UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:	Date of Issuance:
71908-5	2/27/06

Term of Issuance: Unconditional

Name of Pesticide Product: NEEMAZAL 0.6 EC

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

Name and Address of Registrant (include ZIP Code):

E.I.D. Parry (India) Ltd.
c/o Robert R. Stewart, Ph.D.
Technology Sciences Group Inc.
1101 17th Street. Suite 500, N.W.
Washington, DC 20036

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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his 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 this 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 registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

Make the following modification to your label before your release of your product for shipment:

Change the EPA File Symbol to read EPA Reg. No. 71908-5

Signature of Approving Official:
(See second page for signature)

Date: 2/27/06

EPA Form 8570-6

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

EPA Form 1320-1 (Rev. 5-93)

OFFICIAL FILE COPY

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2. Submit three (3) copies of the final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Sincerely,

Janet L. Andersen, Director
Biopesticides and Pollution
Prevention Division (7511C)

Enclosure

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MASTER LABEL

NEEMAZAL 0.6 EC

ACTIVE INGREDIENT	% By Wt.
Azadirachtin	0.6%
OTHER INGREDIENTS	99.4%
TOTAL	100.00%

Contains 0.0493 lb. azadirachtin per gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION

Sublabel 1: NEEMAZAL 0.6 EC BIOLOGICAL - AZADIRACHTIN-BASED BIOLOGICAL, ANTIFEEDANT, REPELLANT AND INSECT GROWTH REGULATOR, FOR USE ON GREENHOUSE AND OUTDOOR FOOD CROPS, ORNAMENTAL FLOWERS, TREES, SHRUBS AND PLANTS

Sublabel 2 NEEMAZAL 0.6 EC BIOLOGICAL BOTANICAL INSECTICIDE, REPELLANT, ANTIFEEDANT AND INSECT GROWTH REGULATOR (IGR) BIOLOGICAL PRODUCT FOR CONTROL OF INSECTS ON INDOOR AND OUTDOOR TREES, SHRUBS, FLOWERS, FRUIT AND NUT TREES, GARDEN VEGETABLES AND PLANTS, INDOOR AND OUTDOOR VEGETABLES, ORNAMENTAL FLOWERS, TREES, TURFGRASS, SHRUBS AND PLANTS, INCLUDING PLANTS GROWN IN CONTAINERS, INTERIORSCAPES, HOME AND GARDEN USE.

NET CONTENTS _____ GALLONS

EPA Reg No 71908-

EPA Est No [illegible]

EID Parry India Ltd
234 Nsc Bose Road
Dare House
Madras 8000 001India

ACCEPTED
02/27/06
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 71908-5

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Sublabel

NEEMAZAL 0.6 EC

BIOLOGICAL

AZADIRACHTIN-BASED BIOLOGICAL, ANTIFEEDANT, REPELLANT AND INSECT GROWTH REGULATOR

FOR USE ON GREENHOUSE AND OUTDOOR FOOD CROPS,
ORNAMENTAL FLOWERS, TREES, SHRUBS AND PLANTS

ACTIVE INGREDIENT:	% By Wt.
Azadirachtin	0.6%
OTHER INGREDIENTS	99.4%
TOTAL	100.00%

Contains 0.0493 lb. azadirachtin per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call poison control center or doctor for further treatment advice.
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 first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
If swallowed	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT CALL TOLL FREE 1-888-478-0798

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

Si usted no entiende la etiqueta busque a alguien para que se la explique a detalle. If you do not understand the label, find someone to explain it to you in detail.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if absorbed through skin or if inhaled. Avoid breathing vapor. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. 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

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

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic invertebrates. 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 cleaning equipment or disposing of equipment wash water or rinsate.

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

NET CONTENTS __ __ GALLONS

EPA Reg. No.
EPA Est. No.

EID Parry India Ltd
234 NSC Bose Road
Dare House
Madras 8000 001

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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 application. For any requirements specific to your state or tribe, consult the 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 interval. 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:

- Coveralls
- Waterproof gloves
- 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

NEEMAZAL 0.6 EC controls target pests on contact or by ingestion. The product acts on pests by way of repellence, antifeedance and interference with the molting process. The buyer or user is reminded that the degree of efficacy of the product is largely dependent on weather conditions, intensity of pest population, area of application, type of pest, and physical stages of pests and crops.

GENERAL INFORMATION

Read all directions before using this product.

