



BUGITOL
CONCENTRATE
For Agriculture Use
KILLS AND REPELS INSECTS

FOR:

◆ Fruits ◆ Vegetables ◆ Nuts ◆ Berries ◆ Grains ◆ Flowers ◆ Shrubbery

TO KILL AND REPEL:

◆ Aphids ◆ Mites ◆ Thrips ◆ Armyworms ◆ Tomato Fruit Worms
◆ Leafhoppers ◆ Leafminers ◆ White Flies
◆ Grasshoppers and other listed insects.

Active Ingredients:

Capsaicin and related Capsaicinoids*	0.42%
Allyl Isothiocyanate**	3.70%
	95.88%

Inert Ingredients

*Oleoresin of Capsicum

**From Essential Oil of Mustard

One gallon of the product contains 8.0 lb.

KEEP OUT OF REACH OF CHILDREN

CAUTION:

SEE REAR PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FIRST AID

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

For emergency information on BUGITOL, usage, or first aid call 703 330-1572

PERSONAL PROTECTIVE CLOTHING:

Applicators and other handlers must wear long sleeve shirt and long pants, shoes plus socks.

NET CONTENTS: 55-GALLON DRUMS

MANUFACTURED FOR:

CHAMPON MILLENNIUM CHEMICALS, INC. Manassas, VA 20111

EPA REG. NO. 61966-4

EPA EST. NO. 74982-NY-001

BUGITOL CONCENTRATE

Uses extract of chili and essential oil of mustard to create a unique Pesticide/Repellent alternative. This dual action formula kills on contact and maintains a repelling action against most insects as indicated on the front label.

NOTICE

Distributor and Manufacturer disclaim all crop liability for product users (farmers, etc.) when product is used in a manner inconsistent with labeling

PRECAUTIONARY STATEMENTS

KEEP OUT OF REACH OF CHILDREN

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS

Use Bugitol Concentrate only in accordance with its labeling and with the Workers Protection Standard, 40 CFR part 70. This standard contains requirements for the protection of agriculture workers on farms, forests, nurseries, and greenhouses, and handlers of agriculture pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 72 hours. The REI is 72 hours in outdoor areas where average annual rainfall is less than 25 inches a year.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is:

- overalls over long-sleeved shirt and long pants.
- chemical-resistant gloves such as barrier laminate or viton.
- chemical-resistant footwear plus socks.
- protective eyewear.
- chemical-resistant headgear.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

GENERAL INFORMATION

BUGITOL uses a blend of extracts of chili and mustard and is an insect control and management on Turfgrass and ornamentals. It kills and repels Aphids, Mites, Thrips, Armyworms, Tomato Fruit Worms, Leafhoppers, Leafminers, White Flies, Grasshoppers, Caribbean Fruit Fly, and other listed insects below. To obtain maximum benefits, apply every 7 to 10 days when infestation begins. If infestation is present, apply 48oz. of **BUGITOL** per 100 gallons of water per acre. For heavy infestation, apply 96oz. of **BUGITOL** per 100 gallons per acre. Fruits and vegetables treated with **BUGITOL** may be thoroughly washed and consumed the same day of application. **BUGITOL** is exempt from tolerance. One gallon of the product contains 8.0Lb.

MIXING DIRECTIONS Dilute **BUGITOL** at a rate of 48oz. per 100 gallons of water per acre for normal infestation and 96oz. per 100 gallons of water per acre for heavy infestation. Mix thoroughly until a uniform consistency is obtained.

SITES AND PESTS CONTROLLED

Brassica Vegetables - (Broccoli, Brussels Sprouts, Cabbages, Chinese Broccoli, Chinese Mustard, Cauliflower, collards, Kale, Kohlrabi, and Mustard Greens): For killing and repelling Aphids, Beetles, Caterpillars, Cutworms, Loopers, Maggots, Weevils, Whiteflies, and Wireworms.

Bulb Vegetables - (Garlic, Leek, Onion, and Shallot): For killing and repelling Armyworms, Leafminers, Maggots, Thrips, and Wireworms.

