U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:
_X_ Registration
___ Reregistration
(under FIFRA, as amended)

EPA Reg. Number:	**Date of Issuance:**
100914-2	3/18/2025

Term of Issuance:
Unconditional

Name of Pesticide Product:
CG NEEM 84.9 EC

Name and Address of Registrant (include ZIP Code):

Carillon Green Inc.
5121 Ehrlich Rd., Ste. 104A
Tampa, Florida 33624

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

2. Submit Storage Stability and Corrosion Characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.

3. Make the following labeling change before you release this product for shipment: Revise the EPA Registration Number to read, “EPA Reg. No. 100914-2.”

4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Signature of Approving Official:	**Date:**
Andrew Bryceland, Team Leader Biochemical Pesticides Branch Biopesticides and Pollution Prevention Division (7511M) Office of Pesticide Programs	3/18/2025

EPA Form 8570-6

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

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. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 3/7/25.

If you have any questions, please contact Chris Pfeifer of my team by phone at 202-566-1599 or via email at pfeifer.chris@epa.gov.

Sincerely,

Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure

{MASTER LABEL}

CG NEEM 84.9 EC (EPA Reg. No. 100914-E)

MASTER LABEL

Sublabel A is for Agricultural Use
Sublabel B is for Residential Use

CG NEEM 84.9 EC

Biopesticide [/Insecticide] [/Fungicide] [/Nematicide] [/ Miticide] [Anti-Feedant, Insect Repellent, Insect Growth Regulator, Fungal Growth Inhibition]

For Use on Listed Crops
Including vegetables, fruits, citrus, nuts, [and] ornamental plants, and other plants

For foliar and soil control of listed insect pests, mites, fungal disease and nematodes

Active Ingredient:	
Cold Pressed Neem Oil	84.9 %
Inert Ingredients	15.1 %
Total	100.0 %

ACCEPTED
03/18/2025
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 100914-2

KEEP OUT OF REACH OF CHILDREN
CAUTION

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

Shake Well Before Use

Net Contents: [<u>429 lbs.</u>] [12 fl. oz.] [32 fl. oz.]

Manufactured for:
Carillon Green, Inc.
5121 Ehrlich Rd. Ste 104A
Tampa, FL 33624
Tel. 813-322-3795

EPA Reg. No. 100914-E

EPA Est. No. 100914-FL-2
EPA Est. No. 093771-IND-1

Batch No.

{Sublabel A}

CG NEEM 84.9 EC

Biopesticide [/Insecticide] [/Fungicide] [/Nematicide] [/Miticide]
[Anti-Feedant, Insect Repellent, Insect Growth Regulator, Fungal Growth Inhibition]

For Use on Listed Crops
Including vegetables, fruits, citrus, nuts, [and] ornamental plants, and other plants
For foliar and soil control of listed insect pests, mites, fungal disease and nematodes

Active Ingredient:	
Cold Pressed Neem Oil ……..	84.9 %
Inert Ingredients ……..….	15.1 %
Total ……..	100.0 %

[Picture of Neem leaves]

[This product contains 6.52 lbs. of cold pressed neem oil per gallon.]

KEEP OUT OF REACH OF CHILDREN
CAUTION

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

Shake Well Before Use

[Refer to the attached booklet for a complete listing of crops and pests treated, dilution directions, and application rates.]

Net Contents: [429 lbs.]
[12 fl. oz.] [32 fl. oz.]

[Above picture of neem leaf]

Manufactured for:

Carillon Green, Inc.
5121 Ehrlich Rd. Ste 104A
Tampa, FL 33624
Tel. 813-322-3795

EPA Reg. No. 100914-E
EPA Est. No. 93771-IND-1

Lot No. 1060345-E

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions are available, wash with detergent and hot water. Keep and store PPE separately from other laundry.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

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. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if contaminated with pesticide. 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.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. 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 product application. For any requirement specific to your state or tribe, consult the state or tribal agency responsible for pesticide regulation.

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 (WPS).
Do not enter or allow 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:

- Long-sleeved shirt and long pants
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

These requirements apply to uses of this product that are NOT within the scope of the WPS 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. For other uses, including golf courses and other non-agricultural uses, do not enter treated areas without protective clothing until sprays have dried.

PRODUCT MODE OF ACTION

[CG NEEM 84.9 EC] controls listed pests by ingestion and by contact. The modes of action on insects are repellence, anti-feeding action and interference with the molting process. **[CG NEEM 84.9 EC]** controls listed diseases by inhibiting mycelial growth.

GENERAL INFORMATION

Read all directions before using this product.

To control listed pests, apply **[CG NEEM 84.9 EC]** as directed to any food or non-food crop up to and including the day of harvest.

Insecticide and Miticide Foliar Applications: For most pest and crop conditions, use a concentration of 0.5%-1% **[CG NEEM 84.9 EC]**. **For heavier infestations**, use a 1.5% concentration of **[CG NEEM 84.9 EC].** Use a maximum rate of 5 pints **[CG NEEM 84.9 EC]** / acre.

