

# Organic Pesticides



## URBAN HORTICULTURE SUPPLY

1140 Latta St. • Chattanooga, TN 37406

*This list is developed with the Organic Farmer in mind!  
All the products listed are either OMRI, CDFa, or naturally listed!*



Thank you for considering Urban Horticulture Supply as a place to supply your farm! The following products are organic production safe , and many are OMRI or CDFA certified. We understand you have a busy schedule and your time is precious and limited. We have compiled these catalogs so searching for amendments, pesticides, and soil is easy and that you are aware of your choices. With so many products out in the market it is hard to trust what it reliable and worth your hard earned money. We have weeded out the products to show you companies that are tried and true. Our goal is to offer the largest supply of organic products in the area, so this list is always being updated. If you have a brand that you like, but you cannot find, please do not hesitate to contact us to see if we can add it to the list for you!

Each product listed is the largest sizes they offer. Many offer smaller sizes and we are more than happy to sell you those products!

We also want to mention that the prices you see are the full price listed, but we love our farmers and we offer **discounts** to bulk orders. Each farm is different and we will work with your needs, and so each account has negotiable terms. We ask each farm to sign up for an account with us for ease of communication and so you do not need to remember what you bought last year! To schedule an appointment with our experts on our products and sales, please call or text (423) 708-5543.

You may also email [rob@urbanhorticulturesupply.com](mailto:rob@urbanhorticulturesupply.com) or [allison@urbanhorticulturesupply.com](mailto:allison@urbanhorticulturesupply.com).

Please call us for EPA registration Numbers.



## GH Azamax



AzaMax is a natural product with a broad spectrum of pest control applications. AzaMax is made from special Azadirachtin Technical extracted using patented extraction technology from Neem, a tree known for its innumerable benefits. AzaMax contains Azadirachtin A & B as active ingredients and more than 100 limonoids from its special technology. The special feature of AzaMax is that it does not use hard chemical solvents and uses food grade formulation ingredients. AzaMax is OMRI listed and licensed in all 50 states. (Not yet available in Canada.)

AzaMax is an antifeedant and insect growth regulator and controls pests through starvation and growth disruption. AzaMax effectively controls spider mites, thrips, fungus gnats, aphids, whiteflies, leaf miners, worms, beetles, leafhoppers, scales, mealy bugs, nematodes and other soil borne pests. Best of all, AzaMax can be applied up to the time or day of harvest. The product is exempted from residue tolerance, thus there is no harmful residue on veggies, fruits, herbs and flowers etc. **This product is OMRI listed.**

**Available in qt & gal sized containers: qt. \$118.95, gal. \$500.00**

## GH Prevasyn-Insect Repellant/Insecticide



General Hydroponics® Prevasyn™ Insect Repellant/Insecticide is an insect repellant that makes life miserable for bugs. It features concentrated plant extracts and capsi-cum oleoresin (pepper extract). The latter ingredient is the key — soft-bodied insects and mites can't stand its irritant properties. When applied regularly, General Hydroponics® Prevasyn™ Insect Repellant/Insecticide keeps bugs from eating or laying eggs on leaves. General Hydroponics® Prevasyn™ Insect Repellant/Insecticide is one of the few insect repellants on the market that has both concentrated plant extracts and capsi-cum oleoresin. Make it part of your strategy for managing bug problems. **This product is OMRI listed.**

**Available in qt sized containers: qt. \$141.66**

## GH Exile Insecticide/Fungicide/Miticide



General Hydroponics® Exile™ Insecticide/Fungicide/Miticide is OMRI-listed for use in organic gardening and an EPA-registered fungicide. That means one product gives you control of listed pests and diseases (e.g. soft-bodied pests and powdery mildew) in vegetable gardens, landscapes and greenhouses. The formulation is based on potassium salts of naturally derived fatty acids. General Hydroponics® Exile™ Insecticide/Fungicide/Miticide provides control of mites, aphids and whiteflies. Once you see a bug or two — or after they've already become a bigger problem — you can apply this product to control or suppress their population. It can be used right up to harvest on vegetables, grapes and other small fruits, tobacco, shrubs, foliage and flowering plants. **This product is OMRI listed.**

**Available in qt, gal & 2.5 gal sized containers: qt. \$30.85, gal. \$111.95, 2.5 gal \$232.48**

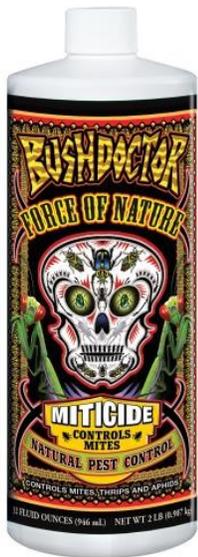
## GH Defguard Biofungicide/Bactericide



General Hydroponics® Defguard™ Biofungicide/Bactericide is an OMRI-listed biofungicide and bactericide for use in organic gardening that's effective against a variety of pathogens, particularly botrytis (which causes botrytis blight, or gray mold) and powdery mildew. It also controls anthracnose; bacterial leaf blights, spots and specks; black mold; black spot (on roses); brown spot; fruit rot; and leaf spots. If you need a biofungicide/bactericide that prevents bacterial and fungal diseases from even establishing themselves on leaves, look no further than General Hydroponics® Defguard™ Biofungicide/Bactericide. **This product is OMRI listed.**

**Available in qt, & gal sized containers: qt. \$50.30, gal. \$184.00**

Knowing what pesticide to use starts with identification of the pest. We have several loupes, magnifiers and microscopes available for purchase. We are also here to help! Bring in a sample of the pest and we can help with identification and starting an IPM (integrated pest management) plan!



