

## USE PRECAUTIONS

Read all precautions and directions for use before using. Use only for claims listed and only as specified on this label.

In order that pesticide residues on food and forage crops will not exceed tolerances established by the Environmental Protection Agency, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fiber or pasture crops. **The grower is responsible** for residues on his crops as well as for damages caused by drift from his property to that of others.

Consult State Agricultural Experiment Station or State Agricultural Extension Service for additional information as the timing of applications will vary with local conditions.

Do not apply oil sprays to trees where soil moisture is low or has recently been low.

Do not apply oil sprays when temperatures are in excess of 90° F. or in periods of low humidity caused by dry winds.

Do not combine oil sprays with sulfur sprays or apply within 30 days following a sulfur spray.

**FISH AND WILDLIFE CAUTIONS:** This product is toxic to fish and wildlife. Keep out of lakes, streams and ponds. Birds feeding on treated areas may be killed. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. This product is toxic to bees and should not be applied when bees are actively visiting the area. Apply this product only as specified on this label.

## DIRECTIONS FOR USE

Application can be made by aircraft or ground power equipment using dilute or concentrate sprays. Only trained personnel using approved protective equipment should make applications. Do not apply with hand equipment. Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine with emulsifiable liquids or wettable powders unless previous use of the mixture has proven physically compatible and safe to plants.

## RECOMMENDATIONS

### VEGETABLE, FIELD AND VINE CROPS

Pesticide rates are given as pints TRITHION 8-E per acre. Unless otherwise specified below, apply the recommended dosage in sufficient water to provide thorough coverage according to spray equipment manufacturers' directions. In California, observe the following minimum water rate schedule:

| Crop                      | Gal. Water Per Acre |        |
|---------------------------|---------------------|--------|
|                           | Aircraft            | Ground |
| Vegetable and Field Crops | 5                   | 20     |
| Small Fruits              | 7                   | 20     |

**ALFALFA** (fresh forage and hay), **CLOVER:** Pea Aphid, Potato Leafhopper, Spotted Alfalfa Aphid, Two-Spotted Mite - Apply 1/2 to 1 pint. Meadow Spittlebug - Apply 1 pint. Do not apply more than one application per cutting. Do not graze or cut for hay within 28 days after application.

**BEANS, LIMA:** Bean Aphid, Mexican Bean Beetle, Potato Leafhopper, Serpentine Leaf Miner, Two-Spotted Mite - Apply 1/2 to 3/4 pint. Do not apply within 7 days of harvest. Do not feed treated forage to livestock.

**BEANS, SNAP:** Bean Aphid, Mexican Bean Beetle, Potato Leafhopper, Serpentine Leaf Miner, Two-Spotted Mite - Apply 1/2 pint. Do not apply within 7

days of harvest. Do not make more than two applications per season. Do not graze or cut for hay within 21 days after application.

**BEANS, DRY:** Bean Aphid, Mexican Bean Beetle, Potato Leafhopper, Serpentine Leaf Miner, Two-Spotted Mite - Apply 1/2 pint per acre. Do not make more than two applications per season. Do not graze, cut for forage or harvest beans within 21 days following the last application.

**BEETS, GARDEN:** Bean Aphid, Potato Flea Beetle, Serpentine Leaf Miner, Two-Spotted Mites - Use 1/4 to 1/2 pint. Do not apply within 21 days of harvest if tops are to be used as feed or food.

**CANTALOUPE, WATERMELONS:** Melon Aphid, Potato Flea Beetle, Serpentine Leaf Miner, Two-Spotted Mites - Use 1/2 to 1 pint. Do not apply within 5 days of harvest.

**CORN (Field and Sweet):** Grass Mite, Pacific Mite, Two-Spotted Mite - Apply 1 pint. Do not make more than one application per season. Do not graze or cut for forage within 21 days after application.

**COTTON:** Early Season: Carmine (Cinnabar) Mite, Two-Spotted Mite, Tropical Mite - Use 1/4 to 1/2 pint. Mid and Late Season: Use 3/8 to 1/2 pint. If mite populations are high, use 1/2 to 3/4 pint and repeat in 5 to 10 days. Cotton Leafworm - Use 1/4 to 1/2 pint. Cotton Aphid, Leaf Perforator, Fleahopper - Use 1 pint per acre. Treated plants should not be grazed or fed to livestock.

**CUCUMBERS, SUMMER SQUASH:** Melon Aphid, Potato Leafhoppers, Serpentine Leaf Miner, Two-Spotted Mites - Use 1/2 to 1 pint. Do not apply within 7 days of harvest.

