UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 2, 2020

Tracey Angel
Regulatory Analyst
Hawthorne Hydroponics LLC dba General Hydroponics
2877 Giffen Avenue,
Santa Rosa, CA 95407

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Add Supplemental Labeling for Hemp
Product Name: GH DNMT
EPA Registration Number: 91865-3
Application Date: 12/19/2019
OPP Decision Number: 558721

Dear Ms. Angel:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval is only for supplemental labeling that is an addendum to the master labeling. This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

This supplemental labeling contains some new and/or revised uses and/or directions that may be additional to the uses and/or directions found on the label on or attached to the container, but this supplemental labeling does not by itself constitute the complete set of use directions. The complete set of use directions is set forth on the container label as combined with this supplemental labeling.

A stamped copy of your labeling is enclosed for your records. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Alex Boukedes by phone at (703) 347-0305 or via email at boukedes.alexandra@epa.gov.

Sincerely,

Susanne Cerrelli, Acting Product Manager 92
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

GH DNMT

Aqueous Suspension Biofungicide/Bactericide
Concentrate

ACTIVE INGREDIENT:	
Bacillus amyloliquefaciens strain D747*	98.85%
OTHER INGREDIENTS:	1.15%
Total	100.00%

*Contains a minimum of 1 x 10^{10} colony-forming units (cfu) per milliliter of product.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See back/side/top/bottom/booklet [panel/label] for [additional] directions for use/precautions/precautionary statements/first aid [statements].

NET CONTENTS XX.XX fl oz (X.XX L)

***Alternate Brand Names*:**

- GENERAL HYDROPONICS DEFGUARD
- GENERAL HYDROPONICS DEFGUARD BIOFUNGICIDE / BACTERICIDE
- GENERAL HYDROPONICS DEFGARD BIOFUNGICIDE / BACTERICIDE
- GENERAL HYDROPONICS BLACK SHIELD BIOFUNGICIDE / BACTERICIDE
- GENERAL HYDROPONICS PHASE-OUT BIOFUNGICIDE / BACTERICIDE

***Alternate Brand Names Sublabel A*:**

- GENERAL HYDROPONICS DEFGUARD PRO BIOFUNGICIDE / BACTERICIDE
- GENERAL HYDROPONICS DEFGUARD BIOFUNGICIDE / BACTERICIDE PRO

***Alternate Brand Names Sublabel B Residential Use*:**

- GENERAL HYDROPONICS DEFGUARD BIOFUNGICIDE / BACTERICIDE$_1$
- GENERAL HYDROPONICS DEFGUARD BIOFUNGICIDE / BACTERICIDE$_2$

EPA Reg. No. 91865-3
EPA Est. No. XXX-XX-X ***(insert EPA Registered Establishment Number(s))***
[Superscript used is first letter of lot code]

[Sold by:] ***General Hydroponics, 2877 Giffen Ave., Santa Rosa, CA, 95407***

SUBLABEL A

GH DNMT

Aqueous Suspension Biofungicide/Bactericide

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Bacillus amyloliquefaciens strain D747*.....98.85%
OTHER INGREDIENTS:..... 1.15%
Total 100.00%

*Contains a minimum of 1 x 10^{10} colony-forming units (cfu) per milliliter of product.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See back/side/top/bottom/booklet [panel/label] for [additional] directions for use/precautions/precautionary statements/first aid [statements].

NET CONTENTS XX.XX fl oz (X.XX L)

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.
If in eyes	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	• Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. • 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. For medical emergencies call 1-877-465-5161	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION
Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Harmful if inhaled. Avoid breathing spray mist. 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Applicators and other handlers must wear:

Long-sleeved shirt and long pants
Waterproof gloves
Shoes plus socks
Mixer/loaders and applicators must wear a NIOSH approved particulate filter with any N,R, P filter with NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C.
Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

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

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides, (40CFR 170.607 (d) and (e) (f for aerial application), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

User should:

- Remove clothing/PPE immediately if pesticides get 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 high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply when weather conditions favor drift or runoff from treated areas.

PRODUCT INFORMATION
GH DNMT is a broad-spectrum preventative biofungicide/bactericide for control or suppression of fungal and bacterial plant diseases. The active ingredient of GH DNMT is a strain (D747) of the beneficial bacterium *Bacillus amyloliquefaciens*. GH DNMT also colonizes plant root hairs, preventing establishment of disease-causing fungi and bacteria.

GH DNMT can be applied alone or in combination and/or rotation with chemical fungicides as a tool for integrated disease management in agricultural crops, hemp, ornamental and nursery plants, and turfgrass. GH DNMT offers a valuable tool for management of resistance to chemical fungicides through its multiple and unique modes of action.

GH DNMT can be applied up to and including the day of harvest.

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.

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, and 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 intervals. 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 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: coveralls, chemical resistant gloves (made of any waterproof material), shoes plus socks.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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. Keep unprotected persons out of treated areas until sprays have dried.

MIXING AND HANDLING INSTRUCTIONS

Mix the required amount of GH DNMT in water with sufficient agitation to maintain a uniform suspension in the spray or mixing tank. Tank should be cleaned prior to use. Do not use highly alkaline or highly acidic water to mix sprays. Use a buffering agent if necessary to maintain neutrality (pH 6 to 8) of water in the tank. Maintain agitation during application. Apply immediately after mixing; do not allow spray mix to stand overnight.

GH DNMT can be mixed and used with other agricultural chemicals for which such mixing is permitted by the product labels, in accordance with the most restrictive of those label limitations and precautions. If such a mixture is planned, a compatibility "jar test" should first be conducted by mixing the correct proportions of GH DNMT and these products in a small volume of water.

APPLICATION METHODS

Ground: GH DNMT can be applied in most commonly-used ground application equipment, such as (but not limited to): tractor-mounted boom, airblast, high clearance, hose-end, backpack, and other pressurized sprayers; hose-end or hand-held sprayers; foggers or mist blowers; water wheel and other drench applicators; and shank or other soil injection method.
Aerial: GH DNMT can be applied by fixed or rotary winged aircraft in a minimum of 3 gallons of water per acre. Standard precautions should be taken to minimize spray drift.
Chemigation: GH DNMT can be applied through drip (trickle) and sprinkler-type irrigation equipment. Refer to the section entitled "Chemigation Instructions" for detailed instructions.

