromatic
Petroleum Deriva-
tive 70.9%

INERT INGREDIENTS: 5.1%

*Hexachlorohexahydromethano-
2,4,3-benzodioxathienpin oxide



ALLIED CHEMICAL CORPORATION
DEPARTMENT AG
40 RECTOR STREET
NEW YORK, N.Y., U.S.A.

WARNING — Keep out of reach of children

For Additional Warning Information See Left Panel

This material must not be used as an insecticide without dilution.

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME

DO NOT STORE BELOW 20°F.

MADE IN U.S.A.

9655
EPC 63

PRINTED IN U.S.A.

DIRECTIONS

FRUIT

All rates for use in 100

APPLES — For Apple aphid
Do Not apply within 21 days
Do Not feed pomace from

PEARS — For Conspire stink
of harvest or make more than
one application. Apply as post harvest

PLUMS AND PRUNES — For
Spray from ground level
Do Not apply within 7 days

**APRICOTS, NECTARINES, AND
PEACHES** — For Black
2 pints. On Peach for Black
berry use 3 pints, well before
harvest or make more than
Western areas, 3 pints in E
Do Not apply within 21 days

GRAPES — For Grape leafhopper
Concord variety since injury
apply after shuck-split or

PECANS — For Black pecan
apply after shuck-split or

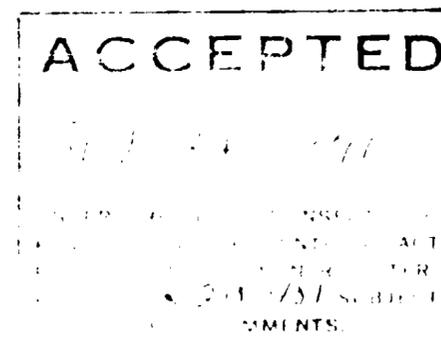
STRAWBERRIES — For Meadow
use 2 gallons in 800 gallon
Eastern areas, applying to
twice during any 35 day period
less than 35 days for Mite

BLEBERRY — For Blueberry
harvest and repeat 6 to 8

MAKE APPROPRIATE
USE IN ENOUGH

VEGETABLES

**BROCCOLI, CABBAGE, AND
FLEETWING, Harlequin bug
pods start to form, on Broccoli**



DIRECTIONS

FRUIT

All rates for use in 100 gallons of water, unless otherwise indicated.

APPLES - For Apple aphid use 2 pints. In the East Do Not apply within 30 days of harvest. In the West Do Not apply within 21 days of harvest or make more than three applications during the fruiting period. Do Not feed pomace from treated apples to livestock. Do not use more than 5 quarts per acre.

PEARS - For Conspicuous stink bug use 2 pints, wetting the insect with the spray. Do Not apply within 21 days of harvest or make more than two applications during the fruiting period. For Pear leaf hopper mite use 2 pints. Apply as post harvest or dormant treatment. Do not use more than 5 quarts per acre.

PLUMS AND PRUNES - For Peach tree borer in Western areas use 2 to 3 pints, in Eastern areas use 3 pints. Spray from ground level to scaffold limbs as needed. For Peach twig borer use 1 to 1 1/4 gallons per acre. Do Not apply within 7 days of harvest. Do not use more than 5 quarts per acre.

APRICOTS, NECTARINES, AND PEACHES - For cat facing insects, Green peach aphid, and Peach twig borer use 2 pints. On Peach for Black cherry, Black peach, and Rusty plum aphids use 2 pints. For lesser peach tree borer use 3 pints, wetting trunks and main branches thoroughly with spray. Do Not apply within 30 days of harvest or make more than 2 applications during the fruiting period. For Peach tree borer use 2 pints in Western areas, 3 pints in Eastern areas, spraying all bark areas from ground level to scaffold limbs, as needed. Do Not apply within 21 days of harvest. Do not use more than 2 gallons per acre.

GRAPES - For Grape leafhopper and Rose chafer use 2 pints. Do Not use within 7 days of harvest, or on Concord variety since injury may occur. Do not use more than 3 quarts per acre.

PECANS - For Black pecan aphid use 3 pints. Apply when aphids first appear and repeat as needed. Do Not apply after shuck-split or graze meat or dairy animals in treated groves. Do not use more than 5 gallons per acre.