Fungicide Foliar Application: Use a maximum rate of 6 quarts **[CG NEEM 84.9 EC]** per acre in 1~2% dilution.

Refer to the Mixing and Application instructions for mixing and rate instructions and to Use Site Section for a complete listing of crops.

MIXING INSTRUCTIONS

[CG NEEM 84.9 EC] is an emulsifiable concentrate and requires only water for the appropriate use dilution. Additional surfactant is not required. Shake the container well before use. Neem oil can solidify at temperatures below 59°F [15°C]. If solidified, thaw the product by setting out in temperatures over 80°F [26°C] and agitating well before mixing with water. For optimal emulsion, do not use cold water (less than 45°F [7°C]).

Add **[CG NEEM 84.9 EC]** to a mixing tank half-filled with water of 45°F [7°C] or warmer and agitate. Then add additional water to the final volume with continuous agitation. If the water temperature is below 45°F [7°C], achieve a good emulsion by premixing **[CG NEEM 84.9 EC]** at a 1:1 ratio with tepid water before filling to final volume.

When mixing with other products such as wettable powder insecticides or fungicides, add those products first when the tank is approximately 1/3 full. Agitate well while mixing to achieve complete emulsification. Do not use if a uniform, cloudy emulsion is not formed.

Always use this product promptly after mixing with water. To prevent separation of the emulsion, agitate continuously during application. Non-uniform dilution can cause crop injury or result in lowered effectiveness. For tank mixtures, add components to the tank containing the **[CG NEEM 84.9 EC]** spray mixture and agitate thoroughly. Do not let tank mixture sit for an extended period of time. If tank mixture is allowed to sit, agitate thoroughly again prior to and during application. Adjusting the spray mixture pH between 5.5 and 7.0 will provide optimal performance.

TANK MIX AND COMPATIBILITY: [CG NEEM 84.96 EC] is best applied independently but has been found to be compatible when tank mixed with liquid fertilizer such as fish emulsion and adjuvant such as Karanja oil, cottonseed oil, sesame oil and castor oil. To determine the physical compatibility of **[CG NEEM 84.9 EC]** with other products, test as described below before mixing.

Jar Compatibility Test: Using a quart jar, add the proportionate amounts of products to be tank mixed to 1 quart of water in the following order. Add wettable powders and water dispersible granular products first, then add liquid flowables, then add emulsifiable concentrates and solutions last. After thoroughly mixing by agitation, let

stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. All possible tank mixes on all crops have not been tested. Growers must test tank mix combinations for phytotoxicity on a sample of plants prior to use. Do not use mixtures of incompatible products as it may cause phytotoxicity or result in lowered effectiveness.

Always read and follow the directions for use, precautions, and limitations for use on all product labels used in combination. Applications must follow the precautions and limitations of the most restrictive product label in the mixture. Do not exceed the dosage rates of any product. Check compatibility by using the correct proportion of the products in a small test container.

DO NOT apply sulfur on sulfur containing products within 14 days of a [**CG NEEM 84.9 EC]** application.

PHYTOTOXICITY: When used according to label instruction, **[CG NEEM 84.9 EC]** has been evaluated for phytotoxicity on a wide range of crops and ornamentals. To avoid plant damage, test this product on a small portion of the area to be treated for phytotoxicity before treating the entire area. Apply foliar spray in conditions that favor fast drying.
All possible mixtures of pesticide sprays, other fertilizers, surfactants, and adjuvants have not been tested. Therefore, users must test spray mixtures to ensure no phytotoxicity before applying to wide areas.

Application Equipment

Apply [CG NEEM 84.9 EC] using any powered or manual pesticide application equipment including high volume, low volume, ultra-low volume, electrostatic, air blast and fogging equipment. When used as a foliar application, ensure complete coverage of the plant surfaces, but avoid pooling or run off. Follow the original equipment manufacturer's instructions. Avoid spraying under conditions of high humidity and high temperature (>90°F) [(32°C)].

Thoroughly clean spray equipment used to apply **[CG NEEM 84.9 EC]** before use. Tank mixed combinations of **[CG NEEM 84.9 EC]** may not be compatible with oil-based formulations. To determine compatibility, conduct Jar Compatibility Test.