CROPS	DISEASES/PATHOGENS (See footnotes for additional information)
Vegetables and melons	
Brassica vegetables such as broccoli, cabbage, cauliflower, Brussels sprouts, kohlrabi, and other cole crops. (including those grown for seed production).	Pin rot complex (*Alternaria/Xanthomonas*)* Leaf spots (*Alternaria* spp., *Xanthomonas* spp.) Downy mildew (*Peronospora* spp.) Powdery mildew (*Erisyphe polygoni*) See instructions below for "Soil application" against the following diseases: "Damping off," seedling blights, and root or crown diseases caused by *Pythium, Rhizoctonia, Fusarium, Phytophthora,* or *Verticillium** spp.
Bulb vegetables such as onions, garlic, shallots, and others. (including those grown for seed production).	*Botrytis* spp. (neck rot, leaf blight) Purple blotch (*Alternaria* spp.) Downy mildew (*Peronospora* spp.) Powdery mildew (*Erisyphe* spp.) Rust (*Puccinia pori*)* See instructions below for "Soil application" against the following diseases: "Damping off," seedling blights, and root or crown diseases caused by *Pythium, Rhizoctonia, Fusarium, Phytophthora*, or *Verticillium** spp.
Cucurbits such as cucumbers, squash (all types), cantaloupes, muskmelons, watermelons. and other melons. (including those grown for seed production).	Powdery mildew (*Erisyphe* and *Sphaerotheca* spp.) Downy mildew (*Pseudoperonospora* spp.) Gummy stem blight (*Didymella bryoniae* and *Phoma cucurbitacearum*) See instructions below for "Soil application" against the following diseases: Vine decline (*Monosporascus cannonballus*)** Charcoal rot (*Macrophomina phaseoli*) ** "Damping off," seedling blights, and root or crown diseases caused by *Pythium, Rhizoctonia, Fusarium, Phytophthora*, or *Verticillium** spp.
Fruiting vegetables such as tomatoes, peppers, eggplant, tomatillo, okra, and others. (including those grown for seed production).	Bacterial spot (*Xanthomonas* spp.)*[1] Bacterial speck (*Pseudomonas syringae pv. tomato*)*[1] Gray mold (*Botrytis cinerea*) Powdery mildew* (*Leveillula, Oidiopsis, Erisyphe, and Sphaerotheca* spp.) Early blight (*Alternaria solani*)* Late blight (*Phytophthora infestans*)* See instructions below for "Soil application" against the following diseases: "Damping off," seedling blights, and root or crown diseases caused by *Pythium, Rhizoctonia, Fusarium, Phytophthora*, or *Verticillium** spp. Southern blight (*Sclerotium rolfsii*)* and **
Leafy vegetables such as head and leaf lettuce, celery, spinach, radicchio, arugula, watercress, and others (including leafy Brassica vegetables such as mustard and collard greens, kale, bok choi, and related crops). (including those grown for seed production).	Downy mildew (*Bremia lactucae, Peronospora* spp.)* Powdery mildew (*Golovinomyces* (*Erisyphe*) *cichoracearum*)* Bacterial blights Head and leaf drop (*Sclerotinia* spp.)[2] Pink rot (*Sclerotinia sclerotiorum*)[2] Leaf spots (*Cercospora* spp.) See instructions below for "Soil application" against the following diseases: "Damping off," seedling blights, and root or crown diseases caused by *Pythium, Rhizoctonia, Fusarium, Phytophthora*, or *Verticillium** spp. Bottom rot (*Rhizoctonia solani*)

Legume vegetables succulent and dried beans and peas such as green, snap, shell, and Lima beans, garbanzo beans, chickpeas, soybeans, dry beans, peas, split peas, lentils, and other legumes. (including those grown for seed production).	White mold (*Sclerotinia sclerotiorum*)[2] Gray mold (*Botrytis cinerea*) Powdery mildew (*Microsphaera diffusa*) Rusts*, including *Uromyces appendiculatus, Puccinia* spp., and Asian soybean rust (*Phayospora pachyrhizi*) See instructions below for "Soil application" against the following diseases: "Damping off," seedling blights, and root or crown diseases caused by *Pythium, Rhizoctonia, Fusarium, Phytophthora,* or *Verticillium** spp.
Root, tuber, and corm vegetables such as potato, sweet potato, carrot, cassava, beets, ginger, radish, horseradish[22], ginseng, turnip, and other root, tuber and corm crops. (including those grown for seed production).	Black root/crown rot (*Alternaria* spp.) Bacterial leaf blight (*Xanthomonas campestris*) Downy mildew (*Peronospora spp.*) Powdery mildew (*Erisyphe spp.*) Gray mold (*Botrytis spp.*) White mold (*Sclerotinia sclerotiorum*)[2] Black leg /bacterial soft rot (*Erwinia carotovora*)** Early blight (*Alternaria solani*)* Late blight (*Phytophthora infestans*)* See instructions below for "Soil application" against the following diseases: Black scurf (*Rhizoctonia solani*) Cavity spot (*Pythium* spp.) "Damping off," seedling blights, and root or crown diseases caused by *Pythium, Rhizoctonia, Fusarium, Phytophthora*, or *Verticillium** spp.
Other vegetables sweet corn, popcorn, asparagus, peanut, and watercress	*Botrytis spp.* Rusts (*Puccinia spp.*) White mold (*Sclerotinia sclerotiorum*)2 Leaf spots (*Cercospora and Cercosporidium* spp.)* See instructions below for "Soil application" against the following diseases: "Damping off," seedling blights, and root or crown diseases caused by *Pythium, Rhizoctonia, Fusarium, Phytophthora*, or *Verticillium* spp*.
Trees fruits and nuts	
Citrus such as orange, lemon, lime, grapefruit, tangerine (mandarin), tangelo, pummelo, and other citrus	Alternaria leaf spot (*Alternaria alternata*) Postbloom fruit drop (*Colletotrichum acutatum*)* Greasy spot (*Mycosphaerella citri*)*[3] Citrus canker (*Xanthomonas campestris pv. citri*)1 Scab (*Elsinoe fawcetti*)*[4] Melanose (*Diaporthe citri*)*
Pome fruits such as apple, pear, crabapple, quince, and others	Powdery mildew (*Podosphaera leucotricha*)[5] Scab (*Venturia spp.*)* Flyspeck (*Zygophiala jamaicensis*)[6]** Sooty blotch disease complex[6]** Brooks spot (*Mycosphaerella pomi*)[6]** Bot rot/white rot (*Botryosphaeria dothidea*)[6]** Bitter rot (*Colletotrichum spp.*)[6] Cedar apple rust (*Gymnosporangium juniperi-virginianae*)[6]** Fire blight (*Erwinia amylovora*)*[7]
Stone fruits such as apricot, cherry, nectarine, peach, plum, prune, pluot, and others	Powdery mildew (*Sphaerotheca and Podosphaera* spp.)*[8] Bacterial canker (*Pseudomonas spp.*) Brown rot blossom blight (*Monilinia laxa*)[9] Brown rot (*Monilinia fructicola*)*[10] Gray mold (*Botrytis cinerea*)[10] Peach leaf curl (*Taphrina deformans*) Bacterial leaf spot (*Xanthomonas arbicola pv. pruni*)[1] Rusty spot (*Podosphaera leucotricha*)[1]
Tree nuts such as almond, pistachio, pecan, walnut, filbert, hazelnut, chestnut, macadamia, and other tree nuts.	Walnut blight (*Xanthomonas campestris*)[11] Anthracnose (*Colletotrichum acutatum*)* Bacterial canker (*Pseudomonas syringae*) Shot hole (*Wilsonomyces carpophilus*)* Brown rot (*Monilinia spp.*)* Pecan scab (*Cladosprium caryigenum*)*[1] and **
Pomegranates	Leaf and fruit spots (*Cercospora, Gloeosporium* and *Pestalotia* spp.)[1] Fruit rots (*Alternaria, Botrytis*, and other spp.)[10] Powdery mildew (*Sphaerotheca pannosa*)
Other Fruits	
Strawberry	Powdery mildew (*Sphaerotheca macularis, Erisyphe* spp.)*[12] Gray mold (*Botrytis cinerea*)*[11] Anthracnose (*Colletotrichum acutatum*) Angular leaf spot (*Xanthomonas fragariae*)[1] For the following diseases, see instructions below for "Soil application" (and also root dip instructions[22]):