STRAWBERRIES - For Meadow spittlebug and Strawberry aphid use 2 to 4 pints per acre. For Cyclamen Mite use 2 gallons in 800 gallons of water per acre in Western areas, 1 gallon in 400 gallons of water per acre in Eastern areas, applying to foliage as needed. Do Not apply at intervals of less than 15 days or more than twice during any 35 day period when fruit is present for spittlebug and aphid. Do Not apply at intervals of less than 35 days for Mite. Do Not apply within 4 days of harvest.

BLUEBERRY - For Blueberry bud mite use 3 quarts in 300 gallons of water per acre. Apply immediately after harvest and repeat 6 to 8 weeks later when buds are well formed. Do not apply after buds are well formed.

ON VEGETABLES AND OTHER CROPS BELOW

MAKE APPLICATIONS WHEN INSECTS FIRST APPEAR AND REPEAT AS NEEDED.
USE IN ENOUGH WATER TO GIVE GOOD COVERAGE, UNLESS OTHERWISE INDICATED.

VEGETABLES

BROCCOLI, CABBAGE, AND CAULIFLOWER - For Cabbage looper, Diamond-back moth larvae, Cabbageworms, Flea beetle, Harlequin bug, and Stink bug use 3 pints per acre. On Cauliflower, Do Not apply after edible parts start to form, on Broccoli and Cabbage not within 7 days of harvest.

POTATOES AND TOMATOES

For Colorado potato beetle use 2 pints per acre. Do Not apply within 14 days of harvest. For Colorado potato beetle use 2 pints per acre. Do Not apply within 14 days of harvest.

POPLAR AND PINE TREES

For Emerald ash borer use 2 pints per acre. Do Not apply within 7 days of harvest.

CUCUMBER, SQUASH, PUMPKIN, AND MELON

For Cucumber beetle use 2 pints per acre. Do Not apply within 7 days of harvest.

HEAD LETTUCE

For Green peach aphid use 2 pints per acre. Do Not apply within 7 days of harvest.

BEANS - For Mexican Bean Beetle use 2 pints per acre. Do Not apply more than 2 times per season. Do Not apply within 3 days of harvest. Do Not apply to fields for allow livestock to graze in treated fields. Do Not use in areas treated with insecticides.

ARTICHOKES - For Artichoke and Green peach aphid use 2 pints per acre. For Artichoke plume moth use 4 pints per acre. Do Not apply within 7 days of harvest.

OTHER CROPS

SAFFLOWER - For Green peach aphid use 2 quarts per acre. Do Not apply after flower heads open.

COTTON - For Boll weevil, Cotton stink bug, Lygus bug, Bollworm, Cabbage looper, and Cotton leaf perforator use 2 quarts per acre. Do Not apply after bolls begin to open or graze dairy or meat animals in treated fields.

TOBACCO - For Flea Beetle, Hornworm, Budworm, Green Peach Aphid and Cabbage Looper.

Field Treatment: Use 1 to 2 quarts per acre. For Stink bugs use 1 to 1 1/2 quarts in 50 gallons of water. Do Not apply within 5 days of harvest.

Seedbed: Use one quart in 100 gallons of water, using about 6 gallons of spray per 100 square yards. For Green June Bug larvae use one pint in 100 gallons of water. Apply as a drench, using one gallon of spray mixture per sq. yd. of plant bed, at first sign of larvae activity.

SUGAR BEETS - For Green peach aphid and Sugar beet webworm use 3 to 4 pints per acre. Do Not feed treated tops to livestock.

SOYBEANS - For Green stink bug and Mexican bean beetle use 2 pints per acre. Do Not apply after pods start to form nor feed freshings to livestock.

SMALL GRAINS (Barley, Oats, Rye, Wheat) - For Army cutworm use one quart per acre. Do Not apply after heads begin to form. Do Not feed treated forage to dairy animals or animals being finished for slaughter.

1-2
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LLON
g. No. 218-481
U. S. Pat. No. 2,799,685

CHEMICAL CORPORATION
ST AG
R STREET
N. Y., U.S.A.

e Left Panel
without dilution.
PEN FLAME

PRINTED IN U.S.A.