**EGGPLANT, PEPPER, PIMENTO:** Mites (Tropical, Two-Spotted), Potato Flea Beetle, Potato Leafhopper, Serpentine Leaf Miner - Use 1/2 to 1 pint. Do not apply within 7 days of harvest.

**GRAPES:** Grape Leafhopper, Two-Spotted Mites - Use 1/2 pint. Do not apply within 30 days of harvest. Do not apply to sensitive varieties such as Chabono, Gamay, Golden Muscat, Muscat and Italia.

**ONION:** From seeds, sets or transplants (for dry bulb or green) - Onion Maggot control - Furrow treatment. Muck Soils: 1 1/2 to 2 pints per acre. Mite: Soil: 1 to 1 1/2 pints per acre. Apply at time of seeding or transplanting by spraying in the planting furrow. Mix in 100 gallons of water and apply 3 gallons of mixture per 1,000 ft. of furrow. Keep the mixture agitated.

**PEAS:** Pea Aphid, Serpentine Leaf Miner, Two-Spotted Mites - Use 1/2 to 3/4 pint. Do not apply within 7 days of harvest. Do not feed treated forage to livestock.

**SEED CROPS:** (Alfalfa, Clover, Corn, Sorghum, Cucurbits, Melons, Sugarbeets and Vegetable Crops listed on this label, and alfalfa, clover, and alfalfa, mites, Brown Wheat, Two-Spotted, Serpentine Leaf Miner - Use 1/2 to 1 pint. Do not graze or feed crop residue to livestock. Sugar Beet Seed Crops can be treated up to 14 days of harvest and crop residue can be fed to livestock.

**SORGHUM:** Green Bug (Texas only), Pea Aphid, Sorghum Midge, Two-Spotted Mites, OLIGONYCHUS Mite species - 1/2 pint. Limit Applications to two per season. Do not graze or cut for forage within 21 days. Under certain climatic conditions and on some varieties of grain sorghum, organophosphorus chemicals may cause a slight discoloration to the leaves.

**SOYBEANS:** Bean Aphid, Mexican Bean Beetle, Potato Leafhopper, Serpentine Leaf Miner, Two-Spotted Mites - Apply 1/2 to 3/4 pint. Do not apply within 7 days of harvest. Do not feed treated forage to livestock.

**SPINACH:** Bean Aphid, Serpentine Leaf Miner, Two-Spotted Mites - Use 1/4 to 1/2 pint. Do not apply within 21 days of harvest.

**STRAWBERRY:** Strawberry Aphid, Two-Spotted Mites - Use 1/2 pint. Do not apply within 3 days of harvest.

**SUGARBEETS:** Bean Aphid, Potato Flea Beetle, Serpentine Leaf Miner, Two-Spotted Mites - 1/2 to 1 pint. Do not apply within 14 days of harvest.

**TOMATO:** Mite (Tomato Russet, Tropical, Two-Spotted), Potato Flea Beetle, Potato Leafhopper, Potato Psyllid, Serpentine Leaf Miner - Use 1/2 to 1 pint. Do not apply within 7 days of harvest.



# TRITHION<sup>®</sup> 8-E

EMULSIFIABLE LIQUID  
INSECTICIDE - ACARICIDE

Contains eight pounds TRITHION per gallon.

### ACTIVE INGREDIENTS:

|  |        |
|--|--------|
| Carbophenothion: S-[p-chlorophenylthio] methyl] O,O-diethyl phosphorodithioate | 79.1%  |
| Xylene range aromatic hydrocarbon solvent                                      | 6.5%   |
| INERT INGREDIENTS:   | 14.4%  |
|  | 100.0% |

Rinse spray equipment and containers. Discharge liquid waste in pit in isolated area located away from water supplies.

PERFORATE EMPTY METAL CONTAINERS. CRUSH AND BURY GLASS.

U.S. Patent No. 2,793,224

## WARNING

**MAY BE FATAL IF SWALLOWED.**

**Keep Out of Reach of Children**

Do not get in eyes, on skin or clothing. For commercial application, wear rubber gloves, protective clothing, rubber overshoes and goggles. In case of contact, wash immediately with soap and water; or eyes, flush with water for 15 minutes. Wash hands, arms, and face thoroughly with soap and water before eating or smoking. Do not contaminate feed and food. Wash contaminated clothing with soap and hot water before re-use.

**ANTIDOTE** - Exposure may cause cholinesterase inhibition. Call a physician immediately in all cases of suspected poisoning. Atropine is antidotal. 2-PAM also is antidotal when administered early, and in conjunction with atropine.