	"Damping off" and root or crown diseases caused by *Rhizoctonia, Fusarium,Pythium, Phytophthora,* and/or *Verticillium** spp. Charcoal rot (*Macrophomina phaseolina*)**
Other Fruits (cont.)	
Berries, including blueberry, blackberry, raspberry, loganberry, huckleberry, kiwifruit, gooseberry, elderberry, cranberry (non-flooded fields), currant, and other berries	Mummy berry (*Monilinia vaccinii-corymbosi*)* Botrytis blight (*Botrytis cinerea*) Bacterial canker (*Pseudomonas* spp.)[13] Anthracnose fruit rot (*Colletotrichum acutatum*)[10] Sclerotinia (*Sclerotinia sclerotiorum*)
Grapes including wine grapes, table grapes, and raisins	Powdery mildew (*Erisyphe* (formerly *Uncinula*) *necator*)[14] Gray mold (*Botrytis cinerea*)[15] Sour rot complex[15] Downy mildew (*Plasmopara viticola*)* Phomopsis (*Phomopsis viticola*)[16] Eutypa (*Eutypa lata*)[17]
Tropical fruits such as avocado[18], mango[18], papaya[19], pineapple[19], banana, plantain, and others.	Anthracnose (*Colletotrichum* spp.) Scab (*Sphaceloma perseae*) Bacterial canker (*Xanthomonas campestris*) Sigatoka (*Mycosphaerella fijiensis*)[20]
Other Crops	
Herbs and spices such as basil, thyme, coriander, dill, cilantro, parsley, mint, and others.	Powdery mildews (*Oidium* spp. and others) Downy mildews (*Peronospora* spp. and others)* Damping off diseases (*Rhizoctonia, Pythium, Alternaria*, and *Fusarium* spp.) Leaf spots (*Alternaria, Septoria, Colletotrichum*, and *Cercospora* spp.)* Bacterial diseases (*Erwinia, Xanthomonas*, and *Pseudomonas* spp.) Rusts (*Puccinia* spp. and others) See instructions below for "Soil application" against the following diseases: "Damping off" and root or crown diseases caused by Rhizoctonia, *Fusarium, Pythium, Phytophthora*, and/or *Verticillium** spp.
Coffee	Coffee berry disease (*Colletotrichum coffeanum*)[1] Coffee rust (*Hemileia vastatrix*)[1]** Anthracnose (*Colletotrichum* spp.) Botrytis flower blight Cercospora leaf spot** and berry blotch** See instructions below for "Soil application" against the following diseases: "Damping off" and root or crown diseases caused by *Rhizoctonia, Fusarium, Pythium, Phytophthora*, and/or *Verticillium** spp.
Tobacco	Angular leaf spot (*Pseudomonas* spp.) Anthracnose (*Colletotrichum* and *Glomerella* spp.) Blue mold or downy mildew (*Peronospora* spp.)* Brown spot (*Alternaria*) Barn spot/ frogeye leaf spot (*Cercospora nicotianae*)[10] Collar rot (*Sclerotinia slcerotiorum*)[2] Gray mold (*Botrytis cinerea*) Powdery mildew (*Erysiphe cichoracearum*) Target spot (*Rhizoctonia solani*) See instructions below for "Soil application" against the following diseases: "Damping off," seedling blights, and root or crown diseases caused by *Pythium, Rhizoctonia, Fusarium, Olpidium, Phytophthora*, or *Verticillium** spp. Charcoal rot (*Macrophomina phaseolina*) Black root rot (*Thielaviopsis basicola*) Black shank (*Phytophthora* spp.)* Southern blight/southern stem rot (*Sclerotium rolfsii*)*
Corn, including field corn, sweet corn, popcorn, sileage corn, seed corn, and other corn crops.	Common rust (*Puccinia sorghi*)* Southern leaf blight (*Bipolaris maydis/Cochliobolus heterostrophus/Helminthosporium maydis*)
****Cereal grains**, such as barley, millet, oats, rice, rye, sorghum, triticale, wheat, and other cereal grain crops (including those grown for seed).	Powdery mildew (*Erysiphe graminis*) Rust (*Puccinia* spp.)* Rice blast (*Pyricularia oryzae*) Sheath spot/blight (*Rhizoctonia* and *Thanatephorus* spp.) Smut (*Tilletia barclayana*) Bacterial blight/streak (*Xanthomonas* spp.) Stem rots (*Magnaporthe* and *Sclerotium* spp.) Cercospora leaf spot Brown rot/leaf spots/smuts (*Ceratobasidium, Cochliobolus, Dreschlera,* and *Entyloma* spp.)

Other Crops (cont.)	
****Oilseed crops,** including canola, castor, coconut, cotton, flax, oil palm, olive, peanut, rapeseed, safflower, sesame, sunflower, soybeans, and other oilseed crops, including those grown for seed production.	White mold/Stem rot (*Sclerotinia sclerotiorum*) Rusts*, including *Uromyces appendiculatus, Puccinia* spp., and Asian soybean rust (*Phayospora pachyrhizi*) Bacterial Speck (*Pseudomonas syringae pv.glycinea*) Bacterial Pustule (*Xanthamonas spp*.) Brown Spot (*Septoria glycines*) Cercospora Leaf Spot Pod and Stem Blights (*Diaporthe* and *Phomopsis* spp.) Downy Mildew (*Peronospora mansherica*)
Mint	Rust (*Puccinia* spp.)
Hops	Powdery mildew (*Sphaerotheca macularis*)[21]
Hemp	Powdery mildew (*Golovinomyces spadiceus*) Botrytis/Grey mold (*Botrytis cinerea*) Downy mildew (*Pseudoperonospora cannabina*) Pythium (*Pythium* spp.) "Damping off," seedling blights, and root or crown rot diseases caused by *Pythium, Rhizoctonia, Fusarium, Macrophomina phaseoli, Phytophthora*, or *Verticillium** spp. Hemp canker (*Sclerotinia sclerotiorum*) Yellow leaf spot (*Septoria* spp.) Brown blight (*Alternaria* spp.)
****Sugar beets** (including crops grown for seed production)	Leaf spots (*Cercospora* and *Ramularia* spp.) Powdery mildew (*Erysiphe* spp.) Rust (*Uromyces betae*)

Footnotes:

*Suppression only; for improved control mix or rotate with chemical fungicide approved for such use.

**** NOT FOR USE IN CALIFORNIA**

[1] Tank mix or rotate with copper-based fungicides at label rates for improved control.

[2] Apply at or immediately following planting (but before plant emergence) as a banded seedline treatment 4 to 6 inches wide. Make second application at thinning or cultivation in sufficient water and multiple nozzles to ensure thorough coverage of lower leaves and surrounding soil surface. Incorporation with light irrigation after application may improve disease control. Repeat at 10-14 day intervals if conditions promoting disease persist.

[3] For greasy spot suppression, apply at first new foliar flush and repeat with each new flush. Tank mix with spray oil or copper based fungicide at labeled rates.

[4] For suppression of citrus scab, start applications at first new foliage flush and repeat at petal fall and when fruit are ½ inch in diameter.

[5] Make first application at or before tight cluster if conditions favor disease development. Repeat at 7-10 day intervals through the second cover spray or longer on susceptible varieties or if environmental conditions favor rapid disease development.

[6] Begin applications before bloom when environmental conditions favor disease development, repeating at 7 to 14 day intervals or as needed. Control may be enhanced by addition of a surfactant to improve spray coverage. Use only surfactants known to be safe for use on the crop and for which such use is allowed.

[7] Rotate with antibiotics registered for fire blight control for improved performance. Begin applications at 1-5% open blossoms and repeat every 3-7 days as necessary until petal fall, when intervals can be increased to 7 days. GH DNMT can also be used in summer "cover spray" applications to control the shoot blight phase of fire blight and summer diseases. Can be mixed with copper fungicides to improve control.

[8] Make first application at popcorn stage and repeat every 7 days.

[9] Start applying at early bloom stage and repeat every 7 days through petal fall.

[10] Pre-harvest applications in sufficient water to cover fruit or other harvested plant parts may improve control of postharvest infections.

[11] Begin applications at or before pistillate bloom, repeating every 7-10 days. Apply before rainfall if possible, and tank mix or rotate with a copper-based bactericide registered for such use for improved control.