Apply **NEEMAZAL 0.6 EC** as directed to any food or non-food crop up to and including the day of harvest, at a maximum rate of 7 pints/Acre. Refer to the Use Site Section for a complete listing of crops.

MIXING

Shake well before using. Add required amount of **NEEMAZAL 0.6 EC** to a clean spray tank with at least one-half of the water to be sprayed Constant agitation is required, particularly with tank mixes. Agitate the mixture thoroughly and then fill the tank with remaining water and continue agitation. Thorough mixing is necessary for uniform coverage. Non-uniform mixing can cause crop injury or can result in lowered effectiveness. For tank mixes, add other components to the tank containing the **NEEMAZAL 0.6 EC** spray mixture and agitate thoroughly. If tank mixture is allowed to sit, agitation is necessary prior to application. Adjusting the spray mixture pH between 5.5 and 7 will provide optimal performance. Always use this product promptly after mixing with water and do not let tank mix sit for any extended period

COMPATIBILITY: NEEMAZAL 0.6 EC has been found to be compatible with most commonly used pesticides and fertilizers. To Avoid problems, conduct a compatibility test before using this product in a tank mix with other pesticides or with fertilizers. To test for compatibility, mix a small amount of each product, in the appropriate proportions, in a small jar.

PHYTOTOXICITY: NEEMAZAL 0.6 EC has been evaluated for phytotoxicity on a wide range of crops and ornamentals. However, since testing on all varieties of all crops and ornamentals is not feasible, testing a small portion of the area to be treated for phytotoxicity is recommended before treating the entire area Further, all possible combinations or sequences of pesticide sprays, including other fertilizers, surfactants, adjuvants and other pesticides, have not been tested, thus testing for phytotoxicity of spray mixtures is recommended. It is further recommended that spray equipment used to apply NEEMAZAL 0.6 EC be thoroughly cleaned before use. The addition of spray adjuvants may enhance control in some crops under ideal conditions. Addition of certain adjuvants may cause phytotoxicity therefore, the addition of crop oils and other adjuvants should be thoroughly tested before using. The addition of crop oils to spray mixtures is NOT recommended on ornamental crops. Captan, Bordeaux mixtures, and highly alkaline products may cause unacceptable phytotoxicity and/or reduced effectiveness on target pests. Tank mix combinations of **NEEMAZAL 0.6 EC** plus compounds known to be incompatible with oil-based formulations should be avoided or phytotoxicity may occur. "Waxy bloom" on certain crops and ornamental plants may be reduced after a **NEEMAZAL 0.6 EC** application.

APPLICATION INSTRUCTIONS

For optimal performance spray product as soon as possible when pests are expected or when pests first appear. For foliar applications, apply NEEMAZAL 0 6 EC in sufficient spray volume and with adequate spray pressure to ensure complete and thorough coverage of all plant surfaces including both the top and bottom of leaves. Avoid excessive runoff. Best results can be obtained following 2-3 applications made at 7-10 day intervals. When pest pressure is heavy or plant canopy is dense, use higher rates and increase spray frequency. Spraying in the morning or evening hours will provide the best results. Repeat application if rain occurs within two to three hours of spraying.

SPRAY DIRECTIONS

Apply NEEMAZAL 0.6 EC as a foliar spray or a drench to soil or non-soil media to control insects. When needed, soil drenches can also be used to control soil-borne pests, including soil-borne larvae of foliar insect pests. When applying as a drench, avoid excessive leaching. NEEMAZAL 0.6 EC can also be applied through sub-surface soil treatment equipment. Always follow equipment manufacturer's use directions. NEEMAZAL 0.6 EC may be applied using any powered or manual pesticide application equipment which includes, but is not restricted to, high volume, low volume, ultra-low volume, electrostatic, fogging and chemigation Follow the original manufacturer's instructions when using these types of equipment.

DRENCH AND ORNAMENTAL SPRAY DIRECTIONS FOR LABELED PLANTS GROWN IN GREENHOUSES, SHADECLOTHS AND NURSERIES

When used as a soil drench, apply one pint of finished spray for each gallon of soil in the pot. For most pests apply 36-42 oz. of **NEEMAZAL 0.6 EC** per 100 gallons of water. For treatment of harder to control pests, such as Dipteran leafminers, use up to 48 ounces per 100 gallons of water. Do not exceed 112 oz

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of NEEMAZAL 0.6EC per acre per application

RATES

Use NEEMAZAL 0.6 EC at 1.5- 3.0 pints/acre for most pest and crop conditions. Under extremely heavy pest pressure up to 5.25 pints may be used. Do not use less than 10 oz per acre of NEEMAZAL 0.6 EC alone. When tank mixed with other insecticidal products, the rate of NEEMAZAL 0.6 EC may be reduced but not less than 8 oz per acre. Use up to 5.2 oz/1000 square feet for manure and compost treatments.

