

4-382

10/29/2002

47

Revision dated March 29, 2002  
BontoxMulti4382

# Bonide Bontox Multi-Purpose Insecticide Concentrate

Water dilutable concentrate to control outdoor house and garden pests around residential structures

[indicates optional text]

Makes up to 96 gallons [of spray] (quart) [appropriate amount for other sizes, 8oz/pt/1/2g]

Covers up to 16,000 sq.ft. of lawn (quart)

[Outdoor Use Only]

Contains Esfenvalerate, a Synthetic Pyrethroid

Multi-Purpose Insect Killer

Use On....[Lawns], [Trees], [Shrubs], [Flowers], [Vegetables]

(for product packaged in Hose-End Spray) [Ready-To-Spray]

Low Odor

Controls [Kills over] [more than] 100 insects [bugs] [pests]

Controls [Kills over] [more than] 100 insects [bugs] [pests] on vegetables, fruits, flowers, lawns, and shrubs.

Can be used on listed fruits and vegetables

Use in [on] Vegetable Gardens

### Active Ingredient:

Esfenvalerate (CAS# 66230-04-4) ..... 0.425%

\*Other Ingredients.....99.575%

\*Contains petroleum distillate

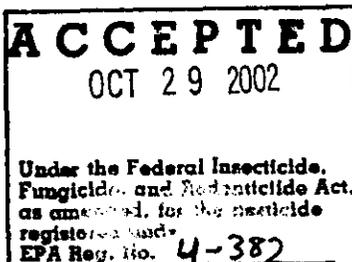
### KEEP OUT OF REACH OF CHILDREN WARNING

See back panel for additional precautionary statements

Net Contents \_\_\_\_\_

EPA Reg. No. 4-382

EPA Est. No. 4-NY-1



**DIRECTIONS FOR USE**

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

**SHAKE WELL BEFORE USING**

**FOR GARDEN VEGETABLE PESTS:** Mix Bonide Bontox Multi-Purpose Insecticide Concentrate in a hand-held compressed air sprayer at the rate of 1 ounce per gallon of water. (Note: 1 Fluid Ounce = 2 Tablespoons = 6 Teaspoons) Apply as a full coverage spray to upper and lower leaf surfaces. Apply to the point of drip but not to runoff. As pests are observed, repeat treatment to maintain control up to the number of days listed before the harvest for each crop.

<b>FOR USE ON THE FOLLOWING VEGETABLES</b>			
<b>Crop</b>	<b>Days to Harvest</b>	<b>Crop</b>	<b>Days to Harvest</b>
Artichoke	7	Green Peas	3
Broccoli	3	Melons	3
Cabbage	3	Peppers	7
Carrots	7	Potatoes	7
Cauliflower	3	Pumpkin	3
Collards	7	Radishes	7
Cucumbers	3	Snap Beans	3
Dry Beans	21	Squash	3
Dry Peas	21	Sweet Corn	1
Eggplant	7	Tomatoes	1

**TO CONTROL THE FOLLOWING INSECTS:** Alfalfa Caterpillar, Alfalfa Looper, Aphid, Armyworm, Artichoke Plume Moth, Beet Armyworm, Buckhorn Aphid, Cabbage Looper, Carrot Weevil, Celery Looper, Chinch Bug, Colorado Potato Beetle, Corn Earworm, Corn Rootworm (adults), Cowpea Curculio, Cucumber Beetle (adults) – spotted and striped, Cutworm, Diamondback Moth, European Corn Borer, Flea Beetle, Grasshopper, Green Cloverworm, Imported Cabbageworm, Leafhopper, Looper, Lygus Bug, Mexican Bean Beetle, Painted Lady Caterpillar, Pea Aphid, Pea Weevil, Pepper Weevil, Pickleworm, Potato Leafhopper, Potato Psyllid, Potato Tuberworm, Rindworm, Saltmarsh Caterpillar, Sap Beetle, Southwestern Corn Borer, Squash Bug, Squash Vine Borer, Stalk Borer, Stink Bug, Tarnished Plant Bug, Tobacco Hornworm, Tomato Fruitworm, Tomato Hornworm, Tomato Pinworm, Vegetable Leafminer, Velvetbean Caterpillar, Western Bean Cutworm, Whitefly, Japanese Beetle, Spittlebugs, Redheaded Pine Sawfly, Balsam Woolly Adelgid, Pine Chafer, Red Pine Sawfly, Pine Coreid Bug, European Pine Sawfly, Northern Pine Weevil.