Cereal Grains - (Barley, Buckwheat, Corn, Millet, Oats, Popcorn, Rye, Wheat, and Wild Rice): For killing and repelling Aphids, Armyworms, Beetles, Borers, Cutworms, Earworms, Grasshoppers, Maggots, Mites, Rootworms, White Grubs, and Wireworms.

Citrus - (Calamondin, Grapefruit, Kumquat, Lemon, Lime, Orange, Tangelos, and Tangerines): For killing and repelling Aphids, Cutworms, Leafrollers, Mites, Scale, Thrips, and Whiteflies.

Cotton - For killing and repelling Aphids, Armyworms, Bollworms, Boll Weevils, Cotton Leaf Perforator, Cutworms, Fleahoppers, Loopers, Lygus

Bugs Mites, Saltmarsh Caterpillar, Thrips, Webworms, and Whiteflies.

Cucurbit Crops - (Cucumber, Cantaloupe, Casa Melon, Gherkin, Gourd, Honeydew Melon, Mango Melon, Muskmelon, Pumpkin, Summer and Winter Squash, Watermelon and Winter Melon): For killing and repelling Aphids, Beetles, Leafhoppers, Leafminers, Loopers, Mites, Thrips, Whiteflies, and Wireworms.

Forage Crops - (Alfalfa, Clover, Grasses, Timothy, Lemon Grass and Vetch): For killing and repelling Aphids, Armyworms, Caterpillars, Chinch Bugs, Cutworms, Grasshoppers, Japanese Beetles, Leafhoppers, Lygus Bugs, Mites, Spittlebugs, Thrips, Weevils, and Webworms.

Fruiting Vegetables - (Bell Pepper, Chile Pepper, Cooking Pepper, Eggplant, Ground Cherry, Pepino, Pimento, Sweet Pepper, Tomatillo, and Tomato). For killing and repelling Aphids, Beetles, Cutworms, Fruit worms, Horn Worms,

Leafminers, Loopers, Mealybugs, Mites, Plant Bugs, Whiteflies, and Wireworms.

Kiwi - For killing and repelling Japanese Beetles.

Leafy Vegetables - (Celery, Cress, Endive, Fennel, Lettuce, Orach, Spinach, and Swiss Chard): For killing and repelling Aphids, Earworms, Grasshoppers, Leafhoppers, Leafminers, Loopers, Sowbugs, Webworms, Whiteflies, and Wireworms.

Legume Vegetables - (Beans including Phaseolus Spp., Lupinus Spp., and Vigna Spp., Broad Beans, Chick Peas, Guar, Jackbean, Lablab Beans, Lentils, Peas, and Soybeans): For killing and repelling Aphids, Beetles, Borers, Curculios, Cutworms, Earworms, Earworms, Leafhoppers, Leafrollers, Loopers, Lygus, Bugs, Maggots, Mites, Plant Bugs, Weevils, Whiteflies, and Wireworms.

Nut Trees - (Almond, Beech Nut, Brazil Nut, Butternut, Chestnut, Chinquapin, Filbert, Hickory Nut, Macadamia Nut, Pecan, Walnut): For killing and repelling Aphids, Beetles, Borers, Bud Moths, Carpenter Worms,

METHOD OF APPLICATION

HAND APPLICATION DIRECTIONS (One Gallon) To obtain maximum benefits apply every 7 to 10 days before infestation begins. If infestation is present, apply 1½ oz. of **BUGITOL** per gallon of water and spray every 4 to 5 days and increase to 3 oz. of **BUGITOL** per gallon of water if infestation is heavy. Fruits and vegetables treated with **BUGITOL** may be thoroughly washed and consumed the same day of application. Apply as a full coverage, making sure both sides of the leaves are covered. Apply during cool periods of the day. Apply as a preventative treatment prior to insect infestation. Make the first application at foliar emergence and repeat on a 10-14 day spray schedule to maintain the repelling effect.

GROUND MACHINE AND AERIAL APPLICATION

Apply by ground machine or aerial application at a rate of 48oz. of **BUGITOL** per 100 gallons of water per acre for normal infestation, and 96oz. of **BUGITOL** per 100 gallons of water per acre for heavy infestation. For normal infestations, this rate is equal to 48oz of **BUGITOL**, 0.20 oz. Capsaicin and related Capsaicinoids, and 1.77oz. Allyl Isothiocyanate per acre. For heavy infestations, this rate is equal to 96 oz of **BUGITOL**, 0.40oz. Capsaicin and related Capsaicinoids, and 3.55oz. of Allyl Isothiocyanate per acre.

