

ORTHO®

MAX®

MALATHION

**INSECT SPRAY
CONCENTRATE**

**KILLS MOSQUITOES
& OTHER LISTED NUISANCE INSECTS!**

KEEP OUT OF REACH OF CHILDREN
CAUTION See back panel booklet for
additional precautionary
statements.

ACTIVE INGREDIENT:

Malathion..... 50%

OTHER INGREDIENTS*..... 50%

*Contains Petroleum Distillate



**FOR OUTDOOR
HOME USE
ONLY**



LB23635


NET CONTENTS 16 fl oz (1 pt) / 473 mL



ORTHO[®]
MALATHION^{MAX}[®]

INSECT SPRAY
CONCENTRATE

KILLS MOSQUITOES AND OTHER LISTED NUISANCE INSECTS

 **NOTICE:** This product can expose you to Malathion which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

OPEN
Resealable Label
for Directions
and Precautions

Questions, Comments or Medical Information
call 1-800-225-2883 www.ortho.com

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Sold by **The ORTHO Group**

P.O. Box 190, Marysville, OH 43040

EPA Reg. No. 239-739

EPA Est. No. 239-1A-3



**FOR OUTDOOR
HOME USE ONLY**



LB23636



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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Precautions and Restrictions:

DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT ANY PERSON OR PET, EITHER DIRECTLY OR THROUGH DRIFT. KEEP PEOPLE AND PETS OUT OF THE AREA DURING APPLICATION.



DO NOT ALLOW PEOPLE OR PETS TO ENTER TREATED AREA UNTIL SPRAYS HAVE DRIED.

Do not use food utensils such as teaspoons and tablespoons for food purposes after use with pesticides.

- Do not apply by ground within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, wetlands or natural ponds, estuaries, and commercial fish farm ponds).
- Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, wetlands or natural ponds, estuaries and commercial fish farm ponds). Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to or allow the product to enter sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply to vertical surfaces directly above pervious or impervious surfaces that drain into ditches, storm drains, gutters, or surface waters.
- Do not apply or irrigate to the point of runoff.
- Following best management practices can help reduce risk to terrestrial pollinators. Examples of best management practices include applying pesticides in the evening and at night when pollinators are not foraging and avoiding applications to flowering plants. For additional resources on pollinator best management practices, visit <https://www.epa.gov/pollinator-protection/find-best-management-practices-protect-pollinators>.
- Do not apply this product when a storm event likely to produce runoff from the treated area is forecasted (by NOAA/National Weather Service, or other similar forecasting service) to occur within 24 hours following application.
- Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call 1-800-225-2883.

tsp = teaspoon Tbs = Tablespoon
 3 teaspoons (tsp) = 1 Tablespoon (Tbs) = ½ fl oz

When using Ortho® Dial 'N Spray®

1. Set dial to the setting indicated in the use directions for your specific application.
2. Pour product into sprayer to fill jar one-quarter to one-half full.
3. After spraying, unused product must be poured back into its original container.

When using a tank sprayer

1. Blend appropriate amount of Ortho® MAX® Malathion Insect Spray Concentrate with appropriate amount of water following the dilution instructions for each site-pest combination listed below.
2. Operate sprayer by following the manufacturer's instructions. Spray as directed below.

OUTDOOR ORNAMENTALS

TO KILL THESE INSECTS	Aphids, Bagworms, Boxelder Bugs, Fourlined Leaf Bugs, Hemlock Woolly Adelgids, Japanese Beetles, Lacebugs, Leafhoppers (rose), Mealybugs, Red Spider Mites, Spruce Mites, Tarnished Plant Bugs, Thrips, Woolly Aphids and Scales (Black, Oyster Shell & Soft Brown)
ON THESE PLANTS	Roses, Flowers, Camellias, Azaleas, Chrysanthemums & Evergreens (Do not use on Boston, Maidenhair and Pteris ferns, Canaerti Juniper and/or some species of Crassula such as Jade Plant).

OUTDOOR ORNAMENTALS (cont.)

