

ONEGUARD®

Multi MoA Concentrate

Specimen Label

- Kills Aedes, Anopheles and Culex mosquitoes
- Kills mosquitoes that may transmit West Nile virus, Chikungunya virus and Zika virus
- Kills fleas, ticks and house flies
- Controlled release technology
- Contains NyGuard® IGR
- Two modes of action
- Convenient all-in-one product

ACTIVE INGREDIENTS:

Lambda-cyhalothrin.....	4.00%
Prallethrin	0.40%
Pyriproxyfen	1.30%
Piperonyl butoxide.....	6.00%
OTHER INGREDIENTS	88.30%
	100.00%

This product contains 0.336 lbs. Lambda-cyhalothrin, 0.0336 lbs. Prallethrin, 0.109 lbs. Pyriproxyfen and 0.503 lbs. PBO per gallon.



KEEP OUT OF REACH OF CHILDREN
CAUTION

See inside for first aid and precautionary statements.

PESTICIDE RESISTANCE MANAGEMENT:

OneGuard® Multi MoA Concentrate contains a Group 3A and Group 7A insecticide. Insect biotypes with acquired resistance to Group 3A and Group 7A may eventually dominate the insect population if Group 3A and 7A insecticides are used repeatedly or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by OneGuard Multi MoA Concentrate or other Group 3A or 7A insecticides.

To delay insecticide resistance consider:

- Avoiding the consecutive use of OneGuard Multi MoA Concentrate or other Group 3A and 7A insecticides that have a similar target site of action, on the same insect species.

- Using tank mixtures or premixes with insecticides from a different target site of action Group as long as the involved products are all registered for the same use and have different sites of action.

- Basing insecticide use on a comprehensive IPM program.

- Monitoring treated insect population for loss of field efficacy.

Contact your local extension specialist, and/or manufacturer for insecticide resistance management and or IPM recommendations for the specific site and resistance pest problems.

DIRECTIONS FOR USE

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

Read and follow ALL label directions when using this product.

USE RESTRICTIONS:

READ ALL DIRECTIONS COMPLETELY BEFORE USE AND FOLLOW ALL DIRECTIONS AND PRECAUTIONS WHEN USING PRODUCT.

- In New York state, this product may not be applied to turf within 100 ft. of a coastal marsh or streams that drain into a coastal marsh.
- In New York state, for outdoor broadcast and foliar applications, do not apply more than 1 fl. oz. of OneGuard Multi MoA Concentrate per 1,000 sq. ft.
- Do not spray in or near fishponds or other bodies of water.
- Do not water the treated area to the point of runoff.
- Do not make applications while it is raining.
- Do not make outdoor broadcast applications when wind speed is 15mph or greater.
- Do not apply directly to sewers or drains, or any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by this label.
- Not for wide area mosquito abatement using aerial application or truck-mounted cold aerosol ULV sprayers and thermal fogging devices.
- Not for use on plants being grown for sale or other commercial use. Not for use in nurseries, sod farms or golf courses.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack and crevice treatment. During application, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.

- All outdoor applications, if permitted elsewhere on this label, must be limited to spot or crack and crevice treatments only, except for the following permitted uses:

1. Applications to soil or vegetation around structures;
2. Applications to lawns, turf, and other vegetation;
3. Applications to building foundations, up to a maximum height of 3 feet above grade;
4. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed 1 inch in width;
6. Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters, or surface waters, in order to control occasional invaders or aggregating pests as listed on this label.

- Do not apply in electrical conduits, junction and switch boxes, motor housings or other electrical equipment due to shock hazard from water-based spray.

- Do not mix this product with oil.

- Do not apply this product in any room being used as living, eating, sleeping, or recovery area by patients, the elderly, or infirm when they are in the room. Restrict access until all surfaces are dry.

- Do not apply to classrooms when occupied.