Apply as a full coverage, making sure both sides of the leaves are covered. Apply during cool periods of the day. Apply as a preventative treatment prior to insect infestation. Make the first application at foliar emergence and repeat on a 10-14 day spray schedule to maintain the repelling effect.

COMPATIBILITY

BUGITOL is compatible with most surfactants and conventional pesticides. The most effective ambient temperature range for application is 60 to 85 degrees F.

USE RESTRICTIONS

-For killing and repelling certain important insect pests.

-Do not use material if it cannot be applied according to the use patterns on the label.

STORAGE AND DISPOSAL

DRUMS AND TANKS

STORAGE AND HANDLING: Store in a dry, cool, well-ventilated area. Post as a pesticide area. Persons moving, handling, or opening containers must wear the personal protective equipment. Open container only in a well ventilated area.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Rinse container thoroughly, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay away and out of smoke.

Casebearers, Catocalas, Curculios, Gall Wasps, Leafminers, Mites, Phylloxera, Plant Bugs, Saw Flies, Scale, Shuck Worms, Spittlebugs, Twig Girdlers, Walnut Caterpillars, Webworms, Weevils.

Peanuts - For killing and repelling Aphids, Armyworms, Earworms, Cutworms, Leafhoppers, Mites, Rootworms, and Thrips.

Pome Fruit Trees - (Apple, Crabapple, Mayhaws, Pears, Quince): For killing and repelling Aphids, AppleWorks, Case bearers, Codling Moths, Curculios, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealy Bugs, Mites, Plant Bugs, Psylla, Saw Flies, Scale.

Root and Tuber Vegetables - (Artichoke, Beet, Burdock, Carrot, Cassava, Chicory, Ginger, Ginseng, Horseradish, Parsley, Parsnip, Potato, Radish, Rutabaga, Salsify, Sweet Potato, Turnip, and Yam): For killing and repelling Armyworms, Beetles, Chinch Bugs, Grasshoppers, Leafhoppers, Leafminers, Mites, Plant Bugs, Psyllids, Rust Flies, Slugs, Symphylans, Thrips, Tubeworms, Weevils, Whiteflies, White Grubs, and Wireworms.

Small Fruits and Berries - (Blackberries, Blueberries, Boysenberries, Cranberries, Currants, Dewberries, Elderberries, Grapes, Gooseberries, Huckleberries, Olallieberries, Raspberries, Strawberries, Youngberries): For killing and repelling Ants, Aphids, Beetles, Borers, Cambium, Chaters, Curculios, Cutworms, Earwigs, Fruit Worms, Grubs, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealy Bugs, Mites, Phylloxeras, Plant Bugs, Rootworms, Saw Flies, Scale, Slugs, Spittlebugs, Stem Girdlers, Thrips, Tree Crickets, Weevils, Whiteflies, White Grubs, and Wireworms.

Stone Fruit Trees - (Apricots, Cherries, (sweet and sour), Nectarines, Peaches, Plums): For killing and repelling Aphids, Beetles, Borers, Fruit flies, Fruit-moth, Leafminers, Mites, fungus.

Tropical Fruits - (Avocado, Coconut, Guava, Bananas, Key Lime, Lychee, Mango, Papaya, Passion Fruit, Barbados Cherry, Jackfruit, Star Apple, Sugar Apple, Tahiti Lime): For killing and repelling Ants, Aphids, Beetles, Borers, Cutworms, Earwigs, Fruit Worms, Grubs, Leafhoppers, Leafminers, Maggots, Mealy Bugs, Plant Bugs, Root Worms, Saw Flies, Scale, Slugs, Spittlebugs, Stem Girdlers, Thrips, Tree Crickets, Weevils, Whiteflies, and Wire Worms.



MANUFACTURED
BY:
Frencharoma
Imports Co. Inc.
College Point, NY
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