	INSECT	AMOUNT
USE THIS AMOUNT	Aphids	2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.
	Bagworms, boxelder bugs, fourlined leaf bugs, hemlock woolly adelgids, Japanese beetles, Lacebugs, leafhoppers (rose), Mealybugs, red spider mites, spruce mites, tarnished plant bugs, thrips and woolly aphids	1 Tbs (3 tsp) per gallon of water. Ortho® Dial 'N Spray® setting is 1 Tbs.
	Scales (Black, Oyster Shell & Soft Brown)	2 Tbs per gallon of water. Ortho® Dial 'N Spray® setting is 2 Tbs.
HOW TO APPLY	<ul style="list-style-type: none"> • Use an Ortho® Dial 'N Spray® or tank sprayer. • Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts. 	
WHEN TO APPLY	<ul style="list-style-type: none"> • Spot treatment only. • Wait 10 days between each application. • Do not apply more than two applications per year. 	

FRUITS		
TO KILL THESE INSECTS	Aphids, Bud Moths, Codling Moths, Fourlined Leaf Bugs, Japanese Beetles, Leafhoppers (Grape), Leafrollers (Red-Banded, Fruit Tree, & Strawberry), Mealybugs, Pear Psyllids, Plum Curculios, Red Spider Mites, Spittlebugs, Tarnished Plant Bugs, Tent Caterpillars, Thrips, Whiteflies & Woolly Aphids, Scale Crawlers	
ON THESE PLANTS	Apricots, Cherries, Peaches & Pears. Malathion may cause injury to Bosc Pears. Do not apply this product within 3 days prior to bloom, during bloom, or until petal fall is complete. Grapes & Strawberries. Malathion may cause injury to Ribier Grapes.	
	INSECT	AMOUNT
USE THIS AMOUNT	Aphids	2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.
	Bud Moths, Codling Moths, Fourlined Leaf Bugs, Japanese Beetles, Leafhoppers (Grape), Leafrollers (Red-Banded, Fruit Tree & Strawberry), Mealybugs	1 Tbs per gallon of water. Ortho® Dial 'N Spray® setting is 1 Tbs.

FRUITS (continued)

	INSECT	AMOUNT
USE THIS AMOUNT	Pear Psyllids, Plum Curculios, Red Spider Mites, Spittlebugs, Tarnished Plant Bugs, Tent Caterpillars, Thrips, Whiteflies & Woolly Aphids	1 Tbs per gallon of water. Ortho® Dial 'N Spray® setting is 1 Tbs.
	Scale Crawlers	2 Tbs per gallon of water. Ortho® Dial 'N Spray® setting is 2 Tbs.
TO KILL THESE INSECTS	Aphids, Scales (Black, Purple, Yellow & Florida Red), Thrips & Whiteflies	
ON THESE PLANTS	Mangos and Citrus (Oranges, Tangerines, Grapefruits, Lemons & Limes) Do not apply this product within 3 days prior to bloom, during bloom, or until petal fall is complete.	
	INSECT	AMOUNT
USE THIS AMOUNT	Aphids, Scales (Black, Purple, Yellow & Florida Red), Thrips & Whiteflies	2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.

FRUITS (continued)

HOW TO APPLY	<ul style="list-style-type: none"> • Use an Ortho® Dial 'N Spray® or tank sprayer. • Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts.
WHEN TO APPLY	<ul style="list-style-type: none"> • Application equipment limited to hand-pump (tank) sprayers, hose-end sprayers, and sprinkler cans. • Do not apply more than two applications per year. • Wait 10 days between each application.
WHEN TO HARVEST	
Pears & Mangos	Do not apply within 1 day of harvest.
Cherries, Grapes & Strawberries	Do not apply within 3 days of harvest.
Apricots	Do not apply within 6 days of harvest.
Peaches	Do not apply within 7 days of harvest.
Citrus	Do not apply within 7 days of harvest.