[12] Start applications at or just before flowering and repeat every 7-10 days as needed through harvest.

[13] Apply before fall rains and again during dormancy before spring growth.

[14] Start applications when new shoots are ½ to 1½ inches long. Repeat at 3-5 inches, 8-10 inches, and then at 7-10 day intervals until disease conditions no longer exist.

[15] Apply at bloom, before bunch closure, at veraison, and before harvest.

[16] Apply when shoots are ½ to 1 inch long and again when 6-8 inches long.

[17] Mix 2 fluid ounces GH DNMT per gallon of water and apply to pruning wounds.

[18] Apply at bud break and repeat on 14-21 day interval as needed through harvest.

[19] Apply at flowering and repeat on 14-21 day interval as needed through harvest

[20] Apply at first appearance of leaves and repeat at 7-21 day intervals as needed, in sufficient water to obtain thorough coverage of foliage. Tank mix with spray oil or other registered fungicides for improved control.

[21] Mix 6 to10 fluid ounces GH DNMT per 100 gallons of water and apply in minimum of 20 gallons per acre from emergence to training, 50 gallons per acre from training to wire, and 100 gallons per acre from wire touch through harvest.

[22] For treatment of horseradish or strawberry roots immediately before transplanting: immerse bare roots (individually or in bunches) for 10 seconds in a suspension of 1 to 2 pints GH DNMT per gallon of water.

Foliar application: For control of diseases on foliage, flowers, fruit, or other above-ground parts of plants: Mix GH DNMT in water and apply as a spray at a rate of **0.5 to 6 quarts** of GH DNMT per acre in sufficient water to achieve thorough coverage of the crop canopy with minimal runoff. Begin applications at crop emergence, transplanting, or when conditions are conducive to development of disease. Repeat application every 3 to 10 days, as needed, for as long as conditions favor disease development. Lower rates (0.5 to 3 quarts per acre) may be applied under light disease pressure, to smaller (e.g. newly-emerged) plants, or when GH DNMT is used in a tank mix with other fungicides whose labels allow such use. Under moderate to severe disease pressure, or when environmental conditions and plant stage are conducive to rapid disease development, use higher label rates (3-6 quarts/acre), apply more frequently (every 3-7 days), and mix or rotate GH DNMT with other fungicides for improved performance.

Soil application: For control of soilborne diseases infecting seeds, seedlings, roots, crown, stems, or other plant parts below ground or in contact with soil: Apply GH DNMT at **0.5 to 4.5 pints per acre**. Mix the required amount in sufficient water to apply by one of the following methods:

- Soil drench applied to transplants in flats or pots in the greenhouse or nursery any time prior to transplanting (see additional drench instructions under “Nurseries, greenhouses, shade houses, and ornamental plants” below).
- Soil drench at transplanting, using a “water wheel” injector, spray nozzles/hoses, or other method to drench each root ball and/or planting hole.
- Soil or seedline drench, or banded spray (in-furrow) at planting. See the section on “Banded (in-furrow) application” below for additional instructions.

Follow-up (post-planting) preventative applications can be made every 2-4 weeks by one or more of the following methods, if needed:

- Drip (trickle) or any type of sprinkler irrigation, any time after planting or transplanting. See Chemigation Instructions for additional information.
- Spray directly onto the soil surface and/or lower plant parts. If targeting root disease, follow immediately with sufficient overhead sprinkler irrigation to move GH DNMT to the root zone.
- Injection directly into the rooting zone using shanks or similar equipment.

Lower rates (0.5 to 2 pints of GH DNMT per acre) may be applied under light disease pressure, to smaller plants, or when GH DNMT is used in a tank mix with other fungicides whose labels allow such use. Under moderate to severe disease pressure, or when environmental conditions and plant stage are conducive to rapid disease development, use higher label rates (2 - 4.5 pints per acre), apply more frequently (every 2 weeks), and mix or rotate GH DNMT with other fungicides for improved performance.

Banded (in-furrow) application: Use the table below (rate GH DNMT per acre) to determine the correct application rate in fluid ounces per 1,000 row feet based on row spacing and desired rate per acre. Mix the required amount of GH DNMT in water and apply as banded spray (4” to 6” wide) or seedline drench centered over the planting furrow. Apply directly over seeds in the furrow just before they are covered with soil. The volume of water required per acre or per 1,000 row feet will depend on the application equipment used. Consult your local cooperative extension service if you need assistance calibrating band spraying equipment.

GH DNMT Rate/acre		**Space between rows (inches)**														
Pints	**Fl oz**	**12**	**14**	**16**	**18**	**20**	**22**	**24**	**26**	**28**	**30**	**32**	**34**	**36**	**38**	**40**
0.5	**8**	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
0.75	**12**	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9
1.0	**16**	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.2	1.2
1.25	**20**	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.5
1.5	**24**	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.8
1.75	**28**	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
2.0	**32**	0.7	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.4
2.25	**36**	0.8	1.0	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.8
2.5	**40**	0.9	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.9	3.1
2.75	**44**	1.0	1.2	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.4
3.0	**48**	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.8	2.9	3.1	3.3	3.5	3.7
3.25	**52**	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0
3.5	**56**	1.3	1.5	1.7	1.9	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.9	4.1	4.3
3.75	**60**	1.4	1.6	1.8	2.1	2.4	2.5	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.4	4.6
4.0	**64**	1.5	1.7	2.0	2.2	2.6	2.7	2.9	3.2	3.4	3.7	3.9	4.2	4.4	4.7	4.9
4.25	**68**	1.6	1.8	2.1	2.3	2.8	2.9	3.1	3.4	3.6	3.9	4.2	4.4	4.7	4.9	5.2
4.5	**72**	1.7	1.9	2.2	2.5	2.8	3.0	3.3	3.6	3.9	4.1	4.4	4.7	5.0	5.2	5.5

Nurseries, greenhouses, shadehouses, and ornamental plants

Spray application: Mix **0.5 to 6 quarts of GH DNMT per 100 gallons of water** and apply as a foliar spray of sufficient volume to wet the entire plant with minimal runoff. Begin preventative applications at plant emergence and repeat every 3-28 days as needed (every 3-7 days if disease pressure is high or environmental conditions are highly favorable to disease outbreak; every 10-28 days under low pressure or less conducive conditions).

Drench application: Mix **0.5 to 4.5 pints of GH DNMT per 100 gallons of water** and apply as a drench or coarse spray to soil or other growing media in pots, flats, plugs, trays, or planting beds, for control or suppression of soilborne diseases of seedlings, cuttings, bedding plants, and transplants (including vegetables and other transplanted food crops). Make first application at or immediately before seeding, sticking, germination, or transplanting. Repeat applications every 14-28 days as needed. Transplants can be treated immediately before transplanting into field soils to protect against damping-off and other diseases that reduce plant establishment.

Cutting or root dip: Dip basal end of cuttings or bare roots (individually or in bunches) in a suspension of **1 to 2 pints of GH DNMT per gallon of water**. Immerse for 5-10 seconds immediately before planting.

Chemigation: Mix **0.5 to 4.5 pints of GH DNMT per 100 gallons of water** and apply via drip, handheld, or sprinkler irrigation systems. Refer to "Chemigation Instructions" for more details.