GENERAL CHEMIGATION INSTRUCTIONS

Apply this product only through one or more of the following types of systems: low pressure, drip or sprinkler (including center pivot, lateral move, end tow, side (wheel) traveler, solid set or hand move). 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.

Do not connect to 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.

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

Dilute NEEMAZAL 0.6 EC with water before introduction into the system. Use the diluted mixture within 8 hours. Do not apply in irrigation water if the pH exceeds 7.0. The optimum pH range for application is 5.5-6.5. If needed, the pH of the irrigation water can be adjusted by use of a suitable buffering agent. Agitation is necessary. Apply at the rate recommended in APPLICATION INSTRUCTIONS using sufficient water to achieve an even distribution.

For Chemigation Systems

Connected to Public Water Systems

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, back-flow 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. Before beginning chemigation, always make sure that the air gap exists and that there is no blockage of the overflow of the reservoir tank.

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 distributed is adversely affected.

In addition, all directions and requirements specified for Sprinkler Irrigation Systems must be followed.

Sprinkler Irrigation Systems

The system must contain a functional check valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

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 that 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.

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

Center pivot, motorized lateral move, or traveling gun types of equipment: Inject into the system for one revolution or run. Shut off injection equipment after one revolution or run but continue to operate irrigation system until NEEMAZAL 0.6 EC has been cleared from the last sprinkler head. Do not use end guns. The system should be run at maximum speed for a foliar application.

Wheel move, side roll, end tow, solid set, or hand move types of equipment. Adjust equipment to inject NEEMAZAL 0.6 EC over a 30-60 minute period. Shut off injection equipment. Continue to operate irrigation system until NEEMAZAL 0.6 EC has been cleared from the last sprinkler head. NEEMAZAL 0.6 EC can be injected at the end of the irrigation cycle or as a separate application. Do not use end guns. NEEMAZAL 0.6 EC must be premixed in a supply tank with water and other appropriate tank-mix chemicals. Agitation is necessary at all times.

Caution must be exercised in irrigation waters with a pH greater than 7. If the irrigation cycle will last longer than 8 hours and the NEEMAZAL 0.6 EC is premixed in the supply tank, the tank mix must be buffered to a pH of 6 or lower. Please contact your Gowan sales representative should this situation apply. Application should be in sufficient water and of sufficient duration to apply the recommended rate evenly over the entire treated area.

No field runoff can be permitted during chemigation.

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USE SITES

AGRICULTURAL USE SITES – Use **NEEMAZAL 0.6 EC** on agricultural use sites including, but not limited to, the following:

BERRIES GROUP such as: Blackberry, Blueberry, Currant, Elderberry, Gooseberry, Huckleberry, Loganberry, Raspberry (black and red), Note: For Strawberries see miscellaneous

BULB VEGETABLES, such as: Garlic, Leek, Onion (dry bulb, green and Welch), Shallot

CEREAL GRAINS and **GRAINS GROUP, such as:** Barley, Buckwheat, Corn, Millet (pearl and Proso), Oats, Popcorn, Rice, Rye, Sorghum (milo), Teosinte, Triticale, Wheat, Wild rice

CITRUS FRUITS, such as: Calamondin, Citrus citron, Citrus hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Orange (sour and sweet), Pummelo, Satsuma mandarin, White Sapote, Uniq Fruit

COTTON AND TOBACCO

CUCURBIT VEGETABLES, such as: Chayote, Chinese waxgourd, Citron melon, Cucumber, Gherkin, Gourd (edible), Muskmelon, Pumpkin, Squash (summer and winter), Watermelon

FORAGE CROPS, including but not limited to, Alfalfa, Clover, Trevoil or Vetch

FRUITING VEGETABLES, such as: Eggplant, Groundcherry, Pepino, Pepper (including bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, Tomato