VEGETABLES & MELONS

TO KILL THESE INSECTS	Aphids, Beetles (Bean Leaf, Blister, Japanese & Mexican Bean), Cabbage Loopers, Harlequin Bugs, Imported Cabbageworms, Leafminers, Leafhoppers, Leafrollers (Strawberry), Lygus Bugs, Onion Maggots (Flies), Onion Thrips, Pickleworms, Red Spider Mites, Root Weevils (Strawberry), Thrips & Whiteflies, Cucumber Beetles & Squash Vine Borers
ON THESE PLANTS	Potatoes, Beans [†] , Cantaloupe*, Cucumbers*, Melons*, Okra, Squash*, Tomatoes, Broccoli, Eggplant, Garlic, Leeks, Onions, Peas, Peppers, Pumpkin*, Shallots, Sweet Potatoes, Beets**, Brussels Sprouts, Cabbage, Cauliflower, Celery, Collards, Endive, Kale, Mustard Greens, Radish, Rutabagas, Spinach, Turnips, Head Lettuce, Leaf Lettuce & Swiss Chard

VEGETABLES & MELONS (cont.)

	INSECT	AMOUNT
USE THIS AMOUNT	Aphids	2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.
	Beetles (Bean Leaf, Blister, Japanese & Mexican Bean), Cabbage Loopers, Harlequin Bugs, Imported Cabbageworms, Leafminers, Leafhoppers, Leafrollers (Strawberry), Lygus Bugs, Onion Maggots (Flies), Onion Thrips, Pickleworms, Red Spider Mites, Root Weevils (Strawberry), Thrips & Whiteflies	1 Tbs (3 tsp) per gallon of water. Ortho® Dial 'N Spray® setting is 1 Tbs.

VEGETABLES & MELONS (cont.)

	INSECT	AMOUNT
USE THIS AMOUNT	Cucumber Beetles & Squash Vine Borers	4 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 4 tsp.
HOW TO APPLY	•Use an Ortho® Dial 'N Spray® or tank sprayer. •Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts.	
WHEN TO APPLY	• Application equipment limited to hand-pump (tank) sprayers, hose-end sprayers, and sprinkler cans. • Do not apply more than two applications per year.† • Wait 10 days between each application † except for eggplant and okra – do not apply this product more than 4 times per year on these vegetables.	
WHEN TO HARVEST		
Potatoes		May be applied up to day of harvest.
Beans†, Cantaloupe*, Cucumbers*, Melons*, Okra, Squash* & Tomatoes		Do not apply within 1 day of harvest.

VEGETABLES & MELONS (cont.)

WHEN TO HARVEST

Broccoli, Eggplant, Garlic, Leeks, Onions, Peas, Peppers, Pumpkin*, Shallots & Sweet Potatoes	Do not apply within 3 days of harvest.
Beets**, Brussels Sprouts, Cabbage, Cauliflower, Celery, Collards, Endive, Kale, Mustard Greens, Radish, Rutabagas, Spinach, & Turnips	Do not apply within 7 days of harvest.
Head Lettuce, Leaf Lettuce & Swiss Chard	Do not apply within 14 days of harvest.

† DO NOT USE ON BEAN CROPS USED FOR FORAGE OR HAY.

* DO NOT APPLY UNLESS LEAVES ARE DRY.

** DO NOT USE ON SUGAR BEETS.

NUISANCE INSECTS – Outdoors Only

TO KILL THESE INSECTS	Clover Mites, Ants (except Fire, Pharaoh, Carpenter and Harvester Ants), Crickets, Earwigs, Roaches, Spiders, and Adult Mosquitoes.	
IN THESE AREAS	Exterior House Foundation; Patios and Garbage Cans; under Porches and Shrubbery; Along Fences; Firewood Piles; and Ornamental Vegetation	
	INSECT	AMOUNT
USE THIS AMOUNT	Clover Mites	2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.
	Ants, Crickets, Earwigs, Roaches & Spiders	8 Tbs (4 fl oz) per gallon of water. Ortho® Dial 'N Spray® setting is 4 oz.
	Adult Mosquito Control	9 Tbs per gallon of water. (use tank sprayer only)

NUISANCE INSECTS – Outdoors Only (continued)