Dilution Table for Low Volume Applications (10 to 30 gallons per acre)		
Gallons of Water	**CG NEEM 84.9 EC**	**Dilution**
10	24 fl. oz.	1.88%
15	1 quart	1.66%
20	1 quart	1.25 %
25	1 quart	1.0%
30	1 quart	0.83%

Dilution Table for High Volume Applications (25 to 200 gallons per acre)				
Gallons of Water	**Gallons of CG NEEM 84.9 EC 0.5% Solution**	**Gallons of CG NEEM 84.9 EC 1.0% Solution**	**Gallons of CG NEEM 84.9 EC 1.5% Solution**	**Gallons of CG NEEM 84.9 EC 2.0% Solution**
25	0.125 (16 fl. oz)	0.25 (32 fl. oz)	0.375 (48 fl. oz)	0.5 (64 fl. oz)
50	0.25 (32 fl. oz)	0.5 (64 fl. oz)	0.75 (96 fl. oz)	1.0
75	0.375 (48 fl. oz)	0.75 (96 fl. oz)	1.125	1.5
100	0.5 (64 fl. oz)	1.0	1.5	2.0
125	0.625 (80 fl. oz)	1.25	1.875	2.5
150	0.75 (96 fl. oz)	1.5	2.25	3.0
175	0.875 (112 fl. oz)	1.75	2.625	3.5
200	1.0	2.0	3.0	4.0

APPLICATION INSTRUCTIONS

[CG NEEM 84.9 EC] as a foliar spray or as soil treatment (soil drench, in-furrow, drip-applied) to control listed insect pests, nematodes, and diseases.

Apply as a soil treatment to control listed soil-borne pests and larvae of pests (see Chemigation Instructions).

INSECTICIDE/ MITICIDE FOLIAR USE

Apply **[CG NEEM 84.9 EC]** in sufficient amounts of water and adequate spray pressure to achieve thorough coverage of plant surfaces. **[CG NEEM 84.9 EC]** is most effective when applied before or around the onset of insects, mites, or their eggs (see Pest List) or as soon as they are noticed. Apply at a concentration of 0.5-1.5% for a maximum rate of 5 pints **[CG NEEM 84.9 EC]** per acre. Ensure that both the top and bottom of leaves are wetted. For optimum results, repeat the applications at intervals of 7-10 days. Use higher rates and increase spray frequency when pest pressure is high.

Spray early in the morning or in the evening for the best results. Repeat application if it rains within four hours of spraying.

NEMATICIDE AND OTHER SOIL USE

Apply as a preventative treatment (see Pest List for Soil Pests) or control treatment after nematodes and other listed pests have been detected. When used as a soil application (soil drench, in-furrow, drip-applied), apply at 1.0-2.0% for a maximum rate of 6 quarts **[CG NEEM 84.9 EC]** per acre to deliver complete and thorough coverage. When applied as a soil drench, avoid excessive run off. Repeat the applications as necessary.

Root-dip Nematicide Use on Strawberries

For bare-root dip applications on strawberries use a concentration of 2% (e.g. 2 gallons of **[CG NEEM 84.9 EC]** in 100 gallons of water). If bare-root nursery plants are in cold storage, allow them to thaw to ambient temperature – approximately 20°C [(68°F)]. Submerge the entire plant to be treated in **[CG NEEM 84.9 EC]** emulsion. Leave the plant completely submerged in for 15-30 minutes. Remove the plants from the treatment solution, shake off excess liquid, and drain for 5-15 min. Plant after treatment, or package the plants in suitable containers and cold store between -2°C and 5°C [28-41°F)] during shipping and until planting.

FUNGICIDE FOLIAR USE

Apply **[CG NEEM 84.9 EC]** in sufficient amount of water and with adequate spray pressure to achieve thorough coverage of plant surfaces. **[CG NEEM 84.9 EC]** is most effective when applied before the onset of disease development. Apply a maximum rate of 5 quarts **[CG NEEM 84.9 EC]** per acre at a concentration of 1.0-1.5%. Do not apply with any sulfur or sulfur containing products within 14 days of a **[CG NEEM 84.9 EC]** application.

Crop	Disease	Concentration	Rate CG NEEM 84.9 EC	Spray Interval
All crops except Grapes	See Pests List, Disease: Fungal Foliar	1.0-1.5%	5 quarts	10-14 days
Grapes	Powdery Mildew, Stem Mildew, Sour Rot	1.0-1.5%	5 quarts	10-14 days from pre-bloom through veraison.
	Botrytis			Spray at bloom, pre-bunch closure, veraison and 14 days after veraison

CHEMIGATION INSTRUCTIONS

GENERAL CHEMICATION REQUIREMENTS

Apply **[CG NEEM 84.9 EC]** only through in-furrow or drip (trickle) irrigation & system(s). Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform

distribution of treated water. If you have questions about calibration, you should 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.

FURROW CHEMIGATION REQUIREMENTS

Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from back flow if water flow stops. Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:

- 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 back flow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 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.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 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.
- 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.

A supply tank is recommended for this product. If using a supply tank, dilute **[CG NEEM 84.9 EC]** at the rate of 6 quarts per 100~200 gallons of water. Frequent agitation is necessary. Apply in the second half of the water application to deliver **[CG NEEM 84.9 EC]** to the soil pests.

DRIP CHEMICATION REQUIREMENTS

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 back flow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. 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. The system must contain functional inter-locking controls to automatically shut off the pesticide injection pump when the water pump motor stops. 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. 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.

A supply tank is recommended for this product. If using a supply tank, dilute **[CG NEEM 84.9 EC]** at the rate of 6 quarts per 100~200 gallons of water. Frequent agitation is necessary. Apply in the second half of the water application to deliver **[CG NEEM 84.9 EC]** to the soil pests.