Use Restrictions Continued

Use Restrictions Continued

- Do not apply to institutions (including libraries, sports facilities, etc.) in the immediate area when occupants are present.
- Keep all people and pets out of areas (indoors and outdoors) being treated and restrict access to these areas until all surfaces are dry. Cover fish aquariums and pets’ food and water dishes before spraying. Do not allow spray to contact food or food-containing surfaces, feed or water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated with this product.

Use only in areas described. For best results, follow directions for specific use areas.

PESTS CONTROLLED
Ants, aphids, Asian lady beetles, beetles, boxelder bugs, carpenter bees, carpet beetles, caterpillars, centipedes, chinch bugs, clothes moths, clover mites, cockroaches, crickets, daddy-longlegs, earwigs, fleas, flies (including cluster flies, crane flies, drain flies, fruit flies, house flies and phorid flies), firebrats, kudzu bugs, non-biting midges, mealybugs, millipedes, mites, mole crickets, mosquitoes, pillbugs, psocids, scales, scorpions, silverfish, sowbugs, spiders, springtails, spruce spider mites, stink bugs (including brown marmorated), stored product pests, ticks, twospotted spider mites, wasps, whiteflies.

USE AREAS
For control of listed insects, indoors and outdoors, in food and non-food areas: backyards, lawns, trees, ornamental landscaping, recreational areas, parks and athletic fields. Also for use in and around homes, schools, warehouses, office buildings, apartment buildings, theaters, hotels, resorts, industrial buildings, motels, camp sites/campgrounds, aircraft cargo areas, kennels, deer pens and enclosures, zoos, wild animal parks, food processing plants, food service establishments, restaurants, outdoor dining areas, supermarkets and grocery stores, transportation equipment, truck trailers, railroad cars and food manufacturing and warehousing establishments.

This product should not stain or cause damage to painted or varnished surfaces, plastics, fabrics, or other surfaces where water applied alone causes no damage. Treat a small area and allow it to dry to determine whether staining will occur.

APPLICATION METHODS

- Broadcast spray treatment
- Foliar spray treatment
- Spot, crack and crevice treatment

- Structural perimeter treatment
- Surface spray treatment

APPLICATION EQUIPMENT

Includes, but is not limited to:

- Backpack mist blowers
- Backpack sprayers
- Handheld sprayers

- Mist sprayers
- Power sprayers

MIXING INSTRUCTIONS
OneGuard Multi MoA Concentrate should be diluted with water only and applied with hand-pressurized or power-operated equipment. Clean equipment before and after use. Agitate the container of OneGuard Multi MoA Concentrate before diluting by inverting it several times. For dilution, add approximately half the required water to the tank and then add the appropriate amount of OneGuard Multi MoA Concentrate. Agitate and slowly add the remaining water. Agitate the mixture thoroughly before using and occasionally during use to ensure dispersion. Avoid excessive application.

Active Ingredient	Final % Concentration of Active Ingredient		
	1.0 fl. oz. per gallon	1.5 fl. oz. per gallon	2.0 fl. oz. per gallon
Lambda-cyhalothrin	0.031%	0.046%	0.062%
Prallethrin	0.003%	0.005%	0.006%
Pyriproxyfen	0.010%	0.015%	0.020%
Piperonyl butoxide	0.047%	0.070%	0.092%
Total % Concentrate of all Active Ingredients	0.091%	0.136%	0.180%

TANK MIXING:
OneGuard Multi MoA Concentrate can be tank mixed with other currently registered products unless expressly prohibited by the product label. To ensure compatibility, conduct a small volume mixing test with the other products. Do not tank mix OneGuard Multi MoA Concentrate with products containing dichlorvos (DDVP).

It is the pesticide user’s responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture (for example, first aid from one product, spray drift management from another.)

FOAM APPLICATIONS:
OneGuard Multi MoA Concentrate may be converted to foam, which can be used to treat structural voids to control or prevent listed pests harboring in walls, under slabs, or in other void areas.