HOW TO APPLY	<ul style="list-style-type: none"> • Use an Ortho® Dial 'N Spray® or tank sprayer. • Apply as a coarse spray to the lower outside foundation of house, patios and garbage cans; under porches and shrubbery; along fences; to firewood piles; and ornamental vegetation where mosquitoes may rest. • Specific directions for Clover Mite: Spray a 2-ft wide strip along side of house. • DO NOT USE INSIDE THE HOME. • DO NOT USE ON ANIMALS.
WHEN TO APPLY	<ul style="list-style-type: none"> • Apply a coarse spray in a two-foot wide or less band from the base of a man-made structure and up to two feet on wall surfaces. • Do not apply more than 4 applications per year. • The minimum retreatment interval is 7 days.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray. Do not contaminate with other pesticides or fertilizers. This product should never be heated above 55 °C (131 °F), and should not be stored for long periods of time at a temperature in excess of 25 °C (77 °F).

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER DISPOSAL: If empty: Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear protective eye wear (goggles, safety glasses, or face shield), long-sleeved shirt, long pants, shoes, and socks. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID

If swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

FIRST AID (continued)

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-465-5161 for emergency medical treatment information.

Note to Physicians: May pose an aspiration pneumonia hazard. Contains petroleum distillate. Emergency Information: Call 1-877-465-5161. Contains petroleum distillate. May pose an aspiration pneumonia hazard. Malathion is a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition develop, atropine sulfate is antidotal; 2-PAM (PROTOPAM) may also be given in conjunction with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call 1-800-225-2883.

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

NOTICE: To the extent consistent with applicable law, buyer assumes all risks of use, storage, or handling of this product not in accordance with directions.

The ORTHO® Guarantee: If for any reason you, the consumer, are not satisfied with this product, mail us your original proof of purchase to obtain a full refund of your purchase price.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear protective eye wear (goggles, safety glasses, or face shield), long-sleeved shirt, long pants, shoes, and socks. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call 1-800-225-2883.

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



Questions, Comments or Medical Information

call 1-800-225-2883 www.ortho.com

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P.O. Box 190, Marysville, OH 43040

LB23636

EPA Reg. No. 239-739

EPA Est. No. 239-IA-3

PRESS TO RESEAL



MALATHION^{MAX}

INSECT SPRAY CONCENTRATE

**KILLS MOSQUITOES & OTHER
LISTED NUISANCE INSECTS!**

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel booklet for additional
precautionary statements.

ACTIVE INGREDIENT:

Malathion 50%

OTHER INGREDIENTS* 50%

* Contains Petroleum Distillate



FOR OUTDOOR
HOME USE ONLY



LB23691

NET CONTENTS
32 fl oz (1 qt) / 946 ml





MALATHION^{MAX}

INSECT SPRAY

CONCENTRATE

MAKES UP TO 96 GALLONS DILUTED SPRAY


Easy to apply with an Ortho[®] Dial 'N Spray[®] or tank sprayer.

OPEN
Resealable
Label for
Directions and
Precautions

KILLS INSECTS

Aphids, Bagworms, Boxelder Bugs, Black Scale, Purple Scale, Yellow Scale, Florida Red Scale, Cabbage Looper, Codling Moth, Cucumber Beetles, Fourlined leaf bugs, Grape leafhopper, Japanese beetle adults, Lacebugs, Mealybugs, Mosquitoes, Pear psyllid, Red banded leafroller, Strawberry leafroller, Spittlebug, Red Spider Mite, Rose leafhoppers, Spruce mites, Scales, Tent Caterpillar, Tarnished plant bug, Thrips, Whiteflies, Hemlock Woolly Adelgid, and other listed insects.

ON: Outdoor Ornamentals, Roses, Flowers, Shrubs, Trees, Fruits, Citrus, & Vegetables.

 **NOTICE:** This product can expose you to Malathion which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov



Questions, Comments or Medical Information
call 1-800-225-2883

www.ortho.com



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P.O. Box 190
Marysville, OH 43040

EPA Reg. No. 239-739
EPA Est. No. 239-1A-3



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LB23692

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Precautions and Restrictions:

DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT ANY PERSON OR PET, EITHER DIRECTLY OR THROUGH DRIFT.

KEEP PEOPLE AND PETS OUT OF THE AREA DURING APPLICATION.