## **FOR GARDEN TREE FRUITS, NUTS, AND BERRIES:**

**Mix** Bonide Bontox Multi-Purpose Insecticide Concentrate in a hand-held compressed air sprayer at the rate of 1 ounce per gallon of water.

(Note: 1 Fluid Ounce = 2 Tablespoons = 6 Teaspoons)

Apply as a full coverage spray to upper and lower leaf surfaces. Apply to the point of drip but not to runoff. As pests are observed, repeat treatment to maintain control up to the number of days listed before the harvest for each crop.

<b>FOR USE ON THE FOLLOWING TREE FRUITS, NUTS &amp; BERRIES</b>			
<b>Crop</b>	<b>Days to Harvest</b>	<b>Crop</b>	<b>Days to Harvest</b>
Apple	21	Pecans	21
Almond	21	Pears	28
Caneberries		Stone Fruits	
Blackberries	21	Apricot	14
Loganberries	21	Cherries	14
Red Raspberries	21	Nectarines	14
Black Raspberries	21	Peaches	14
Elderberries	21	Plums	14
Gooseberries	21	Prunes	14
Filberts	21	Walnuts	21

**TO CONTROL THE FOLLOWING INSECTS:** Apple Aphid, Black Cherry Aphid, Codling Moth, Leafrollers, Leafhoppers, Green Fruit Worm, Plant Bugs, Oblique Banded Leafroller, Variegated Leafroller, Tentiform Leaf Miner, San Jose Scale (on fruit only), Tufted Apple Budmoth, Plum Curculio, Oriental Fruit Moth, Apple Maggot, Red-Banded Leafroller, Lesser Appleworm, Rosey Apple Aphid, Periodical Cicada, Pear Psylla, Pear Slug, Naval Orangeworm, Peach Twig Borer, Filbert Worm, Peach Tree Borer, Lesser Peach Tree Borer, Cherry Fruit Fly, Western Cherry Fruit Fly, American Plum Borer, Pecan Weevil, Plant Bugs (Tarnished Plant Bug, Stink Bugs) Hickory Shuckworm, Pecan Nut Casebearer, Pecan Aphids, Pecan Spittlebug, Pecan Stem Phylloxera, Pecan Leaf Phylloxera, Walnut Aphid, Walnut Husk Fly.

## **FOR USE ON ORNAMENTAL PLANTS (Annuals and**

**Perennials), SHRUBS & ROSES:** **Mix** Bonide Bontox Multi-Purpose Insecticide Concentrate in a tank type or hose end sprayer at the rate of 1 fluid ounce per gallon of water. Apply to cover upper and lower leaf surfaces. Apply to runoff. Repeat as needed to maintain control or weekly.

(including, but not limited to)

### **(Flowers)**

Ageratum, Allium, Artemisia, Aster, Astilbe, Baby's Breath, Balloon Flower, Bee Balm, Begonia, Bittersweet, Black-eyed Susan, Bleeding Heart, calla Lily, Candytuft, Canna Lily, Caster Ben, Catmint, Chrysanthemum, Cockscomb, Colchicum, Coleus, Columbin, Coneflower, Coral Bells, Coreopsis, Cosmos, Crocus, Daffodil, Dahlia, Daisy, Daylily, Delphinium, Dusty Miller, Foxglove, Fritillaria, Geranium, Gladiola, Globe Amaranth, Hollyhock, Hosta, Hyacinth, Impatiens,

Iris, Larkspur, Lenien Rose, Lily, Marigold, Nicotiana, Pansy, Paper Whites, Peony, Petunias, Phlox, Pink Dianthus, Poppy, Primrose, Salvia, Santolina, Sedum, Shasta Daisy, Snapdragon, Snow Drops, Straw Flower, Sunflowers, Sweet Alyssum, Tulip, Violet, Yarrow, Zinnia.