USE SITES

CROP USES – Use **[CG NEEM 84.9 EC]** on the following crops and crop groupings:

VEGETABLES	
Bulb Vegetable Crops (including but not limited to)	
Garlic	Onion
Leek	Shallot
Cucurbit Crops (including but not limited to)	
Casaba	Pumpkin
Chayote (fruit)	Squash, summer (crookneck squash,
Chinese waxgourd	scallop squash, straightneck squash,
Cucumber	vegetable marrow, zucchini)
Gherkin	Squash, winter (butternut squash,
Gourd, edible (Chinese okra)	Calabaza, hubbard squash, acorn
Momordica spp (balsam apple, balsam	squash, spaghetti squash)
pear, bitter pear, bitter melon)	Watermelon (incl. hybrids)
Muskmelon (incl. hybrids) (cantaloupe, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon)	

Fruiting Vegetable Crops (including but not limited to)

Eggplant	Pepino
Groundcherry	Tomatillo
Pepper (bell pepper, chili pepper, cooking pepper, pimento, sweet pepper)	Tomato

Leafy & Brassica (Cole) Vegetable Crops (including but not limited to)

Arugula	Dandelion
Broccoli	Endive
Broccoli raab	Fennel
Brussel sprouts	Greens
Chinese broccoli (Gai lon)	Kale
Cabbage (head, leaf)	Kohlrahi
Cassava (bitter, sweet)	Lettuce (head, leaf)
Celery	Mustard spinach
Chinese cabbage (Bok choy, Napa)	Mustard greens
Chinese Spinach (Amaranth, Tampala)	Parsley
Cauliflower	Purslane
Celery	Radicchio (red chicory)
Celtuce	Rape greens
Chervil	Rhubarb
Chrysanthemum	Spinach
Cilantro	Swiss chard
Collards	Turnip top
Corn salad	Watercress
Cress	

Legume Crops (including but not limited to)

Bean (sweet lupin, white lupin)	Jackbean
Bean (field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean)	Leblab bean Lentil Pea (dwarf pea, edible-pea pod, English
Bean (adzuki bean, asparagus bean)	pea, field pea, garden pea, snow pea,
Blackeyed pea, Chinese long-bean, cowpea, mung bean, southern pea)	sugar snap pea) Pigeon pea
Broad bean	Soybean
Chickpea (garbanzo bean)	Sword bean
Guar	

Root and Tuber Vegetable Crops (including but not limited to)	
Artichokes	Parsnip
Beet (garden, sugar)	Potato
Cardone	Sweet potato
Carrot	Radish
Cassava (bitter, sweet)	Radish, oriental (daikon)
Celeriac (celery root)	Rutabaga
Chicory	Salsify
Dasheen (taro)	Turmeric
Ginger	Turnip
Ginseng	Yam
Horseradish	Yam bean

Small Fruit and Berry Crops (including but not limited to)	
Blackberry (incl. hybrids)	Gooseberry
(bingleberry, boysenberry, dewberry,	Grape
darrowberry, youngberry)	Huckleberry
Blueberry	Loganberry
Cranberry	Raspberry (black, red)
Currant	Strawberry
Elderberry	

Citrus and Tropical Fruit Crops (including but not limited to)	
Avocado	Loquats
Banana	Lychee
Calamondin	Mango
Cherimoya	Mandarin
Citrus citron	Satsuma mandarin
Citrus hybrids (chironja, tangelo, tangor)	Olive
Coconut	Orange, sour
Date	Orange, sweet
Feijoa	Papaya
Fig	Passion fruit
Grapefruit	Pineapple
Guava	Plantain
Jujube	Pomegranate

Kiwifruit	Pummelo
Kumquat	Quince
Lemon	Tangerine
Lime	

Pome and Stone Fruit Crops (including but not limited to)	
Apple	Pear
Apricot	Pear, oriental
Cherry, sweet	Plum
Cherry, tart	Plum, Chickasaw
Crabapple	Plum, Damson
Loquat	Plum, Japanese
Mayhaw	Plumcot
Nectarine	Prune
Peach	Quince

Tree Nut Crops (including but not limited to)	
Almond	Chestnut
Beech nut	Hickory nut
Brazil nut	Macadamia nut
Butternut	Pecan
Cashew nut	Pistachio
Filbert	

Herbs and Spice Crops (including but not limited to)	
Allspice	Lovage (leaf, seed)
Anise	Marigold
Balm	Marjoram
Basil	Mint
Borage	Mustard (seed)
Chamomile	Nasturtium
Caraway	Nutmeg
Cardamom	Parsley
Catnip	Pennroyal
Celery	Pepper (black, white)
Chervil (dried)	Peppermint
Chives	Poppy