DO NOT ALLOW PEOPLE OR PETS TO ENTER TREATED AREA UNTIL SPRAYS HAVE DRIED.

- Do not use food utensils such as teaspoons and tablespoons for food purposes after use with pesticides.
- Do not apply by ground within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, wetlands or natural ponds, estuaries, and commercial fish farm ponds).
- Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, wetlands or natural ponds, estuaries and commercial fish farm ponds). Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to or allow the product to enter sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply to vertical surfaces directly above pervious or impervious surfaces that drain into ditches, storm drains, gutters, or surface waters.
- Do not apply or irrigate to the point of runoff.
- Following best management practices can help reduce risk to terrestrial pollinators. Examples of best management practices include applying pesticides in the evening and at night when pollinators are not foraging and avoiding applications to flowering plants. For additional resources on pollinator best management practices, visit <https://www.epa.gov/pollinator-protection/find-best-management-practices-protect-pollinators>.
- Do not apply this product when a storm event likely to produce runoff from the treated area is forecasted (by NOAA/National Weather Service, or other similar forecasting service) to occur within 24 hours following application.
- Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call 1-800-225-2883.

tsp = teaspoon

Tbs = Tablespoon

3 teaspoons (tsp) = 1

Tablespoon (Tbs) = ½ fl oz

When using Ortho® Dial 'N Spray®

- Set dial to the setting indicated in the use directions for your specific application.
- Pour product into sprayer to fill jar one-quarter to one-half full.
- After spraying, unused product must be poured back into its original container.

When using a tank sprayer

- Blend appropriate amount of Ortho® Max®

Malathion Insect Spray Concentrate with appropriate amount of water following the dilution instructions for each site-pest combination listed below.

- Operate sprayer by following the manufacturer's instructions. Spray as directed below.

OUTDOOR ORNAMENTALS

TO KILL THESE INSECTS	INSECT	
	Aphids, Bagworms, Boxelder Bugs, Fourlined Leaf Bugs, Hemlock Woolly Adelgids, Japanese Beetles, Lacebugs, Leafhoppers (rose), Mealybugs, Red Spider Mites, Spruce Mites, Tarnished Plant Bugs, Thrips, Woolly Aphids and Scales (Black, Oyster Shell & Soft Brown)	
ON THESE PLANTS	ROSES, FLOWERS, CAMELLIAS, AZALEAS, CHRYSANTHEMUMS & EVERGREENS (Do not use on Boston, Maidenhair and Pteris ferns, Canaerti Juniper and/or some species of Crassula such as Jade Plant).	
USE THIS AMOUNT	INSECT	AMOUNT
	Aphids	2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.
	Bagworms, boxelder bugs, fourlined leaf bugs, hemlock woolly adelgids, Japanese beetles, Lacebugs, leafhoppers (rose), Mealybugs, red spider mites, spruce mites, tarnished plant bugs, thrips and woolly aphids	1 Tbs (3 tsp) per gallon of water. Ortho® Dial 'N Spray® setting is 1 Tbs.
	Scales (Black, Oyster Shell & Soft Brown)	2 Tbs per gallon of water. Ortho® Dial 'N Spray® setting is 2 Tbs.
HOW TO APPLY	<ul style="list-style-type: none"> Use an Ortho® Dial 'N Spray® or tank sprayer. Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts. 	
WHEN TO APPLY	<ul style="list-style-type: none"> Spot treatment only. Wait 10 days between each application. Do not apply more than two applications per year. 	