**(Shrubs)**

Andromeda, Aralia, Azalea, Barberry, Bog Rosemary, Boxwood, Butterfly Bush, Camellia, Cotoneaster, Crape Myrtle, Daphne, Euonymus, Firethorn, Flowering Almond, Forsythia, Heather, Hibiscus, Holly, Honeysuckle, Hydrangea, Juniper, Laurel, Lilac, Mahonia, Mock Orange, Mugo Pine, Nandina, Privet, Rhododendron, Shadblow Serviceberry, Spirea, St. John's Wort, Virurnum, Weigela, Willow, Witch Hazel, Yew.

**(Evergreens)**

Acacia, Arborvitea, Bald Cypress, Cedar, Crabapple, Cypress, Dogwood, Fir, Hemlock, Magnolia, Pear (ornamental), Pine, Spruce, Tulip.

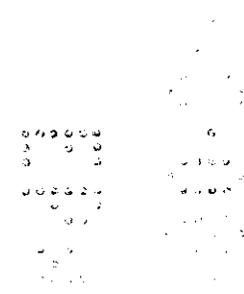
**(Shade Trees)**

Ash, Beech, Birch, Chestnut, Elm, Hackberry, Hawthorn, Hickory, Larch, Linden, Locust, Maple, Mulberry, Oak, Poplar, Red Bud, Sassafras, Sourwood, Sweet Gum, Sycamore, Walnut, Willow.

**(Ornamentals)**

Ajuga, Boston Ivy, Clematis, English Ivy, Fern, Honeysuckle, Lamb's Ear, Lily of the Valley, Pachysandra, Sedum, Spotted Deadnettle, Sweet Woodruff, Trumpet Creeper, Vinca, Wisteria

**TO CONTROL THE FOLLOWING INSECTS:** Alfalfa Caterpillar, Alfalfa Looper, Aphid, Armyworm, Artichoke Plume Moth, Beet Armyworm, Buckhorn Aphid, Cabbage Looper, Carrot Weevil, Celery Looper, Chinch Bug, Colorado Potato Beetle, Corn Earworm, Corn Rootworm (adults), Cowpea Curculio, Cucumber Beetle (adults) spotted and striped, Cutworm, Diamondback Moth, European Corn Borer, Flea Beetle, Grasshopper, Green Cloverworm, Imported Cabbageworm, Leafhopper, Looper, Lygus Bug, Mexican Bean Beetle, Painted Lady Caterpillar, Pea Aphid, Pea Weevil, Pepper Weevil, Pickleworm, Potato Leafhopper, Potato Psyllid, Potato Tuberworm, Rindworm, Saltmarsh Caterpillar, Sap Beetle, Southwestern Corn Borer, Squash Bug, Squash Vine Borer, Stalk Borer, Stink Bug, Tarnished Plant Bug, Tobacco Hornworm, Tomato Fruitworm, Tomato Hornworm, Tomato Pinworm, Vegetable Leafminer, Velvetbean Caterpillar, Western Bean Cutworm, Whitefly, Japanese Beetle, Spittlebugs, Redheaded Pine Sawfly, Balsam Woolly Adelgid, Pine Chafer, Red Pine Sawfly, Pine Coreid Bug, European Pine Sawfly, Northern Pine Weevil.



## LAWN FLEA AND TICK CONTROL

To kill fleas and ticks harboring in lawns and backyards, use this concentrate in a hose-end sprayer. Place required amount of concentrate in sprayer jar (see chart below) and fill with water to the recommended level. Mix well. Attach to sprayer and spray as recommended.

*[when packaged in Hose-End sprayer]*

### **HOSE END SPRAYER: Easy to Use**

*Make sure knob control lever is in the OFF position. Shake well and attach to hose. Turn water on at faucet, aim nozzle toward lawn and turn knob control lever to ON to begin spraying. When finished turn Control lever to OFF position. Turn faucet to OFF position. Discharge residual water pressure by turning ON and OFF again. Store out of reach of children.*

For best results, lawn should be mowed a day or two before spraying.

Spray using a slow, even sweeping motion, being sure to cover the entire lawn surface. Spray under ornamentals and trees, but avoid soaking young or flowering plants. Repeat treatments may be necessary at 7 to 14 day intervals. Kills on contact with Ixodes dammini tick (deer tick), which may transmit Lyme disease. Also kills foraging fire ants upon direct contact. A registered fire ant mound treatment should also be used in conjunction with this product.