Cinnamon	Rosemary
Clove buds	Rue
Coriander	Saffron
Cilantro (leaf, seed)	Sage
Cumin	Savory (summer, winter)
Curry leaf	Spearmint
Dandelion	Sweet bay
Dill	Tarragon
Fennel	Thyme
Lavender	Wintergreen
Lemongrass	

Cereal Grain Crops (including but not limited to)

Barley	Rice
Buckwheat	Rye
Corn	Sorghum (milo)
Millet, pearl	Teosinte
Millet, proso	Triticale
Oats	Wheat
Popcorn	Wild rice

Forage Crops (including but not limited to)

Alfalfa	Sainfoin
Bean, velvet	Trefoil
Clover	Vetch
Lespedeza	Vetch, crown
Lupin	Vetch, milk

Miscellaneous Crops (including but not limited to)

Acerola	Peanut
Canola	Quenepa
Coffee	Safflower
Cotton	Seagrape
Hops	Sesame
Jicama	Soursup (Quanabanas)
Jojoba	Star Apple

Kinep	Sugarcane
Mushroom	Sunflower
Nispero	Tobacco
Okra	

Other Plants (including but not limited to)	
Ornamentals (Cuphea, Daylily (bulb), Fritillaria (bulb), Hosta elegans, Lily (bulb), Meadowfoam, Milkweed)	Fencerows Nurseries Turf (golf courses, parks, other grass areas)

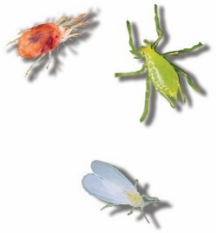
[Picture of Rose]

PESTS: INSECTS, MITES, NEMATODES, THRIPS and DISEASES

Use [CG NEEM 84.9 EC] to control the following pests:

Insects (Foliar)	
Aphids	Cotton Aphid, Cowpea Aphid, Mustard Aphid, Okra Aphid, Pea Aphid, Green Peach Aphid, Potato Aphid, Rice Aphid
Beetles	Bean Leaf Beetle, Brinjal (Egg Plant) Spotted Leaf Beetle, Chick Pea Beetle, Cow Pea Beetle, Colorado Potato Beetle, Corn Beetle, Cowpea Beetle, Cucumber Beetle, Flea Beetle, Japanese Beetle *(Popillia Japonica)* [see below picture], Mexican Bean Beetle, Potato Flea Beetle, Radish Flea Beetle, Red Pumpkin Beetle, Spotted Cucumber Beetle, Spotted Leaf Beetle, Soybean Japanese Beetle  [Japanese Beetle *(Popillia Japonica]*
Caterpillars, Moths	Armyworm, Alfalfa Worm, Beet Armyworm, Borers, Black Headed Caterpillar, Budworm, Cabbage Caterpillar, Cabbage Looper, Cotton Bollworm, Corn Earworm, Corn Rootworm, Cutworm, Fruitworm, Hornworm Leafroller, Leaf Perforator, Ear Cutting Caterpillar, Pickle Worm, Tobacco budworm, Tobacco Caterpillar, Webworm, Yellow Hairy Caterpillar, Diamondback Moth, Grape Berry Moth, Gypsy Moth
Flies, Gnats, Midges	Fruit Fly, Gnat, Fungus Gnat, Brassica Pod Midge

Grasshoppers, Leafhoppers	Brown Plant Hopper, Carolina Grasshopper, Leafhopper, Potato Leafhopper, Rice Brown Plant Hopper, Rice Grasshopper, Rice Green Leafhopper, Grape Leafhopper, Sharpshooter
Leafminers	Leafminers of Ornamental Plants, Citrus Leafminer, Tomato Leafminer, Vegetable Leafminer
Mealy Bugs, Scales	Citrus Mealy Bug, Mealy Bugs of Ornamental Plants and Grapes California Red Scale, Coffee Green Scale, San Jose Scale, Soft Scale, Yellow Scale
Plants Bugs, Lygus	Phylloxera, Spittle Bug, Stink Bug, Tomato Stink Bug
Psyllids	Asian Citrus Psyllid, Pear Psyllid, Potato Psyllid
Weevils	Black Vine Weevil, Boll Weevil, Pepper Weevil
Whiteflies	Cabbage Whitefly, Cotton Whitefly, Sugarcane Whitefly, Banded Wing Whitefly, Citrus Whitefly, Silverleaf Whitefly, Greenhouse Whitefly



[Above picture of Spider mite, Aphid and Whitefly]

Insects (Soil)	
Grubs, Wireworms, Maggots	Field Wireworm, Wheat Wireworm, Lygus Bug Maggots, Onion Maggot
Thrips	
Thrips	Avocado Thrip, Flower Thrip, Onion Thrip, Peanut Thrips, Grape Thrips, Tobacco Thrip, Western Flower Thrip
Mites	
Mites	Spider Mites, Two-Spotted Spider Mites, Pacific Spider Mites
Nematodes (Soil)	
Nematodes	Dragger Nematode, Golden Nematode, Lance Nematode, Lesion Nematode, Reniform Nematode, Root Know Nematodes, Sting Nematodes, Soybean Cyst Nematodes*
Diseases	
Fungal; Foliar	Alternaria, Anthracnose, Blight (early, late, leaf), Botrytis, Mildew (Powdery, Downey), Stem Mildew, Molds, Rusts, Scab, Southern Blight, Sclerotium Rolfsii, Sour Rot on Grapes

(Fungal; Soil)*	Fusarium Oxyporum*, Pythium*, Rhizoctonia Solani*

[* Except in California]

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by pesticide storage or disposal.