HERBS AND SPICES GROUP, such as: Allspice, Angelica, Anise (anise seed and star), Annatto (seed), Balm (lemon balm), Basil, Borage, Burnet, Camomile, Caper buds, Caraway, Caraway (black), Cardamom, Cassia bark, Cassia buds, Catnip, Celery seed, Chervil (dried), Chive, Chinese Chive, Cinnamon, Clary, Clove buds, Coriander (cilantro or Chinese parsley – leaf), Coriander (cilantro-seed), Costmary, Culantro (leaf and seed), Cumin, Curry (leaf), Dill (dillweed and seed), Fennel (common, Florence), Fenugreek, Grains of paradise, Horehound, Hyssop, Juniper berry, Lavender, Lemongrass, Lovage (leaf and seed), Mace, Marigold, Marjoram, Mustard (seed), Nasturtium, Nutmeg, Parsley (dried), Pennyroyal, Pepper (black and white), Poppy (seed), Rosemary, Rue, Saffron, Sage, Savory (summer and winter), Sweet bay (bay leaf), Tansy, Tarragon, Thyme, Vanilla, Wintergreen, Woodruff, Wormwood

LEGUME VEGETABLES (Succulent or Dried), such as: Bean, Broad Bean, Chickpea, Guar, Jackbean, Lablab bean, Lentil, Pea, Pigeon Pea, Soybean, Sword bean

LEAFY AND BRASSICA (COLE) VEGETABLES, such as: Amaranth, Arugula, Broccoli, Broccoli raab (rapini), Brussels Sprouts, Cabbage, Cauliflower, Cardoon, Cavalo broccolo, Celery, Chinese Broccoli (gai lon), Chinese Cabbage (bok choy, Napa), Chinese mustard Cabbage (gai choy), Chinese Celery, Celtuce, Chervil, Chrysanthemum (edible-leaved, Garland), Collards, Corn salad, Cress (garden, upland), Dandelion, Dock (sorrel), Endive (escarole), Fennel (florence), Kale, Kohlrabi, Lettuce (head and leaf), Mizuna, Mustard Greens, Mustard Spinach, Orach, Parsley, Purslane (garden, winter), Radicchio (red chicory), Rape Greens, Rhubarb, Spinach, Spinach (New Zealand, vine), Swiss Chard

MISCELLANEOUS, such as: Asparagus, Avocado, Banana, Coffee, Cocoa, Cranberry, Fig, Globe artichoke, Grape, Hops, Kiwifruit, Mango, Mushroom, Okra, Olives, Papaya, Pawpaw, Peanut, Persimmon, Pineapple, Pomegranate, Strawberry, Tea, Water chestnut, Watercress, and all other food crops

POME FRUITS GROUP such as: Apple, Crabapple, Loquat, Mayhaw, Quince, Oriental Pear, or Pear *(Comice varieties: DO NOT apply more than 24 fl oz/A. DO NOT apply after pink stage of flowering; test small areas of other varieties of pears for plant safety prior to full scale useage.)*

ROOT AND TUBER VEGETABLE GROUP, such as: Arracacha, Arrowroot, Artichoke (Jerusalem, Chinese), Beet (garden, sugar), Burdock (edible), Canna (edible), Carrot, Cassava (bitter and sweet), Celeriac (celery root), Chayote (root), Chervil, (turnip-rooted), Chicory, Chufa, Dasheen (taro), Ginger, Ginseng, Horseradish, Jerusalem, Oriental Radish (daikon), Parsley (turnip-rooted), Parsnip, Potato, Radish, Rutabaga, Salsify (oyster plant, black, Spanish), Skirret, Sweet potato, Tanier, Turmeric, Turnip, Yam bean (jicama, mango bean), Yam (true)

STONE FRUIT GROUP such as: Apricot, Cherry (sweet and tart), Nectarine, Peach, Plum (Chickasaw, Damson, Japanese), Plumcot, Prune
TREE AND NUT GROUP, such as: Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia nut (bush nut), Pecan, Walnut (black and English), Pistachios

TROPICAL FRUITS, such as: Papaya, Black Sapote, Canistel, Mamey Sapote, Mango, Sapodilla, Star Apple, Guava, Feijoa, Jaboticaba, Wax Jambu, Star Fruit, Passion Fruit, Surinam Cherry, Lichee, Longan, Spanish Lime, Rambutan, Pulasan, Sugar Apple, Atemoya, Custard Apple, Cherimoya, Ilama, Soursop, and Biriba