CROPS/USE SITES	DISEASES/PATHOGENS
Indoor, outdoor, and shade- or other cover-grown ornamental trees and shrubs, flowering plants, foliage plants, tropical plants, potted plants, potted or cut flowers, bedding plants, forestry seedlings, conifer production for reforestation, fruit trees, vegetables, hemp and other crops grown in greenhouses or nurseries.	Powdery mildews caused by *Erisyphe, Podosphaera, Sphaerotheca, Oidium*, and *Golovinomyces* spp. Anthracnose (*Colletotrichum* spp.) Bacterial leaf spots caused by *Erwinia, Pseudomonas*, and *Xanthomonas* spp. Damping-off disease (*Rhizoctonia, Pythium, Fusarium* spp.) Late blight, blackeye, and root rots caused by *Phytophthora* spp. Gray mold and blight caused by *Botrytis cinerea* Black root rot (*Aspergillus* spp.) Black spot of roses (*Diplocarpon rosae*) Downy mildew (*Peronospora* spp.) Leaf spots caused by *Alternaria, Septoria, Cercospora, Entomosporium, Helminthosporium,* and *Myrothecium* spp.) Rust (*Puccinia* spp.) Scab (*Venturia* spp.) Root rot, bottom rot, or stem rot caused by *Rhizoctonia solani* *Sclerotinia* blight *Fusarium* wilts

Turfgrass application
For control of foliar diseases, apply GH DNMT at **1 to 4 fluid ounces per 1,000 square feet** as a ground-directed spray in sufficient water to provide thorough coverage. To control root and crown diseases in or on the soil, immediately follow the spray with sufficient overhead sprinkler irrigation to move the product into the root zone.

USE SITES/CROPS	DISEASES/PATHOGENS
Turf, sod, lawns, golf course (fairways, roughs, greens, tees), grass seed production Including but not limited to: Bluegrass, Bentgrass, Bermudagrass (common & hybrid), Dichondra, Fescue, Orchardgrass, Poa annua, St. Augustine grass, Ryegrass, Zoysia, mixtures, and other grasses or ornamental turf	Anthracnose (*Colletotrichum graminicola*) Brown patch (*Rhizoctonia solani*) Dollar spot (*Lanzia* and *Moellerodiscus* spp., formerly *Sclerotinia homeocarpa*) Powdery mildew (*Erisyphe graminis*) Rust (*Puccinia* spp.) Gray leaf spot (*Pyricularia grisea*) "Damping off" or seedling blights caused by *Pythium*

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in a dry area inaccessible to children. Store in original containers only. Keep container closed when not in use.
Pesticide Disposal: Wastes resulting from the use of this product must be disposed of onsite or at an approved waste disposal facility.

Container Handling: Nonrefillable container. DO NOT reuse or refill this container.

-for containers equal to or less than 5 gallons-
Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) 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 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. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

-for containers greater than 5 gallons-
Nonrefillable container. DO NOT reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip 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. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

-for 250 gal. and 5000 gal. refillable containers-
Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. When empty, return to point of sale or to the manufacturer.

CHEMIGATION INSTRUCTIONS

General information:

Apply this product only through drip (trickle) irrigation (including micro-irrigation through spaghetti tubes or individual tubes) or sprinkler irrigation (including impact or microsprinklers, microjet, overhead boom, water gun, solid set, lateral move, end tow, side-roll, center pivot, or hand move, including mist-type systems); or with hand-held calibrated irrigation equipment (such as a hand-held wand with injector). Do not apply this product through any other type of irrigation system.

Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.

If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection.
- The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

- Do not apply when wind speed favors drift beyond the area intended for treatment.

- Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and injector system and flush with clean water before use. Failure to provide a clean tank, free of scale or residues may reduce effectiveness of this product.

Drip (trickle) and micro-irrigation chemigation

1. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump such as a positive displacement injection pump (i.e., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Dilute the product in water following the label mixing directions. It may be premixed in a supply tank with water, fertilizer, or other appropriate tank-mixed agricultural chemicals. Agitation is necessary. Apply to moderately moist soils. Use volumes that thoroughly wet the soil but that do not cause significant runoff or excessive drip from pots. Application should be continuous in sufficient water to apply the recommended rate evenly to the entire treated area.

Sprinkler chemigation:

1. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (i.e., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Dilute the product in water following the label mixing directions. It may be premixed in a supply tank with water, fertilizer or other appropriate tank-mixed agricultural chemicals. Agitation is necessary. Apply to moderately moist soils. Use volumes that thoroughly wet the soil but that do not cause significant runoff or excessive drip from pots. Application should be continuous in sufficient water to apply the recommended rate evenly to the entire treated area.
8. Do not apply when wind speed favors drift beyond the area intended for treatment.

OPTIONAL TEXT AND CLAIMS

GENERAL CLAIMS

1. For organic production

2. [Questions/Comments [Call]] ***insert company phone number***
3. [Visit [our website]] ***insert company website***

EFFICACY CLAIMS

4. For control or suppression of listed fungal and bacterial plant diseases on roses, vegetables, fruits, nuts, flowers, houseplants, foliage, trees, hemp, and shrubs in residential landscapes, home gardens, and residential greenhouses
5. Controls listed disease such as: Anthracnose; Bacterial leaf blights, spots, and specks; Black mold, brown spot, black crown rot; Black spot [of roses]; Gray mold, Botrytis blight, fruit rot; Leaf spots; and Powdery mildews
6. Suppresses listed disease such as: Downy mildew; Early blight; Late blight; Fire blight; Pin rot and Scab
7. [GH DNMT is a] broad-spectrum preventative biofungicide/bactericide for control/suppression of fungal/bacterial plant diseases
8. [GH DNMT] colonizes plant root hairs, preventing establishment of listed disease-causing fungi/bacteria
9. [GH DNMT] can be applied with chemical/other fungicides as a tool for integrated disease management
10. [GH DNMT] offers a valuable tool for management of resistance to chemical fungicides through its multiple and unique modes of action.
11. [GH DNMT] can be applied up to and including the day of harvest

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.

U.S. Patent No. X,XXX,XXX

Sold by: ***insert company name and address***

SUBLABEL B: Residential Use

GH DNMT

Aqueous Suspension Biofungicide/Bactericide for control of plant diseases in home gardens: vegetables, ornamental and fruit trees, shrubs, lawns, flowers, hemp, bedding plants, and potted ornamental plants

ACTIVE INGREDIENT:	
Bacillus amyloliquefaciens strain D747*	98.85%
OTHER INGREDIENTS:	1.15%
Total	100.00%

*Contains a minimum of 1 x 10^{10} colony-forming units (cfu) per milliliter of product.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See back/side/top/bottom/booklet [panel/label] for [additional] directions for use/precautions/precautionary statements/first aid [statements].

NET CONTENTS XX.XX fl oz (X.XX L)

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.
If in eyes	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	• Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. • 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. For medical emergencies call 1-877-465-5161	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION
Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Harmful if inhaled. Avoid breathing spray mist. 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.

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

PRODUCT INFORMATION
GH DNMT is a broad-spectrum preventative biofungicide/bactericide for control or suppression of fungal and bacterial plant diseases. The active ingredient of GH DNMT is a strain (D747) of the beneficial bacterium Bacillus amyloliquefaciens. GH DNMT also colonizes plant root hairs, preventing establishment of disease-causing fungi and bacteria.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Mixing instructions:
GH DNMT must be mixed with water and applied as a spray to fruit and foliage, or as a drench to plant roots. See below for specific mix rate information.

Application rates and methods:
Spray application for control of powdery mildews, leaf spots, anthracnose, gray mold, and other diseases affecting leaves, flowers, fruit, and other above-ground plant parts of home garden plants: Mix 1 teaspoon of GH DNMT per gallon of water and apply directly to plants using a hand pump sprayer or other suitable spray equipment. Spray just enough to wet all leaves and fruit with minimal run-off or dripping. Total coverage depends on the size of plants to be sprayed and the type of sprayer used. Repeat as needed to maintain disease control, typically every 7-10 days. If disease is prevalent or environmental conditions such as high humidity favor disease outbreak, increase the mixing rate to 1 tablespoon per gallon and shorten the interval between sprays to every 3-7 days.