**NOTICE:** Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

Protect from temperatures below 0°F. Liquid phases may separate at lower temperatures. Warm or store at higher temperatures and mix thoroughly to recombine liquid phases and assure uniformity before use.

## NET CONTENTS

E.P.A. REG. No. 476-1633-AA

Made In U.S.A. By

# STAUFFER CHEMICAL COMPANY

WESTPORT, CT 06880

## ACCEPTED

3-ARC-720627-0

### JUN 27 1973

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 476-1633

**FRUIT**  
Unless otherwise specified, apply in a thorough spray to equipment. The maximum rate of application is 1 pint TRITHION 8-E per acre.

**Crop**  
Orchard  
Citrus  
**ALMONDS**  
Apply 1/2 pint per acre. Do not apply more than 1 application per season. Dormant: (1) Spray only. **APPLES, C**  
Do not apply to fruit. Do not apply to fruit. Do not apply to fruit. Dormant: (1) Spray only. **CHERRY: S**  
Do not apply to fruit. Dormant: (1) Spray only. **CITRUS: (1)**  
Do not apply to fruit. Dormant: (1) Spray only.

**PEACH, NE**  
Two-Spotted

season. Do not

pper, Serpentine  
not make more  
brage or harvest

Leaf Miner. Two-  
days of harvest if

ettle, Serpentine  
ply within 5 days

Mite — Apply  
Do not graze or

Mite, Tropical  
1/2 pint. If mite  
10 days. Cotton  
r, Fleahopper —  
fed to livestock.

ppers, Serpentine  
t apply within 7

ed), Potato Flea  
to 1 pint. Do not

int. Do not apply  
es such as Char-

green) — Onion  
pints per acre.  
ng or transplant-  
water and apply  
are agitated.

Use 1/2 to 3/4  
reated forage to

ons, Sugarbeets  
eed Alfalfa,  
Use 1/2 to 1

Beet Seed Crops  
n be fed to live-

ge, Two-Spotted  
trions to two per  
ertain climatic  
osphorus chemi-

pper, Serpentine  
ot apply within 7

Mites — Use 1/4

1/2 pint. Do not

Leaf Miner. Two-  
of Harvest.

ato Flea Beetle,  
Use 1/2 to 1 pint



# TRITHION<sup>®</sup> 8-E

**EMULSIFIABLE LIQUID  
INSECTICIDE - ACARICIDE**

Contains eight pounds TRITHION per gallon.

**ACTIVE INGREDIENTS:**

Carbophenothion: S-[(p-chlorophenylthio)

methyl] O,O-diethyl phosphorodithioate 79.1%

Xylene range aromatic hydrocarbon solvent 6.5%

**INERT INGREDIENTS:** 14.4%

100.0%

Rinse spray equipment and containers. Discharge liquid waste in pit in isolated area located away from water supplies.

PERFORATE EMPTY METAL CONTAINERS. CRUSH AND BURY GLASS.

U.S. Patent No. 2,793,224

## WARNING

**MAY BE FATAL IF SWALLOWED.**

Do not get in eyes, on skin or clothing. For commercial application, wear rubber gloves, protective clothing, rubber overshoes and goggles. In case of contact, wash immediately with soap and water; for eyes, flush with water for 15 minutes. Wash hands, arms, and face thoroughly with soap and water before eating or smoking. Do not contaminate feed and food. Wash contaminated clothing with soap and hot water before re-use.

**ANTIDOTE** — Exposure may cause cholinesterase inhibition. Call a physician immediately in all cases of suspected poisoning. Atropine is antidotal. 2-PAM also is antidotal when administered early, and in conjunction with atropine.

## Keep Out of Reach of Children

**NOTICE:** Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

Protect from temperatures below 0°F. Liquid phases may separate at lower temperatures. Warm or store at higher temperatures and mix thoroughly to recombine liquid phases and assure uniformity before use.

## NET CONTENTS

E. P. A. REG. No. 476-1633-AA

Made In U.S.A. By

**STAUFFER CHEMICAL COMPANY**

WESTPORT, CT 06880

**ACCEPTED**

3-ARC-720627-0

**STAUFFER CHEMICAL COMPANY**

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND ROUENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 476-1633

## FRUIT AND NUT CROPS

Unless otherwise specified, pesticide dosage rates are given as pints TRITHION 8-E (and gallons spray oil where shown) per 100 gallons water for use in a thorough coverage spray. When used, concentrate and semi-concentrate sprays should be applied in sufficient water for thorough coverage according to equipment manufacturers' directions.

