

TOTAL PEST CONTROL OUTDOOR FORMULA

USE ON LISTED:

LAWNS

VEGETABLES

FRUITS & NUTS

FLOWERS & TREES

**PESTS ON OUTSIDE
SURFACES OF
BUILDING AND
OUTDOOR AREAS**

TO CONTROL LISTED:

ANTS, JAPANESE BEETLES

GRUBS, MOLE CRICKETS...

**POTATO FLEA BEETLES,
CUTWORMS, ARMYWORMS,
JAPANESE BEETLE...**

**PLUM CURCULIO, PEAR
PSYLLA, PEACH TWIG
BORER...**

**APHIDS, ELM LEAF
BEETLE, SCALES, SPIDER
MITES, MEALYBUGS,
THRIPS, WHITEFLIES...**

**HOUSEFLIES, MOSQUITOES,
CLUSTER FLIES, GNATS,
FLYING MOTHS, ANTS,
DEER AND LONE STAR
TICKS, CRICKETS, FLEAS,
CICADAS (LOCUST),
EARWIGS, WASP, HORNETS,
YELLOW JACKETS, BEES
AND FIRE ANTS.**

CONTACT AND RESIDUAL SPRAY

Store and transport in an upright position.
EPA Est. No. 4-NY-1 EPA Reg. No. 4-349
Buyers Guarantee Limited to Label Claims.

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For use on home lawns, flower and vegetable gardens, fruit, nut and ornamental trees. Not for use on plants being grown for sale or other commercial use or for commercial seed production or for research purposes.

DIRECTIONS FOR USE ON VEGETABLES

For backyard vegetable gardens only.

Prepare spray mix as directed. Use 1 qt. of finished spray per 110 square feet (or 1 gal./440 sq. ft.) of surface area.

HOW TO MIX AND APPLY

Step #1: Determine size of spraying job. For lawns and vegetables, measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear. Repeat applications as needed or as noted in the rate chart.

Step #2: Use clean sprayer. Carefully measure and mix the amount of product and water as suggested in the rate chart. Do not use kitchen utensils for measurements.

Step #3: Spray as directed below. Thorough coverage is important. Flush sprayer with clean water after each use.

1 fl. oz. = 6 tsp. or 2 Tbs.

8 fl. oz. = $\frac{1}{2}$ pt. or 1 cup

1 fl. oz. in 3 gallons of water = 2 teaspoons in 1 gallon of water or 8 fl. oz. in 24 gallons.

VEGETABLES

ASPARAGUS (pre-harvest)

to control: cutworm and asparagus beetle. Use at a rate of 1 tsp. / 5 qts. of water. Apply for uniform coverage as needed. Do not apply more than 4 applications per crop. Can be applied up to 3 days prior to harvest.

ASPARAGUS (post-harvest)

to control: Larval stages of Asparagus Beetle, Tarnished Plant Bug, Lygus Bugs, and Adult Japanese Beetle. Use at a rate of 1 tsp. / 5 qts. of water. Treat ferns or bush growth after spear harvest when insects are present.

CELERY

to control: Vegetable Leafminer, Cabbage Looper, Black and Granulate Cutworm, Fall, Beet and Southern Armyworm. Use at a rate of 1 ½ tsp. / 4 qts. of water. Apply every 3-5 days or as needed. Can be applied up to 3 days prior to harvest. Do not make more than 10 applications per season.

COLE CROPS: BROCCOLI, BRUSSELS SPROUTS, CABBAGE AND CAULIFLOWER

to control: Beet Armyworm, Diamond Back Moth, Imported Cabbageworm, Cabbage aphid, Cabbage Looper. Use at a rate of 1 tsp. / 5 qts. of water. Apply every 5 days or as needed. Can be applied up to 1 day prior to harvest. Do not make more than 8 applications on Cauliflower, Brussels Sprouts, and Broccoli and 10 applications to Cabbage.

EGGPLANT

to control: Colorado Potato Beetle, Vegetable Leafminer. Use at a rate of 1 ½ tsp. / 4 qts. of water. Apply for uniform coverage as needed. Do not exceed 16 applications. Can be applied up to 3 days prior to harvest.

VEGETABLES Cont.

HORSERADISH (Foliar application)

to control: Imported Crucifer Weevil. Use at a rate of 1 ½ tsp. / 4 qts. of water. Apply as needed. Do not exceed 3 foliar applications. Can be applied up to 22 days prior to harvest.

HEAD LETTUCE ONLY (Do not use on Leaf Lettuce)

to control: Cabbage Looper, Alfalfa Looper, Beet Armyworm, Corn Earworm and Tobacco Budworm. Use at a rate of 1½ tsp. / 4 qts. of water. Apply every 5-10 days as needed. Do not make more than 10 applications per season. Can be applied up to 1 day prior to harvest.