## FoxFarm Force of Nature™ Miticide

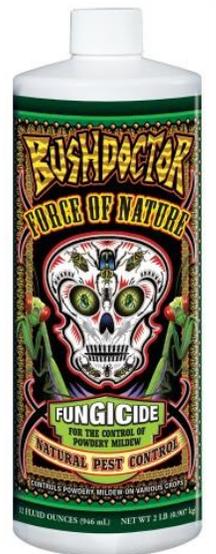
Force of Nature™ Miticide controls various mites and insects on many types of crops such as melons, squash, tomatoes, tree crops, grapes, cucumbers and all sorts of flowers. Force of Nature™ Miticide has shown the ability in independent, replicated field and greenhouse trials to control mite populations for 3–4 weeks with a 1% spray solution. Force of Nature™ Miticide is non-toxic to humans and animals. Makes 25 gallons of solution.

**Available in qt sized containers: qt. \$53.97**

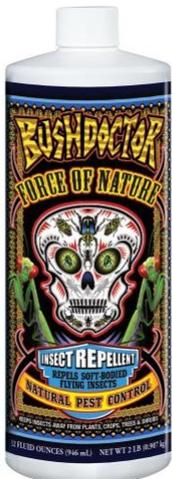
## FoxFarm Force of Nature Fungicide

Force of Nature™ Fungicide controls Powdery Mildew on many types of crops such as melons, squash, tomatoes, tree crops, grapes, cucumbers and all sorts of flowers. Force of Nature™ Fungicide has shown the ability in replicated field and greenhouse trials to control Powdery Mildew for 7-10 days with a 1% spray solution. Force of Nature™ Fungicide is non-toxic to humans and animals. Makes 25 gallons of solution.

**Available in qt sized containers: qt. \$36.29**



## FoxFarm Force of Nature™ Fungicide



Force of Nature™ Insect Repellent is an all-natural insect repellent made from pure garlic juice. When applied, the strong garlic odor dissipates within a few minutes, but remains offensive to insect pests for days. Force of Nature™ Insect Repellent can be applied to all plants, trees, shrubs, and crops to repel most insect pests. It is non-phytotoxic to plants and will leave no “after taste” on edible plant parts and fruit. Force of Nature™ Insect Repellent can be used as a repellent for soft-bodied flying insects such as aphids, leaf hoppers, white flies and thrips. It is safe to use, handle and store. It has no plant toxicity and is non-toxic to humans and animals. Makes 25 gallons of solution.

**Available in qt sized containers: qt. \$49.09**



## Doktor Doom® Total Release Fogger

A total release fogger for use in homeowner greenhouses, fruit and vegetable storage areas and indoor gardening areas. Can be used with all ornamental plants, flowers, fruits and vegetables. Used for controlling fungus gnats, spider mites, two-spotted spider mites, aphids, whiteflies, scale, mealy bugs and thrips. Pyrethrum breaks down within hours. No restriction as to where it can be sold (Does not carry a commercial registration). It is safe to use up to a couple of days before harvest. pH balanced formula without any perfumes or attars—ideal for those with post production of essential oils.

**Available in 3, 5.5, & 12.5 oz sized cans: 3 oz \$11.99, 5.5oz \$14.99, 12.5oz \$20.99**

## Doktor Doom Spider Mite Knock Out

Doktor Doom® Spider Mite Knock Out® is a 0.20% pyrethrin formula. This formula is 19 times stronger in active ingredient pyrethrin than any soap based insecticides and 10 times stronger than any formulations that contain Pyrethrin & Piperoylnl Butoxide. Piperoylnl Butoxide is a synergist which enhances the killing power of Pyrethrin and it is not approved for organic gardening. Doktor Doom® Spider Mite Knock Out® kills the pests on contact with just a light misting on the foliage. Apply the Doktor Doom® Spider Mite Knock Out® to the underside of the leaves and then fog the room with a Doktor Doom® Fogger.

**Available in pint sized containers: pint \$16.49**



## SaferGro Mildew Cure



Mildew Cure® is a natural, organic fungicide that provides good control of powdery mildew on various crops and ornamentals. A powdery mildew fungus is an obligatory parasite and thus requires a living plant host. Powdery mildew colonies quickly render a flowery potted plant undesirable. Powdery mildew infects a wide range of plants and is often found on ornamentals, vegetables and fruit crops. Mildew Cure® is derived from garlic extracts and other essential oils, these active ingredients are food grade

materials. It has no residue tolerance limits for any food crops, including fruits and berries.