The maximum permissible pesticide rate per acre, expressed as TRITHION 8-E, is given in parenthesis, ( ), after each crop claim and must not be exceeded whether using dilute or concentrate sprays. Apply a minimum of 1 pint TRITHION 8-E per acre. In California, observe the following minimum water rate schedule:

| Crop                   | Gal. Water Per Acre |        |
|------------------------|---------------------|--------|
|                        | Aircraft            | Ground |
| Orchard (Mature Trees) | 10                  | 40     |
| Citrus                 | 10                  | 100    |

**ALMONDS (California only):** Pre-Bloom or Petal Fall: Mites, Twig Borer — Apply 1/2 pint. Summer: Mite (Clover [Brown Almond], European Red, Two-Spotted) — Use 1/4 pint plus up to 2 gallons spray oil. If almond hulls are to be used for feed, do not apply within 7 days of harvest or make more than 1 application per season. Multiple applications in accordance with local programs may be made if hulls are not to be used for feed. (2 1/2 pints) Dormant: Overwintering Mite and Aphid Eggs, Scales (European Fruit Lecanium, Olive [Parlatoria], San Jose) — Use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil.

**APPLES, CRABAPPLE, PEAR, QUINCE:** Summer: Aphids (Apple, Rosy Apple, Woolly Apteris, Codling Moth, Leafhoppers, Mites, Clover [Brown Almond], European Red, Two-Spotted) — Use 1/4 pint. Apply only after full leaf expansion. Do not apply within 30 days of harvest. (1 1/4 pints) Dormant or Delayed Dormant: Overwintering Aphid and Mite Eggs, Pear Psylla, Scales (Forbes, Oyster Shell, Putnam, San Jose, Scurfy) — Use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil with thorough coverage.

**APRICOT:** Summer: Codling Moth, Mites (Clover [Brown Almond], European Red, Two-Spotted) — Use 1/4 pint. Do not apply within 30 days of harvest. (2 pints) Dormant: Overwintering Aphid and Mite Eggs, Scales (European Fruit Lecanium, San Jose, Soft Bristle) — Use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil.

**CHERRY:** Summer: Mites (Cherry Rust, Clover [Brown Almond], European Red, Two-Spotted) — Use 1/4 pint. Do not apply within 30 days of harvest. (2 pints) Dormant: Overwintering Aphid and Mite Eggs, Scales (European Fruit Lecanium, Forbes, Olive [Parlatoria], San Jose) — Use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil.

**CITRUS:** Mites (Citrus Red [Purple], Citrus Rust, Six-Spotted, Texas Citrus, Yuma). Apply 1/4 to 3/4 pint per 100 gallons water. If 1/4 pint is used, application may be made up to day of harvest (2 1/2 pints). If 3/4 pint is used, do not apply within 14 days of harvest (3 3/4 pints). If more than one application is made, do not re-apply within 30 days of the previous application. Scales: California Red, Citricola, Cottony Cushion, Florida Red, Purple, Brown Soft, Yellow — 1/2 pint plus 1 to 2 gallons spray oil. Do not apply within 30 days of harvest (5 pints).

TRITHION may cause off-colored spots on Grapefruit in Texas if applied after July 1 and before fruit is fully colored or in summer or fall before fruit is fully colored in other areas. Trithion may injure grapefruit in Florida if combined with oil in the summer or if applied alone in the fall before the fruit is fully colored. Do not apply to Kumquat or Citron.

**FIGS:** Two-Spotted Mites — Use 1/4 to 1/2 pint. Do not apply within 7 days of harvest. (2 1/2 pints)

**OLIVE:** Scales (European Fruit Lecanium, Olive [Parlatoria], San Jose) — Apply 1/4 to 1/2 pint plus 1 to 2 gallons of spray oil. Do not apply within 60 days of harvest. (9 pints)

**PEACH, NECTARINE:** Summer: Mites (Clover [Brown Almond], European Red, Two-Spotted) — Use 1/4 pint. Do not apply within 30 days of harvest. (2 pints)

Dormant: Scales (European Fruit Lecanium, Olive [Parlatoria], San Jose) — Use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil. Overwintering Mite Eggs (California only) — Use 1/2 pint.

**PECAN:** Two-Spotted Mites — Use 1/4 pint. Do not apply after husks open. Do not graze livestock on cover crops grown in treated Pecan groves. (2 1/2 pints)

**PLUM, PRUNE:** Summer: Leaf Curl, Plum Aphid, Leafhoppers, Mites (Clover [Brown Almond], European Red, Two-Spotted) — Use 1/4 pint. Do not apply within 30 days of harvest. (2 pints) Dormant: Overwintering Aphid and Mite Eggs, Scales (European Fruit Lecanium, Olive [Parlatoria], San Jose) — Use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil.