Application Site	Pest	Dilution Rate In Water	Application Method(s)
Mosquito Habitats ¹	Mosquitoes	1.0 fl. oz. to 2.0 fl. oz. per gallon or 1.0 fl. oz. to 2.0 fl. oz. in sufficient water to cover 1,000 sq. ft. In New York state, for outdoor broadcast and foliar applications, do not apply more than 1 fl. oz. of concentrate per 1,000 sq. ft.	- Broadcast spray treatment - Foliar spray treatment - Spot treatment
Ornamentals and Landscapes ²	Ants, aphids, beetles, boxelder bugs, carpenter bees, caterpillars, centipedes, clover mites, crane flies, flies ⁴ , mealybugs, millipedes, mites, psocids, scales, silverfish, sowbugs, stink bugs (including brown marmorated), whiteflies	1.0 fl. oz. to 1.5 fl. oz. per gallon or 1.0 fl. oz. to 1.5 fl. oz. in sufficient water to cover 1,000 sq. ft. In New York state, for outdoor broadcast and foliar applications, do not apply more than 1 fl. oz. of concentrate per 1,000 sq. ft.	- Broadcast spray treatment - Foliar spray treatment - Spot treatment In New York state, this product may not be applied to turf within 100 ft. of a coastal marsh or streams that drain into a coastal marsh.
Lawns and Turf— Not for use on golf course turf	Ants, beetles, chinch bugs, cockroaches ³ , crane flies, crickets, fleas, flies, mole crickets, non-biting midges, spiders, springtails, ticks, wasps	0.6 fl. oz. per gallon or 0.6 fl. oz. in sufficient water to cover 1,000 sq. ft. In New York state, for outdoor broadcast and foliar applications, do not apply more than 1 fl. oz. of concentrate per 1,000 sq. ft.	Broadcast spray treatment In New York state, this product may not be applied to turf within 100 ft. of a coastal marsh or streams that drain into a coastal marsh. Do not apply more than 0.36 lbs. lambda-cyhalothrin per acre per year or 1.1 gallons of OneGuard Multi MoA Concentrate per acre per year.
Exterior Walls, Foundations and Structures	Ants, Asian lady beetles, boxelder bugs, cluster flies, cockroaches ³ , crickets, daddy-longlegs, earwigs, flies, kudzu bugs, millipedes, non-biting midges, pillbugs, psocids, sowbugs, spiders, wasps	1.0 fl. oz. to 2.0 fl. oz. per gallon or 1.0 fl. oz. to 2.0 fl. oz. in sufficient water to cover 1,000 sq. ft.	- Crack and crevice treatment - Spot treatment - Structural perimeter treatment - Surface spray treatment
	Scorpions, spruce spider mites, twospotted spider mites	2.0 fl. oz. per gallon or 2.0 fl. oz. in sufficient water to cover 1,000 sq. ft.	- Crack and crevice treatment - Spot treatment - Structural perimeter treatment - Surface spray treatment
¹Do not spray in or near fishponds or other bodies of water. ²A small-scale test is recommended to verify safety to ornamentals. ³For control of cockroaches, use 1 fl. oz. per gallon for standard treatments and 2 fl. oz. per gallon for severe infestations. ⁴For outdoor use only at the 0.3% Lambda-cyhalothrin concentration or 1.5 fl. oz. of OneGuard Multi MoA Concentrate per 1,000 sq. ft.			

SPECIFIC USE DIRECTIONS:

MOSQUITOES:

Apply as a spray where mosquitoes may rest, harbor, or breed, contacting as many mosquitoes as possible. This includes, but is not limited to, tall grass, foliage, landscape plantings, building foundations, soil beneath decks, backyards and lawns. The ideal target area is the bottom 20 feet of trees. Pay particular attention to the underside of plant leaves and resting sites.