**Available in qt & RTU qt sized containers: qt \$24.09, RTU qt. \$9.79**

For ordering and information, please call (423) 708-5543



## Mosquito Dunks

Mosquito Dunks® are formulated to release effective levels of BTI for a period of 30 days or more under typical environmental conditions. The floating action of the dunks will ensure that active material is released at the surface as well as gradually settling to the bottom. These dunks may be used in all types of containerized mosquito breeding areas. To prevent dunks from being flushed out of certain treatment sites, they can be anchored using a string tied through the hole in the center or staked in place. Alternate wetting and drying will not reduce their effectiveness.

**Available in 6 per card: \$13.99**

## Mosquito Bits

Corn cob granules coated in Bti, the Bits (do not last long) provide a punch, turning water black with larvae, to a clear pool void of future mosquitoes. The Mosquito Bits® are now labeled to control Fungus Gnats in plant beds or pots! Utilizing a similar mode of action for control of mosquito larvae, the Bits, either sprinkled on the soils surface or mixed with potting soil prior to planting will kill fungus gnat larvae with the same safety and target specific control offered for mosquito larvae.

**Available in 30 oz containers: \$19.29**



					
Aphid	Aphid (winged)	Bagworm Larva	Billbug	Cucumber Beetle	Cyclamen Mite
					
Earwig	Fungus Gnat (Adult)	Fungus Gnat (Larva)	Lacebug	Mealybug	Rose Chafer
					
Sowbug	Spider Mite	Spittlebug	Thrips	White Fly	White Grub



## Monterey Bug Buster-O

Bug Buster-O provides rapid knockdown and kill of listed plant pests. Can be used on the day of harvest on vegetables, fruit trees and ornamentals. Kills more than 100 listed insects. **OMRI listed for organic gardening.**

**Available in pint sized containers: \$75.09**

## Monterey Horticultural Oil

For use on ornamentals, roses, vegetables, citrus, small fruits, tree fruits and nuts. Controls aphids, mites, scales, whiteflies and other soft-bodied insects. This product is for year-round usage during dormant and growing season. For use only in home fruit and vegetable gardens, home greenhouses, interior plantscapes & ornamental gardens. **OMRI listed for organic gardening.**

**Available in qt & gal sized containers: qt \$13.09, gal \$33.49**



## Monterey Complete Disease Control

Monterey Complete Disease Control is an OMRI listed biofungicide and bactericide for organic gardening. For control of plant diseases in home gardens: vegetables, ornamental and fruit trees, shrubs, lawns, flowers, bedding plants and potted ornamental plants. Use as foliar spray or soil drench. Can be used up to day of harvest. Broad spectrum disease control. **OMRI listed for organic gardening.**

**Available in gal sized containers: gal \$112.29**

RTU refers to ready to use products. All other products will be concentrates, but there are a few exceptions. If you have any questions on application rates or information on the products, please give us a call!



## Monterey Take Down Garden Spray

A ready-to-use insecticide containing natural pyrethrin plus canola oil. Use on vegetables, fruits, houseplants, ornamentals, etc. Controls aphids, beetles, mealy bugs, caterpillars, plant bugs, etc. Dormant and growing season insect spray. Insecticide from plants for plants. Does not persist in the environment. Kills all stages of insects, including eggs.

**Available in pint & RTU qt sized containers: pt \$18.29, RTU Spray qt \$11.49**

## Monterey Neem Oil RTU

Ready to use (RTU) formulation for organic gardening. Has both fungicidal and insecticidal properties to control black spot, powdery mildew, spider mites, aphids, whitefly and more. Use on roses, houseplants, ornamental trees and shrubs, fruit & nut trees and vegetables. **OMRI listed for organic gardening.**

**Available in RTU qt sized containers: \$14.29**



## Monterey Insect Spray with Spinosad

For control of foliage feeding worms (caterpillars), thrips, fire ants and other listed pests in: Lawns, outdoor ornamentals, vegetables, apples, citrus and stone fruit. Contains spinosad, produced by fermentation. New chemistry for insect control. Can be used on vegetable, fruit crops, ornamentals, and turf. Controls caterpillars as well as beetles, leafminers, thrips, beetles and more! **OMRI listed for organic gardening.**

**Available in gal sized containers: gal \$127.29**

## Monterey B.t

Easy-to-mix liquid concentrate. Kills caterpillar-type insects, but has no effect on birds, earthworms or beneficial insects such as honeybees and ladybugs, when used as directed. Worm stage and caterpillars eat treated foliage, then immediately stop feeding and damaging plants. For use on fruits, vegetables, ornamentals and shade trees. Can be used on edible plants up to the day of harvest. OMRI listed for Organic Gardening. **OMRI listed for organic gardening.**

**Available in gal sized containers: gal \$93.09**





## Monterey 70% Neem Oil

A broad spectrum insecticide, miticide and fungicide that controls numerous diseases as well as insects and mites. Use on vegetables, fruit trees, ornamentals, etc. Neem is ideal for use in organic gardens. **OMRI listed for organic gardening.**