POTATOES

to control: Beet Armyworm, Colorado Potato Beetle, Potato Leafhopper, Potato Flea Beetle, Aster Leafhopper, Potato Aphid, Potato Tuberworm, Cabbage Looper, Cutworms, European Corn Borer, Potato Psyllid, Tarnished Plant Bug. Use at a rate of 1 ½ tsp. / 4 qts. of water. Apply as needed. Do not apply more than 12 applications. Can be applied up to 7 days prior to harvest.

PEPPERS

to control: Vegetable Leafminer, Cabbage Looper, Flea Beetle, Corn Earworm, Pepper Weevil, European Corn Borer. Use at a rate of 1 ½ tsp. / 4 qts. of water. Apply as needed, but not more than 8 sprays per season. Can be applied up to 3 days prior to harvest.

SPINACH

to control: Beet Armyworm, Corn Earworm, Cabbage Looper, Cutworms, European Corn Borer, Green Cloverworm and Leafhoppers. Use at a rate of 1 tsp. / 5 qts. of water. Apply for uniform coverage when needed but not more than 7 applications per season. Can be applied up to 7 days prior to harvest.

VEGETABLES Cont.

SWEET CORN

to control: Corn Earworm, European Corn Borer, Fall Armyworm, Southern Armyworm. Use at a rate of 1 ½ tsp. / 4 qts. of water. Apply every 5 days and when needed but not more than 6 applications per season. Can be applied up to 1 day prior to harvest.

TREES (FRUIT OR NUT)

ALMONDS

to control: Navel Orange Worm, Peach Tree Borer. Use at a rate of 2 ¾ tsp. / 5 qts. of water. Apply when insects appear. Do not make more than 2 applications during hull split and 5 applications per season. Can be applied up to 7 days prior to harvest.

APPLES

to control: Plum Curculio, Redbanded Leafroller, Rosy Apple Aphid, Spotted Tentiform Leafminer, Tarnished Plant Bug, White Apple Leafhopper, Oblique-banded Leafroller and Green Fruitworm. Use at a rate of 2 ¾ tsp. / 5 qts. of water. Apply when insects appear. Repeat as required to maintain control. Do not make more than 3 applications per season. Do not apply after petal fall.

PEACHES

to control: Lesser Peachtree Borer, Peach Twig Borer, Plum Curculio, Tarnished Plant Bug, Green Fruitworm and Oriental Fruit Moth. Use at a rate of 2 ¾ tsp. / 5 qts. of water. Apply when insects appear. Do not apply within 7 days of harvest. Do not make more than 8 applications per season.

TREES (FRUIT OR NUT)

PEARS (dormant through delayed dormant)

to control: Pear Psylla. Use at a rate of 2 $\frac{3}{4}$ tsp. / 5 qts. of water. Apply during the dormant through delayed dormant growth period only. Add if desired 8 oz. of Bonide All Season's Oil to each gallon of TOTAL Pest Control (outdoor formula) end use spray. Do not make more than 2 applications per season.

PEARS (summer)

to control: Pear Psylla, Green Fruitworm, and Codling Moth. Use at a rate of 2 $\frac{3}{4}$ tsp. / 5 qts. of water. Apply when needed. Do not apply more than 3 applications per season. Can be applied up to 14 days prior to harvest.

FOR ORNAMENTAL TREES GROWN AROUND THE HOME

Use sufficient spray to obtain full coverage of all foliage. Avoid heavy wetting. Use to control: Boxelder Bug, Clearwing Moth borer, Ash borer, Banded ash clearwing borer, Dogwood Borer, Lesser peachtree borer, Lilac borer, Oak borer, Peachtree borer, Rhododendron borer, Cleopteran borer, Bronze birch borer, Flatheaded appletree borer, Pine Moths, Pine Needle Miners, Pine Beetles and Needle Scales on Pine, Budworms on Conifers, Oakworms on oak, Fall Webworms on cherry, elm and honeysuckle, Aphids on tulip poplar, Citrus Black Flies on non-bearing citrus, Tussock moths on Douglas and grand firs, Leafminers on birch, Elm Leaf Beetle and Elm Spanworms on elms. Mix 2 $\frac{3}{4}$ tsp. per 5 qts. of water.

TO KILL TENT CATERPILLARS

Application should be made when caterpillars are young and tents are first noticed. For results, apply in the late afternoon or evening, when caterpillars have returned to their tents. Mix 2 fl. oz. of this product in one gallon of water.

TO KILL TENT CATERPILLARS Cont.

Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent, however, they should die within several hours.

FOR USE ON HOME LAWNS

For control of ants (including fire ants), armyworms, chinch bugs, crickets, cutworms, Japanese beetle grubs, grasshoppers, mole crickets and sod webworms, consult the following chart:

PESTS	DILUTION
armyworms, cutworms, chinch bugs, Japanese beetle grubs, mole crickets, sod webworm	5 tsp. / 10 gal. water / 1000 sq. ft.
crickets, grasshoppers, ants (including fire ants)	2 tsp. / 3 gal. water / 1000 sq. ft.

