



PREVASYN™

Insect Repellent / Insecticide

Has a repellent effect on soft bodied insects and mites

ACTIVE INGREDIENTS:

Capsicum oleoresin extract*	7.6%
Garlic oil	23.4%
Soybean oil	59.3%

OTHER INGREDIENTS:	9.7%
TOTAL:	100.0%

*Contains 0.26% nominal concentration of Capsaicin and related capsaicinoids.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back booklet label for additional directions for use, precautionary statements and first aid.



LB8580

NET CONTENTS 1 Quart (946 ml)

PC0815 168mm



**GENERAL
HYDROPONICS**
PREVASYN™
Insect Repellant / Insecticide

FIRST AID

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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-839-8518 for emergency medical treatment information.

General Hydroponics PREVASYN™ Insect Repellant/Insecticide has a repellent effect on soft bodied insects and mites.

Increases pest vulnerability to insecticides or miticides.

This product acts on contact to weaken the cuticle of some immature stages of insect and mite pests.

For best preventative results, this product must be applied at least once a week on a regular and continuous basis.

The repellent effect of this product protects the crops from pest population establishment by its anti-feedant and anti-egg laying properties.



LB8831

EPA Reg No. 91865-1
EPA Est No. 239-IA-3, 239-MS-1^M, 91865-CA-1^M
Superscript used is first letter of lot code

Sold By: General Hydroponics
2877 Giffen Ave, Santa Rosa CA 95407
(800) 374-9376



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10102-2112-1 P022117am

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. 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. Remove and wash contaminated clothing before reuse. Wear chemical resistant gloves. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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

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

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Read all Directions for Use carefully before applying

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses, and handlers of agricultural 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) and restricted-entry interval. The requirements in this box only 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 4 hours.

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

- Coveralls
- Waterproof gloves
- Shoes plus socks

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow people (or pets) to enter the treated area until sprays have dried.

USE INFORMATION

This product is a repellent and insecticide formulated using concentrated plant extracts that can be used alone as a repellent or in tank mixes with other biological or conventional insecticides or miticides to improve the level of control.

The repellent effect of this product protects the crops from pest population establishment by its antifeedant and anti-egg laying properties. The irritant effect of this product increases pest mobility, exposure and vulnerability to insecticides or miticides that act on contact. This product weakens the cuticle of some immature stages of insect and mite pests.

Read all directions before using this product. Apply this product directly to any food or non-food crop growing in field and greenhouses up to and including the day of harvest, at a maximum rate of

5 pints per acre. Refer to the Insecticidal and Miticidal Uses Section for a complete listing of crops.

MIXING AND APPLICATION

GROUND APPLICATIONS:

This product has a repellent and irritant effect on adult and immature stages of soft bodied insects and mites

- Apply with most types of ground spray equipment.
- This product must come into contact with the targeted pests to be effective. For best results coverage typically requires a minimum of 10 gallons of total spray volume per acre. Higher volumes will be required for larger perennial crops.
- For best preventive results, this product must be applied at least once a week on a regular and continuous basis.
- When pest pressure is heavy or plant canopy is dense, use higher rates and increase spray frequency. Repeat application if measurable rain occurs within two to three hours of spraying.

PHYTOTOXICITY: This product has been evaluated for phytotoxicity on a wide range of crops and ornamentals. However, since testing on all varieties of all crops and ornamentals is not feasible, testing a small portion of the area to be treated for phytotoxicity is recommended before treating the entire area. Further, all possible combinations or sequences of pesticide sprays, including other fertilizers, surfactants, adjuvants and other pesticides, have not been tested, thus testing for phytotoxicity of spray mixtures is recommended. It is further recommended that spray equipment used to apply this product be thoroughly cleaned before use. The addition of spray adjuvants enhances control in some crops under ideal conditions. Addition of certain adjuvants may cause phytotoxicity therefore, the addition of crop oils and other adjuvants should be thoroughly tested before using. The addition of crop oils to spray mixtures is NOT recommended on ornamental crops. Captan, Bordeaux mixtures, and highly alkaline products can cause unacceptable phytotoxicity and/or reduced effectiveness on target pests. Avoid tank mix combinations of this product with compounds known to be incompatible with oil-based formulation to prevent phytotoxicity. "Waxy bloom" on certain crops and ornamental plants may be reduced after a GENERAL HYDROPONICS PREVASYN INSECT REPELLANT / INSECTICIDE application.

PREHARVEST INTERVAL: This product can be applied up to and including the day of harvest.

INSECTICIDAL AND MITICIDAL USES

Use this product as a foliar spray to repel and suppress pests. For best results use at lower rates when pest pressure is low or use as a preventative management tool in an integrated pest management system. When pest pressure is high use the product alone at its medium to high rates or tank mix with other contact insecticides or miticides.

RATES

Rates here indicated are for uses in agricultural and ornamental crops grown in the field or in greenhouses.