**Available in pint sized containers: pt. \$26.79**



## Monterey Sluggo

Snail and slug control at its best. An alternative to traditional slug and snail baits, Sluggo® contains iron phosphate and can be used around pets and wildlife. This product is labeled for use in vegetable gardens up until harvest and remains effective after rain or sprinkling. A pellet that breaks down into fertilizer! New lower rate, 1 lb covers up to 2,000 sq. ft. **OMRI listed for organic gardening.**

**Available in 2.5 lb sized containers: \$18.59**

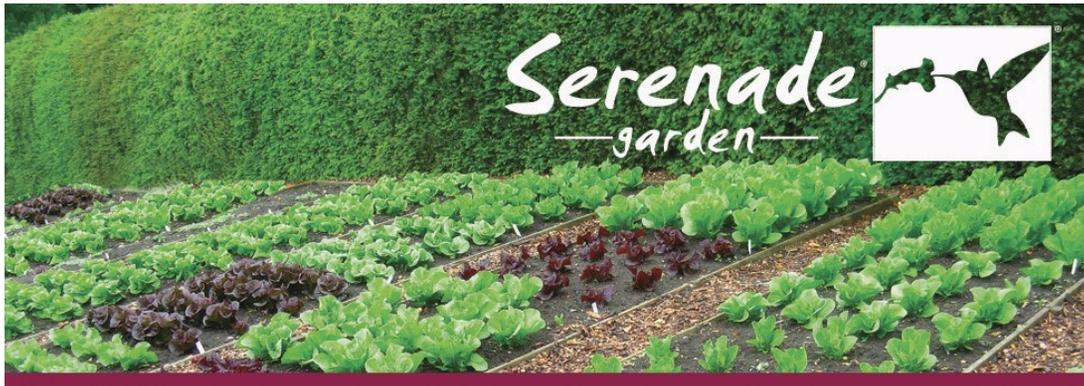


## Monterey Once A Year Insect Control II

This insecticide is used as a soil drench on ornamental trees, shrubs and certain fruit and nut trees. It controls adelgids, leaf beetles, leafhoppers, mealy bugs, scale, whiteflies, borers (including the Emerald Ash borer) and many others. Gives a full year of control. No spraying, just use around the roots as a soil drench for full season insect control.

**Available in qt & gal sized containers: qt \$15.49, gal \$46.29**

Not finding what you are looking for? These catalogs are always being updated as we find more products to offer. We can also look for a product you want or we can find a comparable alternative! Just give us call for more information!



## Serenade Garden Disease Control

Controls bacterial spot, powdery mildew, rust, gray mold, leaf blight, scab and more. For home gardeners, Serenade® Garden Disease Control is the safe, natural, broad spectrum, effective fungicide that controls harmful garden diseases and is approved for organic gardening. Same effective active ingredients used by 1000's of commercial growers. Broad spectrum control of fungal and bacterial diseases. No weather or timing restrictions for application. So safe, you can treat, pick and eat fruits, vegetables or flowers the same day. No phyto-toxicity issues. Concentrate is 1 oz per gallon. Broad spectrum control of fungal and bacterial diseases. So safe, you can pick & eat fruits, vegetables or flowers the same day. Registered in all states. **OMRI listed for organic gardening.**

Available in RTU qt & qt sized containers: RTU \$11.29, Qt \$22.99



# ORGANOCIDE

## Organocide 3-in-1 Organic Insecticide



A nature-safe, organic spray oil effective on a wide variety of insects, mites, armored and soft scales and certain fungal diseases. It is insecticidal to the eggs, larvae, and nymphs of insects and adults of soft bodied insects. Controls a wide range of mite and insect pests, and certain fungal diseases such as powdery mildew, black spots on roses, helminthosporium and greasy spots on citrus. Use on vegetables, fruits, nuts, vine crops, herbs, ornamentals, greenhouse crops, landscape plants, bulbs, flowers and field crops. Active Ingredient: sesame oil 5.0%. Inert Ingredients: edible fish oil 92.0% and Lecithin 3.0%. Dilution Rate: Mix 2 oz with 1 gallon of water. **OMRI listed for organic gardening.**

**Available in qt & 2.5 gal sized containers: qt \$20.99, 2.5 gal \$117.99**

## Organocide Plant Doctor

Organocide Plant Doctor™ Systemic Fungicide is a broad spectrum control of most plant diseases such as root rot, stem blights, leaf spots, bacterial diseases and is even effective on troublesome and difficult to control fungal diseases such as Pythium and Phytophthora. Plant Doctor™ prevents as well as cures and has included nutritional boost of potassium and phosphorous.

**Available in qt sized containers: \$23.36**



Visit our Store! Our Hours:

Tuesday-Friday 11AM to 6PM EST

Saturday 11AM-- to 4 PM

Closed Sunday & Monday, but we can schedule an appointment!