Apply using a backpack mist blower or other mechanical or pressurized equipment including, but not limited to, backpack sprayers and power sprayers. Do not make outdoor broadcast applications when wind speed is 15mph or greater.

Recommended to use 1 fl. oz. per gallon or 1 fl. oz. in sufficient water to cover 1,000 sq. ft. for standard light infestation or low pest pressure and 2 fl. oz. per gallon or 2 fl. oz. in sufficient water to cover 1,000 sq. ft. for heavy infestation or high pest pressure.

In New York state, for outdoor broadcast and foliar applications, do not apply more than 1 fl. oz. of OneGuard Multi MoA Concentrate per 1,000 sq. ft.

LISTED FLIES:

To control house flies and phorid flies, treat protected areas outdoors. Treat garbage cans, cracks and crevices containing organic matter, recycling bins and other sources that hold or contain organic matter.

To control fruit flies, treat surfaces around garbage cans and recycling bins.

CLUSTER FLIES:

Apply in late summer or early fall before flies are observed resting on surfaces. Apply thoroughly on siding, under eaves, and around windows and doors, paying particular attention to south-facing surfaces. Apply enough diluted product to adequately cover the area without excessive dripping or runoff. Volume can vary depending on the surface type treated. Heavy precipitation prior to frost may require retreatments to maintain protection. In winter and spring when flies become active and are emerging, interior crack and crevice and void treatments can help reduce the infestation, along with ULV or surface application in infested attics or unoccupied lofts.

FLEAS & TICKS:

To control fleas and ticks, apply to kennels, runs and other areas where pets or other animals have been present. Treat the entire area and retreat as necessary to maintain control. Do not apply to pasture or cropland and do not allow animals and people to access treated areas until the application has dried. DO NOT SPRAY PETS OR OTHER ANIMALS WITH THIS PRODUCT. Treat pets with a product registered for use on animals.

For best outdoor control of ticks, apply spray to vegetation, brush, branches and other areas near habitation where ticks may harbor or frequent.

ANTS:

Make spot, crack and crevice and/or void applications where ants may be foraging and/or nesting, such as around doors or window frames, under sinks, around pipes, attic venting and other areas where ants may find access or nest.

FIRE ANT CONTROL:

Treat individual mounds with a drench application using a watering can. Use 1.2 fl. oz. OneGuard Multi MoA Concentrate per 2.5 gallons of water. Thoroughly soak each mound and a 3 ft. diameter circle around each mound. Gently apply the mixture to avoid disturbing the mound. Disturbing the mound may cause the ants to migrate and reduce the effectiveness of the treatment. For best results apply in the early morning or late evening hours. Applications can be made on a monthly basis to maintain protection of treated areas.

CRAWLING PESTS SUCH AS COCKROACHES, CRICKETS, MILLIPEDES, EARWIGS, SILVERFISH AND SPIDERS:

Make spot and/or crack and crevice applications into harborage areas, cracks and crevice, entry points, under refrigerators, vending machines, around pipe and along baseboards.

EXAMPLES OF DILUTIONS FOR STRUCTURAL PERIMETER BARRIER APPLICATIONS

Application Volume: Gallons of Solution Per 1,000 sq. ft.	Application Rate: Fluid ounces of OneGuard Multi MoA Concentrate Per 1,000 sq. ft.	Fluid Ounces of OneGuard Multi MoA Concentrate to Dilute in Water According to Spray Tank Volumes		
		5 gallons	10 gallons	50 gallons
1 gallon	1.0 fl. oz. 1.5 fl. oz. 2.0 fl. oz.	5.0 fl. oz. 7.5 fl. oz. 10.0 fl. oz.	10.0 fl. oz. 15.0 fl. oz. 20.0 fl. oz.	50.0 fl. oz. 75.0 fl. oz. 100.0 fl. oz.
2 gallon	1.0 fl. oz. 1.5 fl. oz. 2.0 fl. oz.	2.5 fl. oz. 3.75 fl. oz. 5.0 fl. oz.	5.0 fl. oz. 7.5 fl. oz. 10.0 fl. oz.	25.0 fl. oz. 37.5 fl. oz. 50.0 fl. oz.
5 gallon	1.0 fl. oz. 1.5 fl. oz. 2.0 fl. oz.	1.0 fl. oz. 1.5 fl. oz. 2.0 fl. oz.	2.0 fl. oz. 3.0 fl. oz. 4.0 fl. oz.	10.0 fl. oz. 15.0 fl. oz. 20.0 fl. oz.