Stand-Alone:

- Dilute up to 5 pints of this product per acre and apply by spraying every 4 -7 days, when used as a preventative management tool or in an integrated pest management system.
- For best results use a spreader/sticker with this product when applied alone.
- When tank mixing, read and carefully follow all applicable use directions, precautions, and limitations on the respective product labels. In interpreting all labels for the tank mix, the most restrictive situations must apply.
- When pest pressure is heavier or canopy is dense, use higher rates and consider tank mixes with other insecticides or miticides.

Tank Mix:

- When tank mixed with other insecticides or miticides this product will provide improved levels of control by increasing pest exposure to those products due to its irritant effect.
- Mix this product at a rate of 7 to 14 ounces per acre with other chemical or biological insecticides or miticides. Follow the use directions of all products used in the tank mix including use directions and additive/adjuvant requirements or constraints.

GREENHOUSE AND ORNAMENTAL USES

Stand Alone:

- Dilute up to 5 pints of this product per 100 gallons of water and apply by spraying every 4-7 days when used as a preventative management tool or in an integrated pest management system.
- For best results use a spreader sticker with this product when applied alone.
- When tank mixing, read and carefully follow all applicable use directions, precautions and limitations on the respective product labels. In interpreting all labels for the tank mix, the most restrictive situations must apply.
- When pest pressure is heavier, use higher rates and consider tank mixes with other insecticides or miticides.

Tank Mix:

- When tank mixed with other insecticides or miticides this product will provide improved levels of control increasing pest exposure to those products due to its irritant effect.
- Mix this product at a rate of 4 up to 14 ounces per 100 gallons of water with other chemical or biological insecticides or miticides.
- When pest pressure is heavier, use higher rates.

TARGETED PESTS:

Use this product in a foliar spray to repel or suppress soft bodied pests.

- Mites (such as Tetranychus spp., Oligonychus spp., Panonychus spp., Polyphagotarsonemus latus, Phyllocoptura oleivora, Brevipalpus phoenicis, Steneotarsonemus spinki)
- Thrips (such as Thrips spp., Frankliniella spp., Heliothrips spp., Scirtothrips citri.)
- Psyllids (such as Bactericera spp., Diaphorina citri, Cacopsylla spp.)
- Leafhoppers (such as Empoasca spp., Macrosteles spp., and Graphocephala spp.)
- Lepidoptera larvae (such as Spodoptera spp., Helicoverpa spp., Tula absouita, Thecla spp., Strymon basilides)
- White flies (such as Dialeurodes spp., Trialeurodes spp., Bemisia spp.)
- Other pests such as borers (Hypothenemus hampei), mealybugs (Planococcus spp., Pseudococcus spp., Dysmicoccus brevipes) and plant bugs (Leptoglossus spp., Nezara spp.)

CROP GROUPS	USE SITES
TOBACCO	
FRUITING VEGETABLES	Eggplant, Groundcherry, Pepino, Pepper (including bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, Tomato
HERBS AND SPICES GROUP	Allspice, Angelica, Anise (anise seed and star), Annatto (seed), Balm (lemon balm), Basil, Borage, Bumet, Chamomile, Caper buds, Caraway, Caraway (black), Cardamom, Cassia bark, Cassia buds, Catnip, Celery seed, Chervil (dried), Chive, Chinese Chive, Cinnamon, Clary, Clove buds, Coriander (cilantro or Chinese parsley - leaf), Coriander (cilantro-seed), Costmary, Cilantro (leaf and seed), Cumin, Curry (leaf), Dill (Dillweed and seed), Fennel (common, Florence), Fenugreek, Grains of paradise, Horehound, Hyssop, Juniper berry, Lavender, Lemongrass, Lovage (leaf and seed), Mace, Marigold, Marjoram, Mustard (seed), Nasturtium, Nutmeg, Parsley (dried), Pennyroyal, Pepper (black and white), Poppy (seed), Rosemary, Rue, Saffron, Sage, Savory (summer and winter), Sweet bay (bay leaf), Tansy, Tarragon, Thyme, Vanilla, Wintergreen, Woodruff, Wormwood
BRASSICA(COLE) LEAFY VEGETABLES	Amaranth, Arugula, Broccoli, Broccoli raab (rapini), Brussels Sprouts, Cabbage, Cauliflower, Cardoon, Cavalo broccoli, Celery, Chinese Broccoli (gai lan), Chinese Cabbage (bok choy, Napa), Chinese mustard Cabbage (gai choy), Chinese Celery, Celtuce, Chervil, Chrysanthemum (edible-leaved, Garland), Collards, Corn salad, Cress (garden, upland), Dandelion, Dock (sorrel), Endive (escarole), Fennel (florence), Kale, Kohlrabi, Lettuce (head and leaf), Mizuna, Mustard Greens, Mustard Spinach, Orach, Parsley, Purslane (garden, winter), Radicchio (red chicory), Rape Greens, Rhubarb, Spinach, Spinach (New Zealand, vine), Swiss Chard, Turnip Greens

GREENHOUSE

USE SITES	COMMENT
GREENHOUSE VEGETABLE PRODUCTION	Tomatoes, cucumbers, leaf and Bibb lettuces, bell peppers, eggplant, and herbs and grown vegetables in greenhouses.