## Safer® End ALL™ Insect Killer

Kills over 45 different types of insects indoors and out. Wipes out insects & eggs with the combined killing power of pyrethrin & neem oil. Can be used up to day of harvest. For use on fruits, vegetables, flowers, trees and ornamentals. **OMRI listed for organic gardening.**

Available in RTU qt sized containers: qt \$11.19

## Safer® Insect Killing Soap

Use on houseplants, ornamental foliage plants, flowering plants and fruits and vegetables. Kills aphids, mealy bugs, spider mites and whiteflies. **OMRI listed for organic gardening.**

Available in 16 oz & gal sized containers: 16oz \$15.39, gal \$71.94



## Safer® 3-in-1 Garden Spray II

Provides three garden solutions in one: fungicide, insecticide, miticide. Its formulation kills garden insects and mites and controls fungal diseases. Contains patented formula to help reduce injury to most plants. Registered in all states. **OMRI listed for organic gardening.**

Available in gal sized containers: gal \$57.99

## Safer® BioNEEM® Insecticide & Repellent

Neem Oil insect control for bedding, potted plants, trees & shrubs, lawns, yard & landscape, house plants, vegetable & fruit crops. Unique insecticide and repellent that controls over 30 common insect pests. Use on trees, shrubs, ornamentals and flowers. Neem disrupts hormonal balance. Insects die before molting to next stage. Registered in all states. One bottle makes 8 gallons on most applications. **OMRI listed for organic gardening.**

Available in 16 oz. sized containers: \$20.95



## Safer® Caterpillar Killer for Trees, Shrubs & Vegetables



This pest control product is very effective in killing caterpillars and worms, including corn earworm, bollworm, armyworm, diamondback moth, green cloverworm, hornworms, loopers, melonworm, pickleworm, tomato fruitworm, tobacco budworm, salt marsh caterpillar, mimosa webworm and imported cabbage-worm! The Safer® Brand Caterpillar Killer utilizes Dipel (bacillus thuringiensis var. Kurstaki) which, once ingested by the wayward caterpillar or worm, kills them within a few days. This insect killer is the most economical and convenient natural pest control solution to caterpillars and worms on the market! **OMRI listed for organic gardening.**

**Available in 16 oz & gal sized containers: 16 oz \$15.95, gal \$94.99**

## Safer® Pyrethrin & Insecticidal Soap Concentrate II

Safer® Brand Insecticidal Soap and Pyrethrin Concentrate is OMRI Listed and labeled for professional use so it can be used in your organic farm without sacrificing certification. One bottle makes 25 gallons (treats up to 14,000 sq. ft.) of solution to eliminate hard and soft bodied insects on contact! Targets and kills variety of hard and soft bodied insects and does not kill beneficial insects. Sold in case quantities only. **OMRI listed for organic gardening.**

**Available in Gal sized containers: 4 Bottles per case at \$82.99/ bottle, \$331.96 ttl**



## Safer® Garden Fungicide

Can be used on fruits, flowers, vegetables, flowering plants and ornamentals. Controls and prevents black spot, rust, leaf spot and powdery mildew on roses. Contains sulfur. Registered in all states. One bottle makes 4 gallons.

**Available in 16 oz sized containers: \$15.29**

# BLACKSMITH BIOSCIENCE



## Blacksmith BioScience Armory™ Beneficial Bacillus

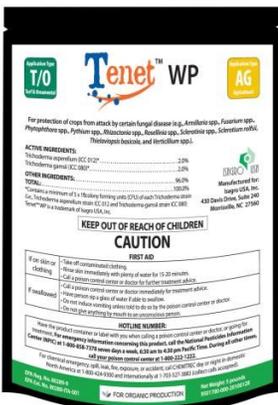
Armory™ is a high concentration of several select beneficial plant bacteria. These powerful species of Bacillus are all scientifically proven plant growth, yield and vigor promoting bacteria, each with it's own unique function that compliments the entire group and provides maximum aid to the plant. **OMRI listed for organic gardening.**

**Available in 1lb & 10lb sized containers: 1lb \$177.97, 10lb \$1,779.97**

## Blacksmith BioScience Nitryx Nitrogen Fixing Bacteria

BT Kurstaki 15% is a liquid formulation of bacteria. Controls caterpillars, loopers, cabbage worms, horn worms, leaf folders and leaf rollers. One pint treats up to 10,875 sq. ft. Won't harm beneficial insects. **OMRI listed for organic gardening.**

**Available in 1lb, 10lb & 20lb sized containers: 1lb \$125.00, 10lb \$1,038.96, 20lb \$1,500**



## Blacksmith BioScience Tenet® WP Biofungicide

Tenet® WP is a second-generation biorational fungicide that contains two powerful species of beneficial Trichoderma fungi that effectively control or suppress soil-borne diseases. Tenet® is highly effective against Fusarium spp., Phytophthora spp., Pythium spp., Rhizoctonia spp., Sclerotinia spp., Sclerotium rolfsii, Thielaviopsis basicola, Verticillium spp., as well as Armillaria sp and Rosellinia sp. When applied the active ingredients grow in the soil and around the plant's root system using multiple modes of action to suppress and destroy disease causing fungi. **OMRI listed for organic gardening.**