ORNAMENTAL USE SITES - NEEMAZAL 0.6 EC may be used on Ornamental use sites including, but not limited to, the following
ORNAMENTAL SHRUBS AND PLANTS, such as: Amaranthus, Aster, Azalea, Ferns, Fuschia, Caladium, Carnation, Chrysanthemum, Dahlia, Daisy, Lilies, Ivy, Ficus, Gardenia, Impatiens, Iris, Jasmine, Lilac, Marigold, Philodendron, Poinsettia, Rose, Zinnia

ORNAMENTAL TREES, such as: Ash, Birch, Cedar, Cypress, Dogwood, Fir, Elm, Juniper, Maple, Oak, Pine, Spruce

CHRISTMAS TREES AND CHRISTMAS TREE PLANTATIONS

NON-CROP USE SITES – use NEEMAZAL 0.6 EC on non-crop use sites including, but not limited to, the following
UNCULTIVATED AGRICULTURAL AREAS, such as: farm yards, fuel storage areas, fence rows, rights-of-way, fallow land, soil bank land, barrier strips
GENERAL SOIL TREATMENTS, such as: Manure, Composts, Cull piles, Mushroom application with no mention of crops to be grown (potting soil, top soil)

PESTS

NEEMAZAL 0.6 EC may be used against the following pests:

Aphids (such as pea aphid, Rosy Apple Aphid), Beetles (such as Japanese beetle), Borers, (such as peachtree borers, peach twig borers), True Bugs, (such as Lygus bugs, stink bugs), Caterpillars, (such as leafrollers, cutworms, loopers, armyworms), Flies (such as walnut husk fly, leafminers and fungus gnats), Leafhoppers, Leafminers, Whiteflies, Mealy Bugs, Midges, Mites, Psyllids (such as pear psylla), Weevils, Scales (such as San Jose scale), Thrips, (such as western flower thrips), and all other insect pests.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by pesticide storage or disposal. Open dumping is prohibited. Do not reuse container.

PESTICIDE STORAGE: Do not store this product above 105 F or below -15 F for extended periods of time. Keep containers tightly closed and in original containers when not in use.

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

CONTAINER DISPOSAL:

Metal - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

Plastic - Triple rinse (or equivalent). Then offer for recycling or reconditioning, 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.

Glass- Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

DISPOSAL INSTRUCTIONS FOR RESIDENTIAL/HOUSEHOLD USE:

If empty: Do not reuse this container. Securely wrap original container in several layers of newspaper and discard in trash, or offer for recycling if available.

If partly filled: Call your local waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

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BIOLOGICAL

BOTANICAL INSECTICIDE, REPELLANT, ANTIFEEDANT AND INSECT GROWTH REGULATOR (IGR)

- BIOLOGICAL PRODUCT FOR CONTROL OF INSECTS ON INDOOR AND OUTDOOR TREES, SHRUBS, FLOWERS, FRUIT AND NUT TREES, GARDEN VEGETABLES AND PLANTS.
- INDOOR AND OUTDOOR VEGETABLES, ORNAMENTAL FLOWERS, TREES, TURFGRASS, SHRUBS AND PLANTS, INCLUDING PLANTS GROWN IN CONTAINERS INTERIORSCAPES, HOME AND GARDEN USE

ACTIVE INGREDIENT	% By Wt.
Azadirachtin	0.6%
OTHER INGREDIENTS	99.4%
	TOTAL 100.00%

Contains 0.0493 lb. azadirachtin per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call poison control center or doctor for further treatment advice.
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 first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
If swallowed	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL TOLL FREE 1-888-478-0798

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION

Harmful if absorbed through skin or if inhaled. Avoid breathing vapor. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. 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

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. 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 cleaning equipment or disposing of equipment washwater or rinsate.

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 application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

NET CONTENTS _____ GALLONS

EPA Reg. No. [illegible]
EPA Est. No. [illegible]

India

EID Parry India Ltd
234 NSC Bose Road
Dare House
Madras 8000 001

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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 interval. 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 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
Waterproof gloves
Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

These requirements apply to uses of this product that are NOT within the scope of the Worker Protection Standard (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 treatment areas without protective clothing until sprays have dried.

This is an end use product. E I D. Parry (India) Ltd. does not intend that this product be reformulated or repackaged except under a toll repackaging agreement.