Drench application for control of diseases affecting plant roots, tubers, or other parts of plants in contact with soil in the home garden: Mix 1 teaspoon of GH DNMT per gallon of water and apply to the soil by one of the following methods:

1. For potted plants (indoors or outdoors), apply in sufficient water to wet the entire root mass using a watering can or tank-fed watering wand. Do not water plants again until 24 hours after application. Alternatively, use a hand-pump or other sprayer to spray the mixture on the soil surface in each pot, then immediately apply sufficient water to move the product into the roots.
2. Drench the roots of transplants with approx. 4 fluid ounces of the mixture immediately before transplanting into pots or garden soil. Allow to soak into the root ball before transplanting.
3. For outdoor-grown plants, use a watering can or sprayer to drench the soil in the planting furrow or transplant hole immediately before planting or transplanting. The amount of water required will depend on the size of the hole or length of furrow.
4. Alternatively, apply in the first watering after planting or transplanting, either by mixing directly into the water at the rate indicated above, or by spraying onto the soil surface at the base of each plant and immediately watering in with a watering can, hose, sprinkler, or other watering device.

GH DNMT can be applied up to and including the day of harvest.

For application to lawns and other grass areas: Mix 1 teaspoon of GH DNMT per gallon of water and apply as a fine spray to the surface of the lawn or grass area. Total amount of mix required will depend on the type of sprayer used and area to be covered, but typically 2 to 5 gallons of spray mix may be required per 1,000 square feet of lawn. GH DNMT can be “watered in” for control of soilborne root and crown diseases by thorough watering immediately after application either with sprinklers or by spraying just before or during light rain.

STORAGE AND DISPOSAL

Pesticide Storage: Keep in original container. Store away from direct sunlight, feed, or foodstuffs**.** Keep container tightly sealed when not in use.

Pesticide Disposal and Container Handling: Non-refillable container. Do not reuse or refill container.
If empty: Place in trash or offer for recycling, if available**.**
If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Optional Language for Attaching Container to a Garden Hose

See Attachments:

OPTION 1

Hose-end Spray Instructions
The sprayer attached to the container is ready-to-use. Simply attach to your garden hose and follow these instructions:

1. Ensure the large, round “on/off” knob is set to OFF.
2. Turn on Water.
3. PUSH IN small knob near front of sprayer. This allows water and product to mix.
4. Hold sprayer and container level and point towards area to be sprayed.
5. Turn large, round “on/off” knob to ON.
6. Begin spraying product evenly over area you wish to treat.
7. Spray until visibly wet.
8. To stop spraying, turn large, round knob to OFF.
9. PULL OUT small knob near front of sprayer. This prevents product from mixing with water.
10. Turn off water at faucet. Relieve water pressure in the hose by turning large, round “on/off” knob ON until water pressure is reduced.
11. Turn the knob to OFF for storage of unused product and/or disposal of empty container.

NOTE: This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and recheck in a few hours. Do not use if any staining is observed.

OPTION 2

HOW TO USE

Make sure water control knob on hose sprayer is in the “OFF” position. Hold by handle and shake vigorously, turning bottle as you shake. Attach the hose to spray nozzle. Bend safety tab back and break off. Turn control to “WATER” position. Slowly turn on water supply to moderate rate of flow. Point nozzle toward spray area, turn control knob to “ON”. Product will automatically mix with water. Slowly sweep the area to be treated. To stop spraying, turn control valve to the “OFF” position. Turn off water at faucet. To relieve pressure, turn control valve to the “WATER” position pointing sprayer away from self. Remove from hose.

NOTE: This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and recheck in a few hours. Do not use if any staining is observed.

OPTION 3

TWIST & SHOOT™ READY TO SPRAY INSTRUCTIONS

1. Make sure control knob is in “OFF” position, then connect to garden hose.
2. Turn water on at faucet. When spraying low growing plants and small shrubs, twist the control knob right, to the “FAN” position. When spraying taller trees, shrubs and other plants, twist the control knob left to the “STREAM” position for extended reach and more uniform coverage. The product mixes automatically with the water as you spray.
3. To stop spraying turn the control knob lever to the “OFF” position. Turn off the water at the faucet and disconnect sprayer from garden hose.

NOTE: This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and recheck in a few hours. Do not use if any staining is observed.

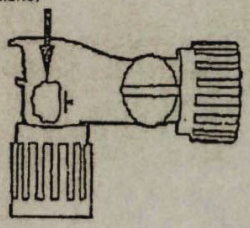
OPTION 4

READY-TO-SPRAY INSTRUCTIONS

FOR OUTDOOR USE ONLY

DOUBLE KNOB SPRAYER INSTRUCTIONS

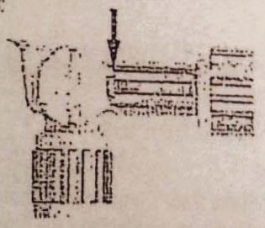
The sprayer attached to the container is ready-to-use. Simply attach to the garden hose and follow these simple instructions:



1. Insure the large, round "on/off" knob is set to OFF.
2. Turn on water.
3. Rotate the small, star-shaped product control knob to align the flat portion of the knob with the vertical portion of the lock tab and PUSH IN the knob to open. This allows product to mix with water.
4. Hold sprayer and container level and point towards area to be sprayed.
5. Turn large, round "on/off" knob forward (away from you) to ON.
6. Begin spraying product evenly over area you wish to treat.
7. To stop spraying, turn large, round "on/off" knob backward (toward you) to OFF.
8. PULL OUT and rotate the small, star-shaped product control knob. This prevents product from mixing with water.
9. Turn off water at the faucet. Relieve water pressure in the hose by turning large, round "on/off" knob to ON until water pressure is reduced.
10. Turn the knob to OFF for storage or unused product and/or disposal of empty container.

SINGLE KNOB SPRAYER INSTRUCTIONS

The sprayer attached to the container is ready-to-use. Simply attach to the garden hose and follow these instructions:



1. Turn on water.
2. Hold sprayer and container level and point towards area to be sprayed.
3. Bend yellow tab back and turn knob backward (toward you) to ON.
4. Begin spraying product evenly over area you wish to treat.
5. To stop spraying, turn knob forward (away from you) to OFF.
6. Turn off water.

Properly store unused product or dispose of empty container.

NOTE: This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and recheck in a few hours. Do not use if any staining is observed.

OPTION 5

USING THE READY SPRAY NOZZLE

1. Shake container well before using
2. Connect a garden hose to the Ready Spray nozzle. Make sure the dial on the nozzle is in the “OFF” position with the safety tab in the valve notch.
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet so you don’t come in contact with the treated area.
4. To BEGIN spraying, point nozzle toward treatment site and a) bend safety tab back (located at right of dial) with your thumb and b.) hold while turning the dial clockwise until it stops. Water will automatically mix with the product.
5. Spray until wet to control insects. Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas.
6. To STOP spraying, QUICKLY turn the dial counterclockwise until it stops and the safety tab engages into the notch in the valve. Turn water off at faucet. To relieve pressure before removing nozzle from hose, bend the safety tab back and turn dial “ON” until water stops spraying.
7. To STORE unused product, make sure the dial is in the “OFF” position with the safety tab in the valve notch. Place in a cool area away from heat, sunlight or open flame.

NOTE: This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and recheck in a few hours. Do not use if any staining is observed.