ORNAMENTAL

USE SITES	REPRESENTATIVE COMMODITIES
ORNAMENTAL SHRUBS AND PLANTS	Amaranthus, Aster, Azalea, Ferns, Fuchsias, Caladium, Carnation, Chrysanthemum, Dahlia, Daisy, Lilies, Ivy, Ficus, Gardenia, Impatiens, Iris, Jasmine, Lilac, Marigold, Philodendron, Poinsettia, Rose, Zinnia
ORNAMENTAL TREES	Ash, Birch, Cedar, Cypress, Dogwood, Fir, Elm, Juniper, Maple, Oak, Pine, Spruce

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place away from heat or open flame.

Pesticide Disposal: To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling:

Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. 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 1/4 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

KEEP OUT OF REACH OF CHILDREN

FIRST AID

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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-839-8518 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. 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. Remove and wash contaminated clothing before reuse. Wear chemical resistant gloves. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

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 the pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems.

DIRECTIONS FOR USE

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

HOME AND GARDEN USE DIRECTIONS

This product is a repellent and insecticide that can be used alone as a repellent or in tank mixes with other biological or conventional insecticides or miticides to improve the level of control.

The repellent effect of this product protects the crops from pest population establishment by its antifeedant and anti-egg laying properties.

The irritant effect of this product increases pest mobility, exposure and vulnerability to insecticides or miticides that act on contact. This product weakens the cuticle of some immature stages of insect and mite pests.

Use as a foliar spray to repel and suppress pests. For best results use at lower rates when pest

pressure is low or use as a preventative management tool or integrated pest management system. When pest pressure is high use the product alone at its medium to high rates or tank mix with other contact insecticides or miticides.

WHEN TO USE

For best results, apply this product before populations reach damaging levels or when egg deposition is observed.

BEFORE YOU USE

Read and follow these directions when using:

- Do not allow spray to drift from application site
- Use only with pressurized hand-held sprayers or spray trigger bottles.
- Do not allow spray mixture to stand overnight or for prolonged periods.
- For best results use a spreader/sticker (adjuvant) to increase the efficiency of this product.

This product has been found to be compatible with most commonly used pesticides. To test for compatibility, mix a small amount of each product, in the appropriate proportions, in a small jar.

Some pesticides can cause phytotoxic effects ranging from slight burning or browning of leaves to distorted leaves, fruit, flowers or stems. Damage symptoms can vary with the type of plant that has been treated. It is impossible to test all plant species for phytotoxicity. To assure that the plants to be treated are not sensitive to the treatment, apply a small amount of the product to a few leaves or the above ground portion of the plant and check back in 2-4 days for signs of phytotoxicity.

HOW TO USE FOR HAND-HELD SPRAYERS AND SPRAY TRIGGER BOTTLES

- Fill sprayer or bottle with appropriate amount of water and concentrate.
- Mix the spray solution thoroughly.
- Keep the spray solution agitated during application.

HOW MUCH TO USE FOR ALL APPLICATIONS

½ - 1 teaspoons of this product per gallon of water, 1 gallon of mixture will cover approximately 350 sq. ft.

INSECTS REPELLED ON VEGETABLES, ORNAMENTAL PLANTS, TREES, SHRUBS, FLOWERS AND FOLIAGE

Use as a foliar spray to control or suppress soft bodied pests such as thrips, mites, lepidopteran larvae and mealybugs. The repellent action of the product has also proven to be effective on some weevils, thorn bugs, psyllids, leafhoppers and spittlebugs.

TARGETED PESTS:

Use this product in a foliar spray to repel or suppress soft bodied pests.

- Mites (such as Tetranychus spp., Oligonychus spp., Panonychus spp., Polyphagotarsonemus latus,
Phyllocoptura oleivora, Brevipalpus phoenicis, Steneotarsonemus spinki)
- Thrips (such as Thrips spp., Frankliniella spp., Heliothrips spp., Scirtothrips citri.)
- Psyllids (such as Bactericera spp., Diaphorina citri, Cacopsylla spp.)
- Leafhoppers (such as Empoasca spp., Macrosteles spp., and Graphocephala spp.)
- Lepidoptera larvae (such as Spodoptera spp., Helicoverpa spp., Tuta absolute, Thecla spp, Strymon basilides)
- White flies (such as Dialeurodes spp., Trialeurodes spp. Bemisia spp.)
- Other pests such as borers (Hypothenemus hampei), mealybugs (Planococcus spp., Pseudococcus spp., Dysmicoccus brevipes) and plant bugs (Leptoglossus spp, Nezara spp.)

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place away from heat or open flame.

Pesticide Disposal: To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling:

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NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

Important: Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our directions for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of General Hydroponics. All such risks shall be assumed by the Buyer and User. General Hydroponics warrants that this product conforms to the specifications on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, GENERAL HYDROPONICS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, GENERAL HYDROPONICS' EXCLUSIVE LIABILITY FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER IN CONTRACT, WARRANTY, TORT NEGLIGENCE, OR ANY OTHER LEGAL THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT, AT GENERAL HYDROPONICS' SOLE DISCRETION.

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