

Berries: Black-, Boysen-, Dew-, Logan-, Rasp-Berries, - Japanese Beetles, do not apply within 1 day of harvest. Strawberries - Aphids, Spider Mites, Potato Leafhoppers, Strawberry Leafroller, Strawberry Root Weevil, Whitefly. For Field Crickets, Lygus Bug, Spittlebug and Thrips, use 3 tsp. Do not apply within 3 days of harvest.

Melons: including Cantaloupes, Casabas, Crenshaw, Honeydew, Muskmelons, Persian Melons (& Hybrids) - Aphids, Cucumber Beetle, Spider Mites. Do not apply within 1 day of harvest. Fruit Trees: Apples - Bud Moth, Woolly Apple Aphid, Green Apple Aphid, Roxy Apple Aphid, Forbes Scale, Mealybug, Codling Moth, Plum Curculio, Red-Banded Leaf Roller, Tent Caterpillar, May injure Macintosh & Cortland Varieties. So not apply within 3 days of harvest. Cherries: Black Cherry Aphid, Bud Moth, Cherry Fruit Fly, Japanese Beetle, Fruit Tree Leaf Roller. Do not apply within 3 days of harvest. Peaches: Black Cherry Aphid, Black Peach Aphid, Green Peach Aphid, Cottony Peach Scale, Terrapin Scale, Oriental Fruit Moth, Plum Curculio. Do not apply within 7 days of harvest. Pears: Mealybugs, Mites, Pearpsylla, Codling Moth, Fruit Tree Leaf Roller, Plum Curculio, Red Banded Leaf Roller. May cause injury on Booc Pears under certain conditions in the North-East. Do not apply within 1 day of harvest.

Vegetables: Beets, Brussel Sprouts - Aphids, Cabbage - Aphids, Cabbage Looper, Imported Cabbageworm, Carrots - Aphids, Leafhoppers, Cauliflower - Caterpillars, Celery - Aphids, Spider Mites, Endive - Aphids & Mites, Peas - Aphids, Pea - Weevil, Spinach - Aphids. On these crops - Do not apply within 7 days of harvest. Broccoli - Aphids, Eggplant - Aphids, Spider Mites, Garlic - Aphids, Thrips, Lentils - Cowpea Aphids, Pea Aphids, Maggots, Potatoes - Aphids, False Chinch Bug, Leafhoppers, Mealybugs, Pumpkins - Aphids, Mites. For these crops do not use within 3 days of harvest. Asparagus; Aphid, Asparagus Beetle, Thrips. Beans - Aphid, Cucumber - Beetles, Japanese Beetles, Mites, Mexican Bean Beetle. Cucumbers: Aphids, Pickleworm, Spider Mites, (for cucumber beetle use 3 tsp.), Squash - Aphids, (For Squash Vine Borer & Cucumber Beetles, use 3 tsp.) Tomatoes - Tomato Aphids, Drosophila (Fruit Flies), Spider Mites. On these Crops, do not apply within 1 day of harvest. Corn - Aphids, Armyworms, Cereal Leaf Beetle, Corn Rootworm Adults, Grasshoppers, Sap Beetles, Thrips. Do not apply within 5 days of harvest.

NOTICE: Seller and Manufacturer warrant that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with direction under normal conditions of use, but neither this warranty nor other 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 under conditions not reasonably foreseeable to seller, and buyer assumes the risk of such use.

CT  **chem - tox**

MAL 50% — E.C.

CONTAINS CYTHION*
EMULSIFIABLE LIQUID
for GARDEN-HOME-FARM

ACTIVE INGREDIENTS	by weight
Malathion (0,0-Dimethyl Dithiophosphate of Diethyl Mercaptosuccinate).....	50.0%
Xylene - Range Aromatic Solvent.....	44.0%
INERT INGREDIENTS.....	6.0%
TOTAL	100.00%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT
If swallowed - Call physician or Poison Control-Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. If inhaled - Remove victim to fresh air. Apply respiration if indicated. If on skin - Remove contaminated clothing and wash affected areas with soap and water. If in eyes - Flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: This product may cause cholinesterase inhibition. Atropine is antidotal.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed. Avoid contact with skin. Wash thoroughly after using. Avoid breathing of spray mist. Avoid contamination of feed and foodstuff.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams, or ponds. 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.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS:
Do not store or use near heat or open flame.