OPTION 6

READY-TO-USE DIRECTIONS FOR OUTDOORS ONLY
HOW TO USE THE READY-TO-USE SPRAY SYSTEM

Connect

1. Shake well before using.
2. Connect Sprayer to hose.
3. Turn on water.

Spray

1. To begin spraying, point nozzle in the direction you want to spray.
2. [Bend small plastic tab back and] Turn knob [clockwise] to ON position.
3. Spray evenly to the area to be treated. Refer to the [sight gauge] clear view strip (graduated scale) on the side of the container to determine the amount of product sprayed.

Finish

1. To stop spraying, [turn knob counter clockwise] to OFF position.
2. Turn off water.
3. Relieve water pressure by [bending plastic tab back and] turning knob to ON position until water slows to a drip. Then turn knob back to OFF position.

Disconnect sprayer from hose.

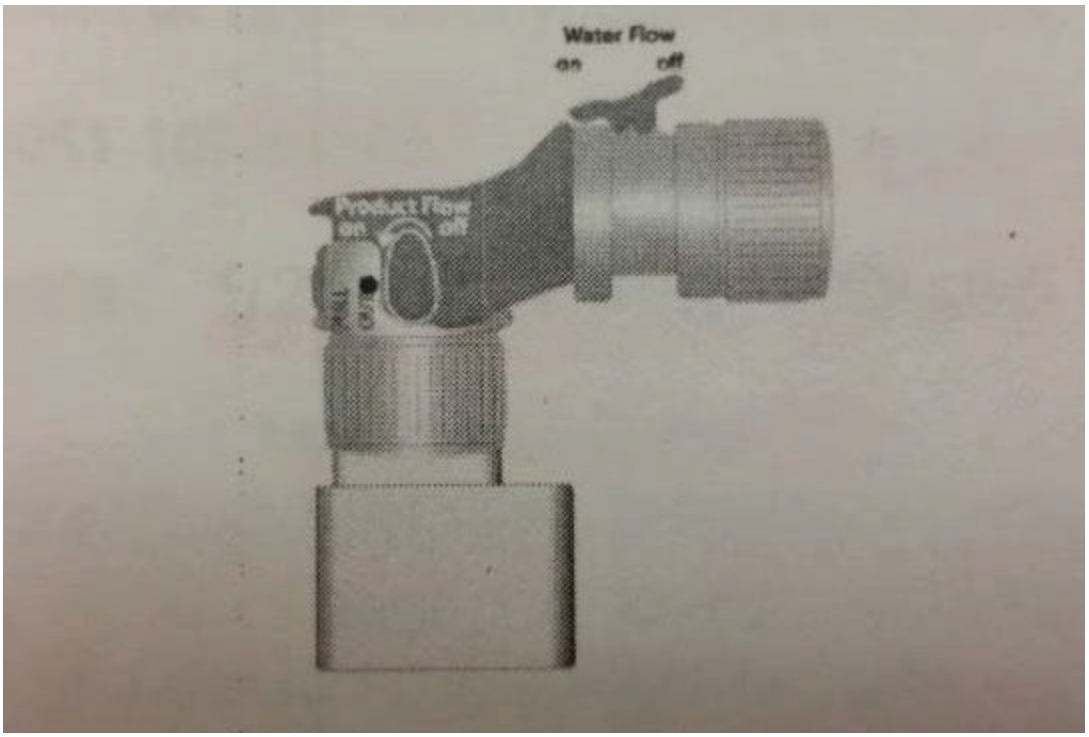
NOTE: This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and recheck in a few hours. Do not use if any staining is observed.

OPTION 7

Hose End Sprayer Instructions:

The sprayer attached to the container is ready-to-use. Simply attach to your garden hose and follow these instructions:

1. Before you start, the [blue] top water flow valve should be in the “OFF” position, and the [red] product flow valve should be in the up, “OFF” position.
2. Shake container well and attach it to your garden hose.
3. Turn on the water from faucet.
4. To apply, remove side pin (labeled “PULL OUT”) and rotate red product flow valve to “ON”; then while holding the sprayer at waist level and pointing in a direction away from face and body, push blue water flow valve forward to activate water.
5. When you are finished spraying or if you have to stop spraying at any time, press blue water flow valve with thumb to the rear to shut off water and return side red valve to the upright “OFF” position and replace side pin.
6. Turn off water at the faucet.
7. Remove the container from the garden hose; then rinse thoroughly and store according to storage instructions.



OPTIONAL TEXT AND CLAIMS

GENERAL CLAIMS

1. For organic gardening

2. [Questions/Comments [Call]] ***insert company phone number***
3. [Visit [our website]] ***insert company website***
4. Makes up to 48 gallons for gardens and landscapes
5. For lawns, covers 9,000 to 24,000 sq. ft.
6. Covers 5,000 sq. ft. or equivalent per 32 fl. oz. container size. (Covers 2,500 sq. ft. or equivalent per 16 fl. oz. container size)]

USE SITE CLAIMS

7. For use in residential landscapes, home gardens, and residential greenhouses
8. For use on roses, vegetables, hemp, fruits, nuts, flowers, houseplants, foliage, trees, and shrubs
9. Can be used on [the following plants:] vegetables, fruits, nuts, ornamental trees, shrubs, flowering plants, houseplants, and tropical plants [grown in and around home gardens or home greenhouses]

EFFICACY CLAIMS

10. For control or suppression of listed fungal and bacterial plant diseases on roses, vegetables, fruits, nuts, flowers, houseplants, foliage, hemp, trees, and shrubs in residential landscapes, home gardens, and residential greenhouses
11. Controls listed disease such as: Anthracnose; Bacterial leaf blights, spots, and specks; Black mold, brown spot, black crown rot; Black spot [of roses]; Gray mold, Botrytis blight, fruit rot; Leaf spots; and Powdery mildews
12. Suppresses listed disease such as: Downy mildew; Early blight; Late blight; Fire blight; Pin rot and Scab
13. [GH DNMT is a] broad-spectrum preventative biofungicide/bactericide for control/suppression of listed fungal/bacterial plant diseases
14. [GH DNMT] colonizes plant root hairs, preventing establishment of listed disease-causing fungi/bacteria
15. [GH DNMT] can be applied with chemical/other fungicides as a tool for integrated disease management
16. [GH DNMT] offers a valuable tool for management of resistance to chemical fungicides through its multiple and unique modes of action.
17. [GH DNMT] can be applied up to and including the day of harvest

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.

U.S. Patent No. X,XXX,XXX

Sold by: ***insert company name and address***

Supplemental Label

GH DNMT

For use on hemp

This supplemental labeling expires on 12/19/2022 and must not be used or distributed after this date

Controls listed diseases such as: Powdery mildew, *Botrytis*/Grey mold, Downy mildew, *Pythium*, "Damping off," seedling blights, and root or crown rot diseases caused by *Pythium, Rhizoctonia, Fusarium, Macrophomina phaseoli, Phytophthora*, or *Verticillium* spp., Hemp canker, Yellow leaf spot and Brown blight

KEEP OUT OF REACH OF CHILDREN
CAUTION

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

This labeling and the full EPA approved label attached to the container must be in the possession of the user at the time of application. Read the label affixed to the container for this product before applying. Use of this product according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for the product

GH DNMT is a broad-spectrum preventative biofungicide/bactericide for control or suppression of fungal and bacterial plant diseases. The active ingredient of GH DNMT is a strain (D747) of the beneficial bacterium *Bacillus amyloliquefaciens*. GH DNMT also colonizes plant root hairs, preventing establishment of disease-causing fungi and bacteria.