PESTICIDE STORAGE: Do not store this product above 40°C [104°F] or below -6°C [20°F] for extended periods of time. Keep containers tightly closed and keep in original container when not in use. Do not store exposed to ultraviolet light (sunlight) or moisture. Neem oil clouds and solidifies at temperatures below 15°C [59°F]. If oil has solidified, gently thaw by exposing to temperatures over 26°C [80°F]. Store in such a manner to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Keep container closed when not in use.

PESTICIDAL DISPOSAL: To avoid waste, use all material in this container by application according to label directions. If waste cannot be avoided, offer the 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 DISPOSAL: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.
5-Gallon or Smaller Containers: Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container % 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.
Containers Larger than 5 Gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container % 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.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

Conditions: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended

consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Seller. All such risks shall be assumed by the user or buyer.

Disclaimer of Warranties: To the extent consistent with applicable law, Seller makes no other warranties, express or implied, of merchantability or fitness for a purpose or otherwise, that extend beyond the statements made on this label. No agent of Seller is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Seller disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product.

Limitations of Liability: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall not exceed the purchase price paid or at Seller election, the replacement of product.

[OPTIONAL MARKETING CLAIMS]

- [Use] The Power of Neem
- [Cold Pressed] Neem Oil
- Active Ingredient Derived From Neem
- Plant-based active ingredient [biopesticide] [spray]
- Botanical active ingredient
- Non-toxic mode of action
- Protect your plants from insects and diseases
- [4-in-1] multi-purpose product – Fungicide, insecticide, miticide, and nematicide*
  [*for use on listed pest and crops]
- [For] Use as part of an Integrated Pest Management [program] [strategy]
- [CG NEEM 84.9 EC] is an effective, biofungicide, insecticide, miticide, and nematicide for gardening use on vegetables, tree fruits, nuts and vines, citrus, ornamental flowers, shrubs and trees, grass lawns, and houseplants.
- For use on vegetables, [fruits,] [nuts,] [vines,] [citrus,] [ornamental plants,] [shrubs and trees,] [grass lawns,] [houseplants]
- [Also], controls aphids, [beetles,] [stink bugs,] [caterpillars,] [leafhoppers,] [leafminers,] [whiteflies,] [mealy bugs,] [midges,] [spider mites,] [nematodes,] [weevils,] [scales,] [and] [&] [thrips] [other listed insects and nematodes]
- Controls powdery mildew, botrytis, [stem mildew,] [and] [&] [sour rot]
- Use for the prevention and control of powdery mildew, botrytis, stem mildew and others as listed on label.
- Can be applied up to day of harvest [as a [4 in 1,] multi-purpose product [-fungicide, insecticide, miticide and nematicide *]] [*for use on listed pest and crops]

- Peel Here for Directions & Precautions
- Concentrate
- [12 fl. oz. concentrate] [this bottle] makes up to 16 gallons
- [32 fl. oz. concentrate] [this bottle] makes up to 43 gallons

{Sublabel B}

CG NEEM 84.9 EC

Biopesticide [/Insecticide] [/Fungicide] [/Nematicide] [/Miticide]

[Anti-Feedant, Insect Repellent, Insect Growth Regulator, Fungal Growth Inhibition]

For Use on Listed Crops
Including vegetables, fruits, citrus, nuts, [and] ornamental plants, lawns, and other plants

Active Ingredient:
Cold Pressed Neem Oil ……..84.9 %
Inert Ingredients ……15.1 %
Total ……..100.0 %

[Picture of Neem leaves]

KEEP OUT OF REACH OF CHILDREN
CAUTION

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

Shake Well Before Use

[See back label for additional precautionary statements, directions for use, storage and disposal statements, and warranty.] [Refer to the attached booklet for a complete listing of crops and pests treated, dilution directions, and application rates.]

Net Contents: [<u>429 lbs.</u>] [12 fl. oz.] [32 fl. oz.]

Manufactured for:

Carillon Green, Inc.
5121 Ehrlich Rd. Ste 104A
Tampa, FL 33624
Tel. 813-322-3795

EPA Reg. No. 100914-E

EPA Est. No. 100914-FL-2
EPA Est. No. 093771-IND-1

Batch No.

[Picture of Neem Leaf]

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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.