FRUITS

TO KILL THESE INSECTS	Aphids, Bud Moths, Codling Moths, Fourlined Leaf Bugs, Japanese Beetles, Leafhoppers (Grape), Leafrollers (Red-Banded, Fruit Tree, & Strawberry), Mealybugs, Pear Psyllids, Plum Curculios, Red Spider Mites, Spittlebugs, Tarnished Plant Bugs, Tent Caterpillars, Thrips, Whiteflies & Woolly Aphids, Scale Crawlers	
ON THESE PLANTS	Apricots, Cherries, Peaches & Pears. Malathion may cause injury to Bosc Pears. Do not apply this product within 3 days prior to bloom, during bloom, or until petal fall is complete. Grapes & Strawberries. Malathion may cause injury to Ribier Grapes.	
	INSECT	AMOUNT
USE THIS AMOUNT	Aphids	2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.
	Bud Moths, Codling Moths, Fourlined Leaf Bugs, Japanese Beetles, Leafhoppers (Grape), Leafrollers (Red-Banded, Fruit Tree & Strawberry), Mealybugs, Pear Psyllids, Plum Curculios, Red Spider Mites, Spittlebugs, Tarnished Plant Bugs, Tent Caterpillars, Thrips, Whiteflies & Woolly Aphids	1 Tbs per gallon of water. Ortho® Dial 'N Spray® setting is 1 Tbs.
	Scale Crawlers	2 Tbs per gallon of water. Ortho® Dial 'N Spray® setting is 2 Tbs.

FRUITS (continued)

TO KILL THESE INSECTS	Aphids, Scales (Black, Purple, Yellow & Florida Red), Thrips & Whiteflies	
ON THESE PLANTS	Mangos and Citrus (Oranges, Tangerines, Grapefruits, Lemons & Limes) Do not apply this product within 3 days prior to bloom, during bloom, or until petal fall is complete.	
	INSECT	AMOUNT
USE THIS AMOUNT	Aphids, Scales (Black, Purple, Yellow & Florida Red), Thrips & Whiteflies	2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.
HOW TO APPLY	<ul style="list-style-type: none">• Use an Ortho® Dial 'N Spray® or tank sprayer.• Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts.	
WHEN TO APPLY	<ul style="list-style-type: none">• Application equipment limited to hand-pump (tank) sprayers, hose-end sprayers, and sprinkler cans.• Do not apply more than two applications per year.• Wait 10 days between each application.	
WHEN TO HARVEST		
Pears & Mangos	Do not apply within 1 day of harvest.	
Cherries, Grapes & Strawberries	Do not apply within 3 days of harvest.	
Apricots	Do not apply within 6 days of harvest.	
Peaches	Do not apply within 7 days of harvest.	
Citrus	Do not apply within 7 days of harvest.	

VEGETABLES & MELONS

TO KILL THESE INSECTS

Aphids, Beetles (Bean Leaf, Blisters, Japanese & Mexican Bean), Cabbage Loopers, Harlequin Bugs, Imported Cabbageworms, Leafminers, Leafhoppers, Leafrollers (Strawberry), Lygus Bugs, Onion Maggots (Flies), Onion Thrips, Pickleworms, Red Spider Mites, Root Weevils (Strawberry), Thrips & Whiteflies, Cucumber Beetles & Squash Vine Borers

ON THESE PLANTS

Potatoes, Beans†, Cantaloupe*, Cucumbers*, Melons*, Okra, Squash*, Tomatoes, Broccoli, Eggplant, Garlic, Leeks, Onions, Peas, Peppers, Pumpkin*, Shallots, Sweet Potatoes, Beets**, Brussels Sprouts, Cabbage, Cauliflower, Celery, Collards, Endive, Kale, Mustard Greens, Radish, Rutabagas, Spinach, Turnips, Head Lettuce, Leaf Lettuce & Swiss Chard

INSECT

AMOUNT

USE THIS AMOUNT

Aphids

2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.

Beetles (Bean Leaf, Blisters, Japanese & Mexican Bean), Cabbage Loopers, Harlequin Bugs, Imported Cabbageworms, Leafminers, Leafhoppers, Leafrollers (Strawberry), Lygus Bugs, Onion Maggots (Flies), Onion Thrips, Pickleworms, Red Spider Mites, Root Weevils (Strawberry), Thrips & Whiteflies

1 Tbs (3 tsp) per gallon of water. Ortho® Dial 'N Spray® setting is 1 Tbs.

Cucumber Beetles & Squash Vine Borers

4 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 4 tsp.

HOW TO APPLY

- Use an Ortho® Dial 'N Spray® or tank sprayer.
- Spray thoroughly covering both upper and lower leaf surfaces and other infested plant parts.

