



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 6, 2022

Rebecca Horton
Consultant for Bonide Products, LLC
6301 Sutliff Road
Oriskany, NY 13424

Subject: Registration Review Label Mitigation for Esfenvalerate
Product Name: BONIDE BONTOX MULTI-PURPOSE INSECTICIDE
CONCENTRATE
EPA Registration Number: 4-382
Application Date: December 17, 2020
Decision Number: 568935

Dear Ms. Horton:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Esfenvalerate Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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If you have any questions about this letter, please contact Marisa Wright by phone at 202-566-2335, or via email at wright.marisa@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a long horizontal flourish extending to the right.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure



Bontox Multi-Purpose Insecticide Concentrate

[Additional Brand Name: Bonide House Guard Ready-to-Spray]

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

Starts working immediately

Fast acting/quick killing spray

Kills and repels bugs [in your backyard] [in your yard] [around your home]

Kills [nuisance] pests outdoors before they come inside

Stops [kills] bugs [pests] outdoors – before they come inside

Effective Home [Yard] Barrier Treatment

Results guaranteed

Convenient, ready-to-use hose-end sprayer bottle

Creates a barrier around your home [yard] [foundation]

Helps protect your house [home] from invading insects [bugs] [pests] [ants]

Ready-to-Spray, No mixing, no measuring, no messy cleanup

Keeps annoying insects away

Do-It-Yourself pest control

Satisfaction Guaranteed or your money back

Just Connect to your [garden] hose and spray

For use around foundations, outside buildings, porches, wood piles, wooden fences, decks, garages, car ports, patios

Perimeter & Foundation Insect Control

House Guard

Kills Home Invading Pests

Active Ingredient:

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

*Other Ingredients.....99.575%

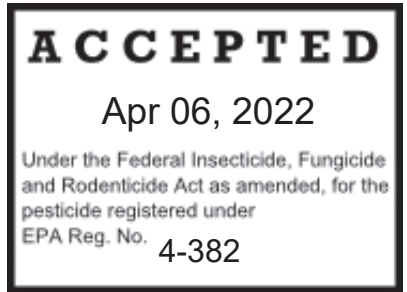
*Contains petroleum distillate

KEEP OUT OF REACH OF CHILDREN

WARNING

See back panel for additional Precautionary Statements and First Aid

Net Contents _____



DIRECTIONS FOR USE

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

For both indoor kennel use and outdoor use.



Do not allow to enter indoor or outdoor drains.
No permita la entrada a desagües internos o externos.

Follow proper disposal procedures on this label
Siga las indicaciones del etiquetado para el desecho apropiado del producto.

{Note to EPA: Re use of graphic on the product package showing an image of a diagonal strikethrough over a drain. The pictogram must be legible (i.e. no smaller than 1.5 square centimeters or 0.25 square inches unless this size is greater than 10% of the size of the label)}

All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhand, awning, or other structure;
4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
6. Applications to vertical surfaces directly above pervious surfaces (such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft., or 4 ft. by 0.5 ft.). For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds. Do not spray the product into fish pools, ponds, streams or lakes. 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 impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. Do not apply or irrigate to the point of runoff. Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application. Do not apply when the wind speed is greater than 15 mph.

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.

FOR USE ON THE FOLLOWING VEGETABLES			
Crop	Days to Harvest	Crop	Days to Harvest
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.

FOR USE ON THE FOLLOWING TREE FRUITS, NUTS & BERRIES			
Crop	Days to Harvest	Crop	Days to Harvest
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, Fritilaria, Geranium, Gladiola, Globe Amaranth, Hollyhock, Hosta, Hyacinth, Impatiens, Iris, Larkspur, Lenten 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

EPA Reg. No. 4-382

EPA Est. No. 4-NY-1

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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. [This one quart (32 fl. oz.) container covers 16,000 sq. ft. (100' x 160')]

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 PESTS: 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, asian lady beetle, boxelder bug, clover mites, centipedes, cockroaches (including German and Asian cockroaches), crickets, earwigs, firebrats, millipedes, palmetto bugs, pillbugs, scorpions, silverfish, sowbugs, spiders, springtails, 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 allow spray to contact ornamental plants or shrubs because of possible injury. Treat surfaces to ensure thorough coverage but avoid runoff. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

[This one quart (32 fl. oz.) container covers 16,000 sq. ft. (100' x 160')]

BUILDING PERIMETER TREATMENT: To help prevent infestations of buildings by ants, asian lady beetle, boxelder bug, centipedes, crickets, earwigs, firebrats, fleas, millipedes, palmetto bugs, pillbugs, scorpions, silverfish, sowbugs, spiders, springtails, 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 are 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.

[This one quart (32 fl. oz.) container will treat a 3 foot wide area for a length of 667 feet (3' x 667').]

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

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

Pesticide Disposal: If partly filled: Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options.

Container Disposal: If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

**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. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. 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 to avoid run off to water bodies or drainage systems.

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 National Pesticide Information Center at 1-800-858-7378 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, LLC

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 Information Center at
1-800-858-7378

Questions, Concerns or Comments?

Write to

BONIDE PRODUCTS, LLC

Consumer Services

6301 Sutliff Road

Oriskany, NY 13424

[or visit our website at www.bonide.com]

[Batch code inserted at production]