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

GENERAL INFORMATION
[CG NEEM 84.9 EC] controls listed insects on contact or by ingestion. The product acts on insects by way of repellence, anti-feedant action and interference with the molting process. **[CG NEEM 84.9 EC]** controls listed diseases by inhibiting mycelial fungal growth. The efficacy of this product is dependent on weather conditions, intensity of pest population, area of application, and physical stages of pests and crops.

Do not store this product above [40°C] 104°F or below [-7°C] 20°F for extended periods of time. Keep containers tightly closed and in original containers when not in use. Do not store exposed to ultraviolet light (sunlight) or moisture.

THAWING (MELTING) INSTRUCTIONS
Neem oil clouds and solidifies at temperatures below 59°F [15°C]. Thaw (melt) solidified product by standing bottle in warm water. Make sure cap is tightly closed. Or set out in temperatures over 80°F [27°C]. Avoid direct exposure to temperatures over 104°F [40°C].

MIXING INSTRUCTIONS
[CG NEEM 84.9 EC] contains cold pressed Neem Oil and requires only water for the appropriate use dilution. Add **[CG NEEM 84.9 EC]** to a mixing tank or spray bottle with a little water and agitate thoroughly. For optimal mixing, ensure water temperature is above 45°F [7°C]. Then add remaining water to the spray tank or spray bottle with continuous agitation. Agitate continuously while spraying. Non-uniform dilution can cause damage to plant or result in lowered effectiveness.

Crop Uses: [CG NEEM 84.9 EC] may be used on bulbs, cucurbits, fruiting vegetables, leafy and brassica (cole) vegetables, legumes, root and tuber vegetables, small fruit and berries, citrus and tropical fruits, pome and stone fruits, tree nuts, herbs and spices, and grass, lawn and ornamentals.

[Above picture of rose]

Use Rates: Apply **[CG NEEM 84.9 EC]** at 0.5 – 1.5% in sufficient amounts of water to achieve complete coverage. Use at 1 – 2% when applying on trees or as a soil treatment.
[CG NEEM 84.9 EC] is most effective when applied before insects or eggs are present in large numbers. Repeat application every 7 to 14 days.

Spray Directions: Apply **[CG NEEM 84.9 EC]** as a foliar spray or as soil drench to control listed pests. Apply as a soil drench to control the listed soil borne pests and their larvae. When applied as a soil drench, avoid excessive run off. When using as a foliar application, ensure thorough coverage of plant surfaces, but avoid pooling and run off.

Avoid spraying under conditions of high humidity and high temperature (>90°F) [>32°C]. To avoid potential leaf burn, apply to product in early morning or late evening. Test the product on a small portion of plants for compatibility before treating the entire plants.

Instructions for 1-Gallon Sprayer

Pests	Fluid Ounces (oz) [CG NEEM 84.9 EC] per Gallon Water	Tablespoons (Tbsp) [CG NEEM 84.9 EC] per Gallon Water
Insects – Most Conditions	1 fl. oz.	2 Tbsp
Insects – Heavy Infestation	1.5 fl. oz.	3 Tbsp
Disease Control	1.5 fl. oz.	3 Tbsp
Trees only (Insects and Diseases) and Soil Treatments	2 fl. oz.	4 Tbsp

Instructions for 32 oz. (1 Quart) Spray Bottle

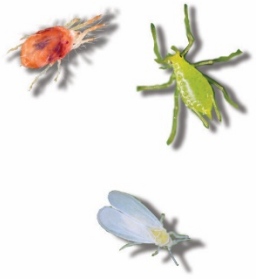
Pests	Teaspoon (tsp) / Tablespoon (tbsp) per 32 oz. (1 Quart) Water
Insects – Most Conditions	1.5 tsp
Insects – Heavy Infestation	2.5 tsp
Disease Control	2.5 tsp
Trees only (Insects and Diseases) and Soil Treatments	1 tbsp

PESTS: Use **[CG NEEM 84.9 EC]** to control the following insects and diseases:

Aphids	Cotton Aphid, Cowpea Aphid, Mustard Aphid, Okra Aphid, Pea Aphid, Green Peach Aphid, Potato Aphid, Rice Aphid
Beetles	Bean Leaf Beetle, Brinjal (Egg Plant) Spotted Leaf Beetle, Chick Pea Beetle, Cow Pea Beetle, Colorado Potato Beetle, Cucumber Beetle, Flea Beetle, Japanese Beetle *(Popillia Japonica),* Mexican Bean Beetle, Potato Flea Beetle, Radish Flea Beetle, Red Pumpkin Beetle, Spotted Cucumber Beetle, Spotted Leaf Beetle, Soybean Japanese Beetle  *[Above picture of Japanese Beetle (Popillia Japonica)]*
Caterpillars, Moths	Armyworm, Alfalfa Worm, Beet Armyworm, Borers, Black Headed Caterpillar, Budworm, Cabbage Caterpillar, Cabbage Looper, Cotton Bollworm, Corn Earworm, Corn Rootworm, Cutworm, Fruitworm, Hornworm Leafroller, Leaf Perforator, Ear Cutting Caterpillar, Pickle Worm, Tobacco budworm, Tobacco Caterpillar, Webworm, Yellow Hairy Caterpillar, Diamondback Moth, Grape Berry Moth, Gypsy Moth
Flies, Gnats	Fruit Fly, Gnat, Fungus Gnat
Grasshoppers, Leafhoppers	Brown Plant Hopper, Carolina Grasshopper, Leafhopper, Potato Leafhopper, Rice Brown Plant Hopper, Rice Grasshopper, Rice Green Leafhopper, Grape Leafhopper, Sharpshooter
Leaf miners	Leaf miners of Ornamental Plants, Citrus Leaf miner, Tomato Leaf miner, Vegetable Leaf miner
Mealy Bugs, Scales	Citrus Mealy Bug, Mealy Bugs of Ornamental Plants and Grapes, California Red Scale, Coffee Green Scale, San Jose Scale, Soft Scale, Yellow Scale
Midges	Brassica Pod Midge
Mites	Spider Mites
Nematodes (Soil)	Dragger Nematode, Golden Nematode, Lance Nematode, Lesion Nematode, Reniform Nematode, Root knot Nematode, Sting Nematode