**Available in 1lb sized containers: \$69.00**

# azera® Gardening



## Azera® Gardening

Azera® Gardening is an ideal solution for hard-to-kill insects. It is made from two distinctly powerful active ingredients from botanical sources that knock down the pests and kill them either by contact or by ingestion. It kills both hard-bodied and soft-bodied insects, from aphids to beetles. Azera® Gardening can be used on ornamentals, leafy vegetables, fruit and nut trees, cereal grains, forage, grasses and more. Azera® Gardening is made with botanically-derived active ingredients that are very effective at killing garden pests. **OMRI listed for organic gardening.**

**Available in qt & gal sized containers: qt \$139.29, gal \$529.59**

# PyGanic® GARDENING



## PyGanic® Gardening

PyGanic® Gardening is an organically compliant, broad-spectrum contact insecticide that offers gardeners peace of mind with its rapid kill of unwanted insects. With a variety of application methods, this flexible spray solution is ideal for use by residential gardeners. **OMRI listed for organic gardening.**

**Available in qt & gal sized containers: qt \$71.79, gal \$276.59**



## Marrone Bio Innovations Regalia® Biofungicide



Regalia® biofungicide stimulates the plant's innate ability to fight diseases and delivers better yield and improved harvest quality. It offers preventative activity and early control of yield-robbing diseases that result in increased marketable yield and top profit on every acre. Regalia's® unique mode of action of Induced Systemic Resistance (ISR) brings a sustainable option to help simplify and extend your integrated pest management (IPM) program. It can be used as a stand-alone product, in rotation with or in combination with other fungicides to strengthen IPM programs and to help manage resistance in a wide range of organic and conventional crops, as well as in turf and ornamentals. Regalia also improves the crop's tolerance to stress by enhancing overall plant health. **OMRI listed for organic gardening.**

**Available in 1 gal & 25 gal sized containers: 1 gal \$159.79, 2.5 gal \$289.39**

## Marrone Bio Innovations Venerate® XC Bioinsecticide

Venerate® advanced bioinsecticides (Burkholderia spp. strain A396) feature multiple modes of action and are effective against a wide variety of chewing and sucking insects and mites yet are easy on beneficial insects. Their unique and novel modes of action will complement and improve integrated pest management and insect resistance management programs. Venerate® products are microbial based and are powered by several active compounds that span different chemical classes. These compounds drive multiple modes of action which result in exoskeleton degradation and molting interference; control of the pests is achieved through exposure and ingestion of the product. With Venerate's® multiple active compounds and modes of action the risk of insect resistance is greatly reduced. **OMRI listed for organic gardening.**



**Available in 1 gal & 25 gal sized containers: 1 gal \$182.89, 2.5 gal \$329.89**

## Marrone Bio Innovations Grandevo® Insecticide



Grandevo® is a microbial-based insecticide. Grandevo® contains several active compounds that repel, stop feeding, reduce reproduction and induce mortality to prevent the development of damaging populations of sucking and chewing insects, flies and mites. Grandevo® can be used on a wide range of organic and conventional crops, including fruits, vegetables, nuts and turf and ornamentals. Grandevo® is best used early when adult populations of pests move into a field when caught early. Grandevo® may be used as a stand-alone product, just before harvest to manage residues, and in rotation with other insecticides as part of an integrated pest management program. **OMRI listed for organic gardening.**

**Available in 5lb sized containers: 5lb \$156.39**

## Marrone Bio Innovations Bio-Tam® 2.0 Biofungicide

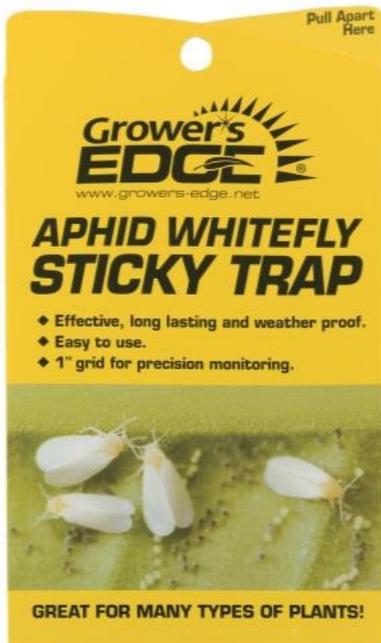
Bio-Tam® 2.0 is a highly effective biofungicide for conventional and organic production. Bio-Tam® 2.0 is the next generation in biorational fungicides with a proven combination of two species of beneficial *Trichoderma* fungi used in the management of soil-borne diseases which include *Fusarium* spp., *Phytophthora* spp., *Pythium* spp., *Rhizoctonia* spp., *Sclerotinia* spp., *Sclerotium rolfsii*, *Thielaviopsis basicola*, *Verticillium* spp. These soil-borne root and collar rot diseases affect a wide range of vegetable, fruit, row and ornamental crops. Bio-Tam® 2.0 can be used on most crops, including fruiting vegetables, leafy vegetables and cucurbits, and in greenhouse and field applications. It is a tool to reduce the stress of disease infections associated with many soil-borne pathogens. Bio-Tam® 2.0 colonizes the crop roots and surrounding soil. It acts as a protectant, forming a barrier that is antagonistic to disease infection. Bio-Tam® 2.0 also attacks the pathogen cell walls with enzymes that actively inhibit disease infection. **OMRI listed for organic gardening.**



**Available in 5lb sized containers: 5lb \$208.39**



We have several types microscopes and sticky traps available. Just give us a call for pricing and availability.