EXAMPLES OF DILUTIONS FOR SPRAY RIGS

Fluid ounces of OneGuard Multi MoA Concentrate to Dilute in Water	Gallons of Water	Square Feet of Coverage
2 fl. oz.	5 gallons	2,000 sq. ft.
4 fl. oz.	10 gallons	4,000 sq. ft.
8 fl. oz.	25 gallons	8,000 sq. ft.
16 fl. oz.	50 gallons	16,000 sq. ft.
32 fl. oz.	100 gallons	32,000 sq. ft.

INDOOR USE

Application Site	Pest	Dilution Rate In Water	Application Method(s)
Non-Food Handling	Ants, Asian lady beetles, beetles, carpet beetles, clothes moths, cockroaches, crane flies, drain flies, firebrats, fleas, flies, fruit flies, house flies, phorid flies, psocids, silverfish, spiders, stored product pests, ticks	1.0 fl. oz. to 2.0 fl. oz. per gallon or 1.0 fl. oz. to 2.0 fl. oz. in sufficient water to cover 1,000 sq. ft.	Spot, crack and crevice treatment Surface spray treatment
	Scorpions	2.0 fl. oz. per gallon or 2.0 fl. oz. in sufficient water to cover 1,000 sq. ft.	Spot, crack and crevice treatment Surface spray treatment
Food-Handling ⁵	Ants, cockroaches, crane flies, drain flies, flies, fruit flies, house flies, phorid flies, stored product pests	1.0 fl. oz. to 2.0 fl. oz. per gallon or 1.0 fl. oz. to 2.0 fl. oz. in sufficient water to cover 1,000 sq. ft.	Spot, crack and crevice treatment Surface spray treatment

⁵Do not apply when food-processing facility is in operation or foods are exposed. Do not apply this spray to surfaces or utensils that may come into contact with food.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear protective safety glasses and the following additional PPE:

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- Long-sleeved shirt,
- Long pants,
- Chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber, or Viton, and
- Shoes and socks.

In addition to the above PPE, applicators using a high pressure hand wand in an enclosed area must wear at least a NIOSH-approved respirator with:

- A particulate filter with any N, R or P filter with NIOSH approval prefix TC-84A, or a NIOSH-approved powered air purifying respirator with HE filter with NIOSH approval number TC-21C.

In addition to the above PPE, applicators using handheld foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- A NIOSH-approved respirator with an organic vapor cartridge with a combination N, R or P filter with NIOSH approval prefix TC-84A, or
- A NIOSH-approved gas mask with a canister with NIOSH approval number prefix TC-14G, or
- A powered air purifying respirator with organic vapor cartridge and combination HE filter with NIOSH approval number prefix TC-23C.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively foraging in the treatment area.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not apply this product around electrical equipment due to the possibility of shock hazard.

FIRST AID

IF SWALLOWED:

- Call a 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 by a poison control center or doctor.
- Do not give anything 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.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE:

Keep this product in a tightly closed container, when not in use. Store in a cool, dry (preferably locked) area. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, feed, seed, fertilizers, and veterinary supplies. Place formulations on lower shelves and dry formulations above.

PESTICIDE DISPOSAL:

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

CONTAINER HANDLING:

Non-refillable container. Do not reuse or refill this container.

For containers with capacities equal to or less than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

For containers with capacities greater than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closers. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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 **MGK®**

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