Plants Bugs, Lygus	Phylloxera, Spittle Bug, Stink Bug, Tomato Stink Bug
Psyllids	Asian Citrus Psyllid, Pear Psyllid, Potato Psyllid
Scales	California Red Scale, Yellow Scale, Coffee Green Scale
Thrips	Avocado Thrip, Flower Thrip, Onion Thrip, Peanut Thrip, Grape Thrip, Tobacco Thrip, Western Flower Thrip
Weevils	Black Vine Weevil, Boll Weevil, Pepper Weevil
Whiteflies	Cabbage Whitefly, Cotton Whitefly, Sugarcane Whitefly, Banded Wing Whitefly, Citrus Whitefly, Silverleaf Whitefly, Greenhouse Whitefly
Diseases Fungal; Foliar	Alternaria, Anthracnose, Blight (early, late, leaf), Botrytis, Mildew (Powdery, Downey), Stem Mildew, Molds, Rusts, Scab, Southern Blight, (Sclerotium rolfsii), Sour Rot on Grapes
Diseases Fungal; Soil*	Fusarium Oxyporum*, Phthium*, Rhizoctonia Solani*

[*Except in California] [*Not for use in California]



[Above picture of Aphid, Spider Mite, and Whitefly]

STORAGE AND DISPOSAL

Store in a cool dry place out of reach of children and pets and away from direct sunlight, windows, flames and other sources of heat or ignitions. Nonrefillable container. Do not reuse or refill this 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.

NOTICE:
The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Seller. All such risks shall be assumed by the user or buyer.

LIMITED WARRANY:
To the extent consistent by applicable law, seller’s and manufacturer's only obligation shall be to replace such quantity of the product proven to be defective. To the extent consistent by applicable law, neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or indirect, arising out of the use of this product.

{Or alternative text:}

[Note [Notice]: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, the seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, the seller’s liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, seller shall have no liability for consequential damages.]

{Or alternative text:}

[NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.]

EPA Reg. No. 100914-E

[OPTIONAL MARKETING CLAIMS]

- [Use] The Power of Neem
- [Cold Pressed] Neem Oil
- Active Ingredient Derived From Neem
- Plant-based active ingredient [biopesticide] [spray]
- Botanical active ingredient
- Non-toxic mode of action
- Protect your plants from insects and diseases
- [4-in-1] multi-purpose product – Fungicide, insecticide, miticide, and nematicide*
  [*for use on listed pest and crops]
- [For] Use as part of an Integrated Pest Management [program] [strategy]
- **[CG NEEM 84.9 EC]** is an effective, biofungicide, insecticide, miticide, and nematicide for gardening use on vegetables, tree fruits, nuts and vines, citrus, ornamental flowers, shrubs and trees, grass lawns, and houseplants.
- For use on vegetables, [fruits,] [nuts,] [vines,] [citrus,] [ornamental plants,] [shrubs and trees,] [grass lawns,] [houseplants]
- [Also], controls aphids, [beetles,] [stink bugs,] [caterpillars,] [leafhoppers,] [leafminers,] [whiteflies,] [mealy bugs,] [midges,] [spider mites,] [nematodes,] [weevils,] [scales,] [and] [&] [thrips] [other listed insects and nematodes]
- Controls powdery mildew, botrytis, [stem mildew,] [and] [&] [sour rot]
- Use for the prevention and control of powdery mildew, botrytis, stem mildew and others as listed on label.
- Can be applied up to the day of harvest [as a [4 in 1,] multi-purpose product [- fungicide, insecticide, miticide and nematicide *] [*for use on listed pest and crops]
- For use in and around home and home garden
- Peel Here for Directions & Precautions
- Concentrate
- [12 fl. oz. concentrate] [this bottle] makes up to 16 gallons
- [32 fl. oz. concentrate] [this bottle] makes up to 43 gallons