EPA REG. NO. 45385-43
EPA EST. NO. 45385-IL-01

CHEM-TOX, INC. ORDER CODE:
BARRINGTON, IL 60010 EC-516

Net 1 Gallon / 3.785 Liters

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

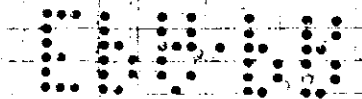
STORAGE & DISPOSAL
Avoid Storage conditions that might alter the composition or usefulness of the pesticide, e.g., temperature extremes, excessive moisture or humidity, heat, sunlight, friction or contaminating substances or media. Keep pesticide container closed in a cool, dry, locked cabinet or room.

PESTICIDE DISPOSAL:
Do not contaminate water, food, or feed by storage or disposal. Pesticide Wastes are toxic. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:
Metal Containers — Triple Rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.
Plastic Containers — Triple Rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

HOUSEHOLD USE PESTICIDE ONLY:
Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse container (bottle, can, jar). Rinse thoroughly before discarding in trash.



ACCEPTED
JUN 30 1986
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 45385-43

45385-43

06/30/1986

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DIRECTIONS FOR USE

Household Insects: For control of Roaches, Ants, Spiders, Silverfish, Crickets, Clover Mites and Earwigs, use at a rate of 3 tbs. per quart (1 quart per 5 gal.) of water. Apply as a coarse spray or with a paint brush to window sills, baseboards, drainboards, under sinks and stoves and other areas frequented by insects. For effective control, all cracks and crevices in walls, floors and woodwork must be treated.

Flies & Mosquitoes: Use at a rate of 2 quarts per 25 gal. (1 pint to 6 gal. of water). For best results add 1 pound of sugar to each gal. of finished spray. Mix well. Spray all surfaces and places where flies and mosquitoes congregate. Use a wetting spray to the point of run-off. Use around buildings, stockyards, dairy barns, poultry houses, garbage cans, and manure piles, repeat as necessary.

Dog & Cat Pests / Fleas & Lice: Using a hand sprayer, wet the animal thoroughly with a spray composed of 1 oz. (2 tbs.) of product in 1 gal. of water. If necessary, repeat treatment in 7 days. Do not treat animals under one month of age. **Animal Quarters:** (Kennels, pens, yards, lawns and under houses) use a spray containing 5 oz. (10 tbs.) in 1 gal. water (1 gal. to 25 gals.) Use 1 gal. of spray/1000 square feet. Use a garden sprayer or sprinkling can. Remove manure and debris before spraying.

Cattle: (Beef and Non-milking) Hornflies - Use 1-1½ gals. per 100 gals. of water (6½-10 oz. per 5 gals.) Apply as a complete coverage spray and repeat at 2 week intervals if needed. **Lice -** Use 1 gal. per 100 gals. of water (6½ oz. per 5 gals.) Apply as a complete coverage spray. One treatment may suffice. Repeat only if needed. **Ticks -** Use 1-2 gals. per 100 gal. of water. (6½-13 oz. per 5 gals.) Apply a complete coverage spray and repeat at 2 week intervals if needed. **Back Rubbing Device:** For reduction of Lice and Hornflies use a 2% mixture in fuel oil. Should be continuously accessible. Use one rubbing device to each 35 to 45 head of cattle. Retreat the rubbing device every 2-3 weeks.

For use on cattle (beef and non-milking) only. Do not spray or make accessible (back rubbing devices) to lactating dairy animals or non-lactating dairy animals within 2 weeks of freshening. Do not treat animals under one month of age. May be applied on day of slaughter.

Horses - Hornflies: Use 1½ gals. per 20 gals. of water (1/2 - 1 oz. per 5 gals.) Apply as a complete coverage spray and repeat at 2 week intervals if needed. **Lice -** Use 1 gal. per 100 gals. of water (6½ oz. per 5 gals.) Apply as complete coverage spray. One treatment may suffice. Repeat only if needed. **Ticks -** Use 1-2 gals. per 100 gals. of water (6½ oz. per 5 gals.) Apply a complete coverage spray and repeat at 2 week intervals if needed.