**WALNUT:** Summer: Codling Moth, European Red Mite, Two-Spotted Mites, Walnut Aphid, and for suppression of European Fruit Lecanium — Use 1 to 2 pints per acre in sufficient water for coverage. Best results for scale insect suppression are obtained if application is made after eggs have hatched. Do not apply after husks open. Do not graze livestock on cover crops grown in treated walnut groves. Dormant: Walnut Aphid, Overwintering Mite Eggs, Scales (Calico, European Fruit Lecanium, Frosted) — Use 1 to 2 pints plus 2 gallons spray oil per acre in sufficient water for coverage. Do not apply more than 2 gallons of oil per acre.

**POST-HARVEST APPLICATION TO DECIDUOUS FRUIT AND NUT CROPS:** To decrease overwintering populations of Aphids, Leafhoppers, Spider Mites — Use 1/4 to 1/2 pint. For control of Aphid and Mite Eggs, Scales (European Fruit Lecanium, San Jose) — 1/4 to 1/2 pint plus 1 to 2 gallons spray oil. Cover crops should not be grazed or fed to livestock.

## NON-FOOD CROPS (For use by commercial applicators only)

**FOREST AND CHRISTMAS TREE PLANTINGS:** European Pine Shoot Moth — Apply 3/4 to 1 pint in 5 to 50 gallons of water per acre. Repeat application if necessary.

**LAWNS, TURF:** Chinch Bugs, Bermuda Mite, Rhodes Grass Scale, and Thrips on Bermudagrass — Wet lawn thoroughly then apply 5-6 pint of TRITHION 8-E in 100 to 150 gallons of water to 5,000 sq. ft. of lawn area. Do not permit children or domestic animals on lawns until treated area is completely dry.

**ORNAMENTALS:** Arbor-Vitae, Althaea (Hollyhock), Amaryllis Antirrhinum (Snapdragon), Araucaria (Norfolk Island Pine), Asparagus Fern, Begonia (both fibrous and tuberous rooted), Bignonia (Trumpet-Flower), Boxwood, Cacti, Callistephus (China Aster), Calluna (Heather), Calonyction (Moonflower), Camellia, Carnation, Cedar, Chrysanthemum, Cissampelos, Citrus, Croton, Coleus, Cosmos, Crotoneaster, Crataegus (Hawthorn), Cycas (Sago-Palm), Dahlia, Delphinium, Eucalyptus, Euonymus, Euphorbia Pitherrima (Poinsettia), Fagus (Beech), Ficus Elastica (Rubber-Plant), Ferns, Firs, Fuchsia, Gardenia, Guava, Hedera Helix (Ivy), Hemlock, Hydrangea, Ilex (Holly), Jasmine, Juniper, Lantana, Lathyrus (Sweet Pea), Ligustrum (Privet), Lilium (Lily), Magnolia, Myrtus (Myrtle), Nerium (Oleander), Orchids, Palms, Poinx, Pine, Pterisporum, Sycamore, Poplar, Primula (Primrose), Prunus (Almonds, Peaches, Cherries, Plums), Pyracantha (Firethorn), Rhododendron (and Azalea), Ribes (Flowering Currant), Robinia (Black Locust), Saintpaulia (African Violet), Sorbus (Mountain Ash), Strelitzia (Bird-of-Paradise), Syringa (Lilac), Tilia (Linden), Tropaeolum (Nasturtium), Ulmus (Elm), Violas (Violets), Pansies.

**For Control of:** Aphids (Monterey Pine, Rcse, Black Bean, Pine Bark, Apple, Rosy Apple, Woolly Apple, Oleander), Mealybugs (Citrus, Mexican, Long-Tailed, Citrophilus), Spider Mites (Two-Spotted, Spruce, Citrus Red [Florida Purple], Citrus Rust, Six-Spotted, Texas Citrus, Yuma), Scale Insects (Black, Hemispherical, Lantana, Greedy, California Red, Soft, Utah Cedar, Citricola, Cottony Cushion; Yellow, Olive Parlatoria, Oyster Shell, San Jose, European Fruit Lecanium, Putnam Tea, Ivy, Boisduval's, Forbes), Bagworms, Potato Leafhopper — Use 3/4 to 1 pint per 100 gallons of water.

**CAUTION:** Tolerance of most plants to TRITHION appears to be excellent. A few ornamentals including some Crassulaceae, certain Ferns, and a few very sensitive greenhouse rose varieties have been injured. Where sensitivity is questionable, TRITHION should be tested on a few plants. Use with caution on tender plants.