Lawn should be no taller than 3 inches at time of application. Slightly more water may be used as long as the amount of product per area is as listed above. For heavy infestations, repeat application after two weeks. Also for control of cutworms on dichondra and Irish moss. Use as directed above for lawns. Keep children and pets off treated areas until lawn has dried following the application.

FOR USE ON ORNAMENTAL PLANTS OUTDOORS

Contact and Residual Spray - Use sufficient spray to obtain full coverage of all foliage. Adjust spray volume used to plant size.

To use, mix 1 teaspoon of this product with one gallon of water.

Spray in the late afternoon or evening, when the temperature ranges from 50° to 75°F and when there is little or no wind. Spray at the first indication of insect pests. On those plants that will flower during the season,

FOR USE ON ORNAMENTAL PLANTS OUTDOORS Cont.

the spray schedule should be completed before blossom formation. Repeat as necessary, use intervals of 4 to 8 days. Application can be made up to the day of collection.

Spray as directed above to control aphids, cicadas (locust), corn earworms, fall cankerworms, inchworms, leafminers, leafrollers, locust, mealybugs, bagworms, spider mites, exposed thrips and whiteflies on the following plants: Ageratum, Arizona Cypress, Aster, Azalea, Begonia, Coleus, Common Ninebark, Common Snowberry, Elm, Exacum, Euonymous, English Ivy, Gladiolus, Gold bells, hypoestes, Ivy, Lilac, Marigold, Mock Orange, Nannyberry, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Poinsettia, Rhododendron, Rose, Snapdragon, Taxus, Wax plants, Weeping Fig, Zinnia.

OUTDOOR PEST CONTROL

Pests on Outside Surfaces of Buildings; Use this product to control ants, clover mites, crickets, earwigs, millipedes and sowbugs (pillbugs) on the outside surfaces of buildings. To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet where pests are and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps, and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

HOUSE FLIES, MOSQUITOES, CLUSTER FLIES, GNATS, FLYING MOTHS OUTDOORS: For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room.

OUTDOOR PEST CONTROL Cont.

Also treat surfaces around light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

ANTS, DEER AND LONE STAR TICKS, CRICKETS, FLEAS, CICADAS (LOCUST), AND EARWIGS

OUTDOORS: For treatment of localized infestations of these insects in outdoor areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as infestations warrant and as reinfestations occur.

WASPS, HORNETS, YELLOW JACKETS, BEES
OUTDOORS:

Application should be made in late evening when insects are at rest. Aim spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible.

For contact and residual spray, mix with water in the following manner:

Finished spray	Total Pest Control (Fluid Ounces)	Water
0.25%	2 2/3 (5 1/3 Tbs.)	1 gallon
0.25%	2/3 (4 tsps.)	1 quart
0.50%	5 1/2 (10 2/3 Tbs.)	1 gallon
0.50%	1 1/3 (8 tsps.)	1 quart

For heavy infestations, use the 0.50% dilution. For lighter infestations and for maintenance purposes, use the 0.25% dilution. One gallon of finished spray is sufficient to treat 1580 linear feet with a 6 inch spray band.

TO CONTROL FIRE ANTS: Dilute 2 tablespoons of this product in 1 gallon of water. Apply 1 gallon of solution as a gentle rain to each fire ant mound using sprinkler can. Thoroughly wet the mound and surrounding area to a 4 foot diameter. For best results, apply in cool weather, 65° - 80°F, or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity and treat all colonies which may not as yet have constructed a mound. Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon per mound is still required. Do not use equipment that produces a pressurized spray as pressurized sprays may disturb fire ants and cause migration, reducing product effectiveness.

STORAGE AND DISPOSAL

STORAGE: Do not store at temperatures below 40°F (4.5°C). Store product in original container in a locked storage area, inaccessible to children and pets. Store and transport in upright position.

DISPOSAL: *If empty* - Do not reuse this container. Do not rinse unless required for recycling. Place in trash. *If partially filled* - Call your local solid waste agency for disposal instructions. Unless otherwise instructed, place in trash. Never pour unused product down the drain or on the ground.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If in Eyes:	<ul style="list-style-type: none">•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:	<ul style="list-style-type: none">•Move person to fresh air.•If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.•Call a poison control center or doctor for further treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none">•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 Swallowed:	<ul style="list-style-type: none">•Call poison control center or doctor immediately for treatment advice.•Have person sip a glass of water if able to swallow.•Do not induce vomiting unless told to do so by the poison control center or doctor.•Do not give anything by mouth to an unconscious person.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING - Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Remove contaminated clothing and wash clothing before reuse. Wear goggles, face shield or safety glasses when handling the undiluted material. Avoid contact with skin or clothing. Harmful if absorbed through skin or swallowed. Avoid breathing vapor. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not contaminate water by disposal of equipment washwaters. Do not apply directly to water. Apply this product only as specified on this label.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Flashpoint minimum of 105°F (49°C).

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Buyer assumes all risks for use of this product when not used according to label directions or established safe practice.