Keep pets and children out of treated areas until after the spray has dried. Do not spray animals. Dogs, cats, their kennel or bedding area should also be treated with a registered flea and tick control product in conjunction with application.

### HOSE-END SPRAY APPLICATION

Amount of Product to Use Fluid Ounces	Amount of Water To Use	Area to be Treated
1 fluid ounce	3 gallons	500 sq.ft. (50'x10')
2 fluid ounces	6 gallons	1,000 sq.ft. (50'x20')
4 fluid ounces	12 gallons	2,000 sq.ft. (50'x40')

**FOR OUTDOOR PFSTS:** Mix Bonide Bontox Multi-Purpose Insecticide Concentrate in a tank type or hose end sprayer or watering can at the rate of 2 fluid ounces per gallon of water to control on contact ants, clover mites, centipedes, cockroaches (including German and Asian cockroaches), crickets, earwigs, millipedes, palmetto bugs, pillbugs, scorpions, silverfish, sowbugs, spiders, and ticks. Use at the rate of 1 gallon (diluted spray) per 1,000 square feet to outside surfaces of building, porches, patios, garages and other areas where these pests have been seen or are found. Do not spray in or near fish ponds or other bodies of water. Do not allow spray to contact ornamental plants or shrubs because of possible injury.

**BUILDING PERIMETER TREATMENT:** To help prevent infestations of buildings by ants, centipedes, crickets, earwigs, fleas, millipedes, palmetto bugs, pillbugs, scorpions, silverfish, sowbugs, spiders, and ticks. treat a 12- 18 inch band of soil or other substrate adjacent to building and the building foundation to a height of 2 to 3 feet where these pests area active and may find entrance. Use 16 fluid ounces of concentrate per gallon of water and apply as a coarse wet spray at the rate of 1 gallon per 1,000 square feet.

**KENNEL TREATMENT:** To prevent infestations in kennels by fleas and ticks, treat all surfaces of floors and walls to a height of two (2) to three (3) feet where these pests are active. Use sixteen (16) fluid ounces of concentrate per gallon of water and apply as a coarse wet spray at the rate of one gallon per 1,000 square feet. Repeat treatment at 15 to 30 day intervals.

**FORAGING ANTS, FORAGING FIRE ANTS AND FORAGING CARPENTER ANTS:** To kill foraging Ants, Fire Ants or Carpenter Ants outdoors, spray insects directly with a hose-end sprayer, compressed air sprayer or by water can. A registered Fire Ant mound treatment, (such as Bonide Eight Vegetable, Fruit and Flower) should also be used in conjunction with this product. Repeat treatment at 7 to 14 day intervals.

**STORAGE AND DISPOSAL**

**Storage:** Store in a cool dry area inaccessible to children or pets. Store and transport in upright position.

**Disposal: If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or [1-800-CLEANUP or [www.cleanup.org](http://www.cleanup.org) ] for disposal instructions. Never place unused product down any indoor or outdoor drain.

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

Causes skin irritation and moderate eye irritation. Do not get on skin, eyes or clothing. Harmful if inhaled or absorbed through the skin. Avoid breathing vapor or spray mist. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid contamination of food and feedstuffs.

**Environmental Hazards**

This pesticide is highly toxic to fish. Do not apply directly to water. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

**Physical Or Chemical Hazards**

Do not use or store near heat or open flame.

**FIRST AID**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the International Poison Center at 1-888-740-8712 for emergency medical treatment information.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. 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.

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

**NOTE TO PHYSICIAN**

Contains petroleum distillate vomiting may cause aspiration pneumonia.

(back panel of booklet label)

Trusted since 1926

BONIDE PRODUCTS, INC.

Complete directions for use have been removed!

**KEEP OUT OF REACH OF CHILDREN**

Dispose of properly

Buyers Guarantee limited to label claims

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

Questions, Concerns or Comments?

Write to

BONIDE PRODUCTS, INC.

Consumer Services

6301 Sutliff Road

Oriskany, NY 13424

[or visit our website at [www.bonide.com](http://www.bonide.com)]

1-800-858-7378  
www.bonide.com