**Do you have a  
Garden Problem?  
Destructive  
Garden Bugs?**



**BENEFICIAL INSECTS**  
are a Safe and Effective  
**Way to Control  
Destructive Pests**

**READ TO LEARN MORE!**

Orcon Organic Control offers many options in beneficial pest control, pollinators, and supplies. Just take a look at what pest you are looking to eradicate in the following list and we will fill out a form to get the product sent to us or straight to your door! For more information, please give us a call!

Visit their website for more information on the products and check out their resource page!

<https://www.organiccontrol.com/>

Find your pest in the left column on the chart below. The next column tells you our recommended solution. The third column gives you information about the rate at which to apply the insects or the application method. And the last column gives you tips on how to use the products.

Pest Insect	Beneficial Insect	Rate or Method	Release info
Aphids	Green Lacewing ( <i>Crysopa carnea</i> )	2 per sq. foot	Use 3 releases every 2 weeks
		10k to 50k per acre	
		500 - 1000 per tree	
	Lady- bugs ( <i>Hippodamia convengens</i> )	2 - 5 per sq. foot	Use 4 releases at 3 day intervals
1 gallon per 1/4 acre			
Artichoke Moth Larvae	Beneficial Nematodes ( <i>Steinernema feltiae</i> )	Spray	Spray Artichoke heads
Armyworms	Beneficial Nematodes ( <i>Steinernema feltiae</i> )	Spray	Spray the affected area
Black Currant Bor- ers	Beneficial Nematodes ( <i>Steinernema feltiae</i> )	Spray	Spray cutting and bushes
Black Vine Weevils	Beneficial Nematodes ( <i>Steinernema feltiae</i> )	Top Dressing	Hoe into soil or add to potting soil
Brown garden snail	Decollate Snails ( <i>Rumina decol- lata</i> )	.1 - 1 per square foot	Use as needed
Cabbage Root Mag- gots	Beneficial Nematodes ( <i>Steinernema feltiae</i> )	Top Dressing	Put in seed furrows or on roots
Carpenter Worms	Beneficial Nematodes ( <i>Steinernema feltiae</i> )	Injection	Inject Burrows
Caterpillars (includes over 200 species of Lepidop- terous insects)	Trichogramma	1 - 5 per sq. foot	Try to release during egg laying periods
		40k to 200k per acre	Releasing at 1 week intervals im- proves effectiveness
Chinch Bugs	Beneficial Nematodes ( <i>Steinernema feltiae</i> )	Use 7M per 1,000 sq. ft.	Spray the affected area
Codling Moth	Trichogramma	1 - 5 per sq. foot	Try to release during egg laying periods
		40k to 200k per acre	Releasing at 1 week intervals im- proves effectiveness
	Beneficial Nematodes ( <i>Steinernema feltiae</i> )	Spray	Spray tree trunks in Mid to late Summer
Corn Borers	Beneficial Nematodes ( <i>Steinernema feltiae</i> )	1 - 5 per sq. foot	Try to release during egg laying periods
		40k to 200k per acre	Releasing at 1 week intervals im- proves effectiveness

Corn Earthworms	Trichogramma	1 - 5 per sq. foot	Try to release during egg laying periods
		40k to 200k per acre	Releasing at 1 week intervals improves effectiveness
	Beneficial Nematodes (Steinernema feltiae)	Spray	Spray or inject silks weekly
Corn Rootworms	Beneficial Nematodes (Steinernema feltiae)	Top Dressing	Apply in seed furrows
Cotton Bollworms	Trichogramma	1 - 5 per sq. foot	Try to release during egg laying periods
		40k to 200k per acre	Releasing at 1 week intervals improves effectiveness
Crane Fly Larvae	Beneficial Nematodes (Steinernema feltiae)	Use 7M per 1,000 sq. ft.	Apply to soil early in the spring
Cucumber Beetles	Beneficial Nematodes (Steinernema feltiae)	Top Dressing	Mix in mulch or apply in seed furrows
Earwigs	Praying Mantids (Tenodera aridifolia sinensis)	Hatch in container or attach egg to branch	release early in spring
Fire Ants	Beneficial Nematodes (Steinernema feltiae)	1 million BN per ant hill	Mix contents with 3 1/2 gal of water. Pour 1/2 gal of the mixture down each
Flea Larvae	Beneficial Nematodes (Steinernema feltiae)	Spraying	Spray on lawns or soil, keep moist
Flea Beetles	Beneficial Nematodes (Steinernema feltiae)	Spraying	Mix in mulch or apply in seed furrows
Flies (manure flies)	Fly Parasites (Mixed species)	1000 per large animal	Release every 2 weeks during fly season
Fruit Fly-Grey	Fly Parasites (Mixed species)	1000 per large animal	Release every 2 weeks during fly season
	Beneficial Nematodes (Steinernema feltiae)		
Fungus Gnat	Beneficial Nematodes (Steinernema feltiae)	Top Dressing	Mix into potting soil
Grubs	Beneficial Nematodes (Steinernema feltiae)	Use 7M per 1,000 sq. ft.	Spray soil when pests are in larval state in soil.
Gypsy Moth	Beneficial Nematodes (Steinernema feltiae)	Spraying	Spray on lawns to kill migrating larvae
Japanese Beetle Grub	Beneficial Nematodes (Steinernema feltiae)	Spraying	Spray on lawns or Mix into mulch
June Bugs	Beneficial Nematodes (Steinernema feltiae)	Use 7M per 1,000 sq. ft.	Spray soil early in the spring
Leather Jackets	Beneficial Nematodes (Steinernema feltiae)	Injection	Inject into soil or mulch
Mealybugs	Cryptolaemus	1 - 5 per sq. foot	Use at first appearance of mealybug and continue as needed.
		500 - 5000 per acre	