Goats and Sheep Keds -** Use 1 gal. per 100 gals. of water (6½ oz. per 5 gals.) Spray animals thoroughly. **Lice -** Use 54 pints per 100 gal. of water (5 oz. per 5 gals.) Spray animals thoroughly. **Ticks -** Use 1-2 gals. per 100 gals. of water (6½ oz. per 5 gals.) Apply complete coverage spray. **DO NOT APPLY TO MILK GOATS. Do not treat animals under one month of age. Repeat application after 2 or 3 weeks if needed.

Hogs - Lice and Sarcoptic Mange - Use 1 gal. per 100 gals. of water (6½ oz. per 5 gals.). For Lice apply a complete coverage spray to animals, pens and litter. One treatment may be sufficient. Repeat only if needed. For Sarcoptic Mange apply a complete spray to all animals in herd, bedding and walls. Use extreme care to thoroughly cover all body surfaces of the animals, including inside of ears. One thorough spraying will usually control sarcoptic mange of swine. However, extensive cases will require a second treatment about 10 days after first application. After spraying, swine should be kept out of sun and wind for a few hours.

Poultry (Chickens, Ducks, Geese & Turkeys) Chicken Red Mite. Use 2 tbs. per gal. per 100 to 150 birds. Make a direct application and repeat in 4-8 weeks or as needed. Use as a supplemental premise treatment for chicken red mite. Chiggers - Apply 1-1½ pints per acre as a range treatment. Treat range thoroughly the day before placing poultry on range. Repeat every 2-3 weeks. **Flies -** Use 4 tbs. per gal. and apply as a premise treatment. Apply liberally to litter, walls, ceilings, roost nests and adjacent areas. Force spray into cracks and crevices. **Lice and Northern Foul Mite - Direct Application -** Use 2 tbs. per 100 gals. per 100-150 birds. Repeat application in 4-8 weeks or when necessary. **Tail Dipping Application -** Use 8½ oz. per 15 gals. per 400 birds. Hold birds by wings and dip 3-4 inches of tail into solution. Treat vent and surrounding areas. Repeat in 7 to 10 days if necessary. **Roost Paint -** Use 2-7 oz. per gal. of water or oil and brush on at a rate of 1 pint per 150 foot of roost. **Premise Treatment -** Use 4 tbs. per gallon and apply liberally to litter, walls, ceilings, roost nests and adjacent areas. Force spray into cracks and crevices. **Ticks - Premise Treatment -** Use 6-7 oz. per gal. and apply liberally to walls, ceilings and adjacent areas. Force spray into cracks and crevices.

OUTDOOR APPLICATION:

Apply as a spray using 2 tsp./gal. of water (unless indicated otherwise). Spray entire plant thoroughly, including lower leaf surface. Apply as insects appear, repeat treatment as needed.

Ornamentals: Flowers, Shrubs, Shade Trees - Oak Kermes, Oyster Shell Scale, Fletcher Scale, Florida Red Scale, Juniper Scale (apply when scale crawlers have settled on foliage), Azalea Scale, Birch Leaf Miner, Boxwood Leaf Miner, Euonymus Scale, European Pine Shoot Moth, Fur-lined Leaf Bug, Adult Japanese Beetle, Magnolia Scale, Pine Leaf Scale, Potato Leaf Hopper, Rose Leaf Hopper, Scurfy Scale, Tarnished Plant Bug, Thrips, Tent Caterpillar, Aphids, Mealy Bugs, Spider Mites, Whitefly, Bagworm, Lace Bug, Black Scale Crawlers, Monterey Pine Scale, Soft Brown Scale, For Wax Scale & Pine Needle Scale use 4 tsp./gal. of water (apply in spring when crawlers are active. Repeat 1 or 2 full coverage applications at 10 day intervals).

Injury may occur on Ferns, Hickory, Viburnum, Lantana, Crassula & Canariti Juniper. Slight injury may occur on Boston, Peteris-, & Maidenhair Ferns, Petunias, Small-Leaf Spirea, White Pine, Maple & Elm.