GH DNMT can be applied alone or in combination and/or rotation with chemical fungicides as a tool for integrated disease management in hemp

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

Foliar application: For control of diseases on foliage, flowers, fruit, or other above-ground parts of plants: Mix this product in water and apply as a spray at a rate of **0.5 to 6 quarts** of this product per acre in sufficient water to achieve thorough coverage of the crop canopy with minimal runoff. Begin applications at crop emergence, transplanting, or when conditions are conducive to development of disease. Repeat application every 3 to 10 days, or as needed, for as long as conditions favor disease development. Lower rates (0.5 to 3 quarts per acre) may be applied under light disease pressure, to smaller (e.g. newly-emerged) plants, or when this product is used in a tank mix with other fungicides whose labels allow such use. Under moderate to severe disease pressure, or when environmental conditions and plant stage are conducive to rapid disease development, use higher label rates (3-6 quarts/acre), apply more frequently (every 3-7 days), and mix or rotate this product with other fungicides for improved performance.

Soil application: For control of soilborne diseases infecting seeds, seedlings, roots, crown, stems, or other plant parts below ground or in contact with soil: Apply this product at **0.5 to 4.5 pints per acre**. Mix the required amount in sufficient water to apply by one of the following methods:

- Soil drench applied to transplants in flats or pots in the greenhouse or nursery any time prior to transplanting (see additional drench instructions under "Nurseries, greenhouses, shade houses, and ornamental plants" below).
- Soil drench at transplanting, using a "water wheel" injector, spray nozzles/hoses, or other method to drench each root ball and/or planting hole.
- Soil or seedline drench, or banded spray (in-furrow) at planting. See the section on "Banded (in-furrow) application" below for additional instructions.

Follow-up (post-planting) preventative applications can be made every 2-4 weeks by one or more of the following methods, if needed:

- Drip (trickle) or any type of sprinkler irrigation, any time after planting or transplanting. See Chemigation Instructions for additional information.
- Spray directly onto the soil surface and/or lower plant parts. If targeting root disease, follow immediately with sufficient overhead sprinkler irrigation to move this product to the root zone.
- Injection directly into the rooting zone using shanks or similar equipment.

Lower rates (0.5 to 2 pints of this product per acre) may be applied under light disease pressure, to smaller plants, or when this product is used in a tank mix with other fungicides whose labels allow such use. Under moderate to severe disease pressure, or when environmental conditions and plant stage are conducive to rapid disease development, use higher label rates (2 - 4.5 pints per acre), apply more frequently (every 2 weeks), and mix or rotate this product with other fungicides for improved performance.

Banded (in-furrow) application: Use the table below (rate this product per acre) to determine the correct application rate in fluid ounces per 1,000 row feet based on row spacing and desired rate per acre. Mix the required amount of this product in water and apply as banded spray (4" to 6" wide) or seedline drench centered over the planting furrow. Apply directly over seeds in the furrow just before they are covered with soil. The volume of water required per acre or per 1,000 row feet will depend on the application equipment used. Consult your local cooperative extension service if you need assistance calibrating band spraying equipment.

This product Rate/acre		Space between rows (inches)														
Pints	**Fl oz**	**12**	**14**	**16**	**18**	**20**	**22**	**24**	**26**	**28**	**30**	**32**	**34**	**36**	**38**	**40**
0.5	**8**	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
0.75	**12**	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9
1.0	**16**	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.2	1.2
1.25	**20**	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.5
1.5	**24**	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.8
1.75	**28**	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
2.0	**32**	0.7	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.4
2.25	**36**	0.8	1.0	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.8
2.5	**40**	0.9	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.9	3.1
2.75	**44**	1.0	1.2	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.4
3.0	**48**	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.8	2.9	3.1	3.3	3.5	3.7
3.25	**52**	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0
3.5	**56**	1.3	1.5	1.7	1.9	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.9	4.1	4.3
3.75	**60**	1.4	1.6	1.8	2.1	2.4	2.5	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.4	4.6
4.0	**64**	1.5	1.7	2.0	2.2	2.6	2.7	2.9	3.2	3.4	3.7	3.9	4.2	4.4	4.7	4.9
4.25	**68**	1.6	1.8	2.1	2.3	2.8	2.9	3.1	3.4	3.6	3.9	4.2	4.4	4.7	4.9	5.2
4.5	**72**	1.7	1.9	2.2	2.5	2.8	3.0	3.3	3.6	3.9	4.1	4.4	4.7	5.0	5.2	5.5

Nurseries, greenhouses, shadehouses, and ornamental plants

Spray application: Mix **0.5 to 6 quarts of this product per 100 gallons of water** and apply as a foliar spray of sufficient volume to wet the entire plant with minimal runoff. Begin preventative applications at plant emergence and repeat every 3-28 days as needed (every 3-7 days if disease pressure is high or environmental conditions are highly favorable to disease outbreak, 10-28 days under low pressure or less conducive conditions).

Drench application: Mix **0.5 to 4.5 pints of this product per 100 gallons of water** and apply as a drench or coarse spray to soil or other growing media in pots, flats, plugs, trays, or planting beds, for control or suppression of soilborne diseases of seedlings, cuttings, bedding plants, and transplants (including vegetables and other transplanted food crops). Make first application at or immediately before seeding, sticking, germination, or transplanting. Repeat applications every 14-28 days as needed. Transplants can be treated immediately before transplanting into field soils to protect against damping-off and other diseases that reduce plant establishment.

Cutting or root dip: Dip basal end of cuttings or bare roots (individually or in bunches) in a suspension of **1 to 2 pints of this product per gallon of water**. Immerse for 5-10 seconds immediately before planting.

Chemigation: Mix **0.5 to 4.5 pints of this product per 100 gallons of water** and apply via drip, handheld, or sprinkler irrigation systems. Refer to "Chemigation Instructions" for more details.

Residential Use directions:
Spray application for control of powdery mildews, leaf spots, anthracnose and gray mold affecting leaves, flowers, fruit, and other above-ground plant parts of home garden plants: Mix 1 teaspoon of this product per gallon of water and apply directly to plants using a hand pump sprayer or other suitable spray equipment.

Residential Use

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

Spray application for control of powdery mildews, leaf spots, anthracnose and gray mold affecting leaves, flowers, fruit, and other above-ground plant parts of home garden plants: Mix 1 teaspoon of this product per gallon of water and apply directly to plants using a hand pump sprayer or other suitable spray equipment. Spray just enough to wet all leaves and fruit with minimal run-off or dripping. Total coverage depends on the size of plants to be sprayed and the type of sprayer used. Repeat as needed to maintain disease control, typically every 7-10 days. If disease is prevalent or environmental conditions such as high humidity favor disease outbreak, increase the mixing rate to 1 tablespoon per gallon and shorten the interval between sprays to every 3-7 days.

Drench application for control of diseases affecting plant roots, tubers, or other parts of plants in contact with soil in the home garden: Mix 1 teaspoon of this product per gallon of water and apply to the soil by one of the following methods:

1. For potted plants (indoors or outdoors), apply in sufficient water to wet the entire root mass using a watering can or tank-fed watering wand. Do not water plants again until 24 hours after application. Alternatively, use a hand-pump or other sprayer to spray the mixture on the soil surface in each pot, then immediately apply sufficient water to move the product into the roots.
2. Drench the roots of transplants with approx. 4 fluid ounces of the mixture immediately before transplanting into pots or garden soil. Allow to soak into the root ball before transplanting.

3. For outdoor-grown plants, use a watering can or sprayer to drench the soil in the planting furrow or transplant hole immediately before planting or transplanting. The amount of water required will depend on the size of the hole or length of furrow.
4. Alternatively, apply in the first watering after planting or transplanting, either by mixing directly into the water at the rate indicated above, or by spraying onto the soil surface at the base of each plant and immediately watering in with a watering can, hose, sprinkler, or other watering device.

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

EPA Reg. No. 91865-3