VEGETABLES & MELONS (continued)

WHEN TO APPLY

- Application equipment limited to hand-pump (tank) sprayers, hose-end sprayers, and sprinkler cans.
- Do not apply more than two applications per year.‡
- Wait 10 days between each application

‡except for eggplant and okra – do not apply this product more than 4 times per year on these vegetables.

WHEN TO HARVEST

Potatoes

May be applied up to day of harvest.

Beans†, Cantaloupe*, Cucumbers*, Melons*, Okra, Squash* & Tomatoes

Do not apply within 1 day of harvest.

Broccoli, Eggplant, Garlic, Leeks, Onions, Peas, Peppers, Pumpkin*, Shallots & Sweet Potatoes

Do not apply within 3 days of harvest.

Beets**, Brussels Sprouts, Cabbage, Cauliflower, Celery, Collards, Endive, Kale, Mustard Greens, Radish, Rutabagas, Spinach, & Turnips

Do not apply within 7 days of harvest.

Head Lettuce, Leaf Lettuce & Swiss Chard

Do not apply within 14 days of harvest.

† DO NOT USE ON BEAN CROPS USED FOR FORAGE OR HAY.

* DO NOT APPLY UNLESS LEAVES ARE DRY.

** DO NOT USE ON SUGAR BEETS.

NUISANCE INSECTS – Outdoors Only

TO KILL THESE INSECTS	Clover Mites, Ants (<u>except Fire, Pharaoh, Carpenter and Harvester Ants</u>), Crickets, Earwigs, Roaches, Spiders, and Adult Mosquitoes.	
IN THESE AREAS	Exterior House Foundation; Patios and Garbage Cans; under Porches and Shrubbery; Along Fences; Firewood Piles; and Ornamental Vegetation	
USE THIS AMOUNT	INSECT	AMOUNT
	Clover Mites	2 tsp per gallon of water. Ortho® Dial 'N Spray® setting is 2 tsp.
	Ants, Crickets, Earwigs, Roaches & Spiders	8 Tbs (4 fl oz) per gallon of water. Ortho® Dial 'N Spray® setting is 4 oz.
	Adult Mosquito Control	9 Tbs per gallon of water. (use tank sprayer only)
HOW TO APPLY	<ul style="list-style-type: none"> • Use an Ortho® Dial 'N Spray® or tank sprayer. • Apply as a coarse spray to the lower outside foundation of house, patios and garbage cans; under porches and shrubbery; along fences; to firewood piles; and ornamental vegetation where mosquitoes may rest. • Specific directions for Clover Mite: Spray a 2-ft wide strip along side of house. • DO NOT USE INSIDE THE HOME. • DO NOT USE ON ANIMALS. 	
WHEN TO APPLY	<ul style="list-style-type: none"> • Apply a coarse spray in a two-foot wide or less band from the base of a man-made structure and up to two feet on wall surfaces. • Do not apply more than 4 applications per year. • The minimum retreatment interval is 7 days. 	

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray. Do not contaminate with other pesticides or fertilizers. This product should never be heated above 55°C (131°F), and should not be stored for long periods of time at a temperature in excess of 25°C (77°F).

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER DISPOSAL: If empty: Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear protective eye wear (goggles, safety glasses, or face shield), long-sleeved shirt, long pants, shoes, and socks. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID

If swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-465-5161 for emergency medical treatment information.

Note to Physicians: May pose an aspiration pneumonia hazard. Contains petroleum distillate. Emergency Information: Call 1-877-465-5161. Contains petroleum distillate. May pose an aspiration pneumonia hazard. Malathion is a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition develop, atropine sulfate is antidotal; 2-PAM (PROTOPAM) may also be given in conjunction with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call 1-800-225-2883.

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

NOTICE: To the extent consistent with applicable law, buyer assumes all risks of use, storage, or handling of this product not in accordance with directions.

The ORTHO® Guarantee: If for any reason you, the consumer, are not satisfied with this product, mail us your original proof of purchase to obtain a full refund of your purchase price.

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Questions, Comments or Medical Information
call 1-800-225-2883 www.ortho.com

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