Mole Cricket	Beneficial Nematodes (Steinernema feltiae)	Top Dressing	Apply to burrows, keep moist
Onion Maggots	Beneficial Nematodes (Steinernema feltiae)	Top Dressing	Apply to furrows, keep moist
Peach Tree Borers	Beneficial Nematodes (Steinernema feltiae)	Spray on lower trunk	Spray on tree trunk and in the soil around the trunk in Spring or Fall
Poplar Clearerwing Borers	Beneficial Nematodes (Steinernema feltiae)	Injection	Inject burrows
Raspberry Crown Borers	Beneficial Nematodes (Steinernema feltiae)	Top Dressing	Mix into soil near base
Root knot Nematodes	Beneficial Nematodes (Steinernema feltiae)	25,000 per square foot	Use as soon as Root Knot Nematodes are suspected
Scale - hard (red, yellow)	Aphytis melinus	1 per 20 scales	Use 3 releases at 2 week intervals
		1 per 2 sq. feet	
		10,000 per acre	
		500 - 1000 per tree	
Scale - soft (black, brown)	Metaphycus helvolus	1 per 20 scales	Use 4 releases at 10 day intervals
		1 per 2 sq. feet	
		3000 per acre	
Snails	Decollate Snails	Water then release in the evening	Put them out in groups of 3 or 4 in areas where they are likely to find brown snails.
Sod Webworms	Beneficial Nematodes (Steinernema feltiae)	Spraying	Spray onto sod, keep moist
Spider Mites	Predatory Mites	2 - 5 per plant	Use as needed
		.5 - 1 per sq. foot	
		1k - 30k per acre	
Spruce Budworms	Trichogramma	1 - 5 per sq. foot	Try to release during egg laying periods Releasing at 1 week intervals
		40k to 200k per acre	
Squash Vine Borer Larvae	Beneficial Nematodes (Steinernema feltiae)	Use 7M per 1,000 sq. ft.	Spray soil early in the spring
Strawberry Weevils	Beneficial Nematodes (Steinernema feltiae)	Top Dressing	Mix into soil and/or apply to roots

Termites (subterranean)	Beneficial Nematodes (Steinernema feltiae)	Injection	Use an eye dropper to inject highly concentrated mixture into the tunnels
		Spray	Spray affected area and keep moist
Thrips	Green Lacewings (Crysopa carnea)	2 per sq. foot	Use 3 releases every 2 weeks
		10k to 50k per acre	
		500 - 1000 per tree	
Tobacco Budworms	Beneficial Nematodes (Steinernema feltiae)	Spraying or Injection	Spray or Inject flower buds weekly
Tomato Horn Worms	Trichogramma	1 - 5 per sq. foot	Try to release during egg laying periods Releasing at 1 week intervals
		40k to 200k per acre	
Weevils	Beneficial Nematodes (Steinernema feltiae)	7 million per 1000 sq. ft.	Release when pests are in larval state in soil.
		1 billion per 3.5 acres	Spray into tree trunks for borers.



### Orcon Organic Controls' Story:

People used to say, "The only good bug is a dead bug!" They used strong chemicals to try and kill every creature in their yard. Now we know that can be dangerous to us and our planet. We know it's better to work with Mother Nature instead of against her.

In 1976 Organic Control Incorporated, or Orcon, began offering a complete line of beneficial insects to the home gardener. Because we know that every garden pest has a natural enemy, we wanted to provide the alternatives people need to control pests without having to use things that are not good for us, our kids, or the earth.

Later we added soil amendments because to have strong healthy plants it is important to have healthy soil that provides all the important nutrients that plants need.

Next came natural animal repellents because four-legged pests can be just as destructive as the smaller ones.

And then we offered Mason Bees to help improve the pollinating process. This improves blooms and increases the yield on fruits, nuts, and vegetables.

At Orcon, our goal is to provide all the tools a gardener needs to have a beautiful and healthy garden that is a safe place for our kids and pets. We want to work with Mother Nature.



Do not forget to have a sprayer for your pesticide application! We have several types , sizes, and brands available! Give us a call for pricing and availability!