PRODUCT DESCRIPTION:

NeemAzal 0.6 EC Insecticide is a botanical product for control of insects on indoor and outdoor plants including ornamental trees, shrubs, flowers, garden vegetables, turfgrass, fruit trees and nut trees.

When used as a component of an Integrated Pest Management (IPM) program, NeemAzal 0.6% EC Insecticide provides an effective resistance management tool.

MODE OF ACTION:

NeemAzal 0.6% EC Insecticide controls target pests on contact or by ingestion. The product acts on pests by way of repellence, anti-feedance, and interference with the molting process.

Azadirachtin, an insect growth regulator (IGR), mimics the pests' hormones and disrupts distinct stages of growth and development of insects and mites. The primary mode of action of azadirachtin is an interference with synthesis and metabolism of ecdysone and the juvenile hormone. Ecdysone is the molting hormone of insects and azadirachtin can regulate growth leading to death before or during molting.

INDOOR AND OUTDOOR ORNAMENTAL TREES, SHRUBS, FLOWERS, AND PLANTS ESTABLISHED IN RESIDENTIAL, LANDSCAPE PLANTINGS AROUND INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS, GREENHOUSES, SHADECLOTHS, NURSERIES, AND ATHLETIC FIELDS.

NeemAzal 0.6% EC Insecticide has been evaluated for phytotoxicity on a wide range of ornamentals and crops. However, since testing on all plant varieties is not feasible, test a small portion of the area to be treated for phytotoxicity before treating the entire area. All possible combinations or sequences of pesticide sprays, including other fertilizers, surfactants, adjuvants and other pesticides have not been tested. Thus, testing for phytotoxicity of spray mixtures is recommended.

The professional applicator assumes the responsibility for determining the level of tolerance of treated plants to NeemAzal 0.6 EC Insecticide when applied alone or in tank-mix combinations under commercial growing conditions.

Waxy bloom on some ornamental plants may be reduced after an NeemAzal 0.6 EC Insecticide application.

Applications of NeemAzal 0.6 EC may remove the glaucus 'blue' coloring from evergreens such as Colorado blue spruce and Koster spruce.

Use NeemAzal 0.6% EC Insecticide on the following plants:

Ornamental Plants and Flowers including but not limited to	Actinoptera, African violets*, ageratum, aglaonema, Algerian ivy, allamanda, alocasia, amaranthus, anthurium, aphelandra, arborvitae, Artemisia, aster, aucuba ilex, azalea, baby's breath, begonia, Boston fern, bougainvillea, boxwood, brachycome, cacti, calabrese, caladium, calathea, calendula, calla, camellia, carnation, ceanothus, chrysanthemum, chelania coleus, columbine, cotoneaster, cyclamen, daffodil, dahlia, daisy, daylily, delphinium, dianthus, dieffenbachia, dogwood, dusty miller, Easter lily, English ivy, euphorbia, ficus, ficus foliage plants, foxglove, freesia, fuschia, gaillardia, garden geranium, gerbera, gladiola, gloxinia, gypsophilia, hedera, hibiscus, hyacinth, hydrangea, ilex, impatiens, iris, ivy, jasmine, lace lily, maidenhair fern, mandevilla, marigold, narcissus, nasturtium, orchid*, pansy, pelargonium, peony, pelargonium, petunia, philodendron, phlox, photinia, pieris, pittosporum, poinsettia*, pothos, portulaca, primrose, pyracantha, rhododendron, rose, rosemary, rubber plant, salvia, senecillera, sedum, sempervivum, snapdragon, spathiphyllum, stock,

	syngonium, tulip, verbena, vinca, wandering jew, yucca, zinnia *** Caution is recommended when making applications to these species. Spotting of plant foliage and blossoms is possible.**
Ornamental Trees and Shrubs including but not limited to:	Andromeda, arborvitae, ash, Austrian pine, azalea, beech, birch, birdsnest spruce, blue spruce, bougainvillea, boxwood, butternut, cedar, charmaecyparis, cherry, cotoneaster, crabapple, cyprus, dogwood, Douglas fir, elm, euonymus, firethorn, forsythia, hackberry, hawthorn, hemlock, hickory, holly, honey locust, horse chestnut, juniper, larch, laurel, lilac, linden, London planetree, magnolia, mandevilla, maple, mimosa, mountain ash, myrtle, oak, pachysandra, peach, photinia, pine, planetree, poplar, privet, purpleleaf wintercreeper, quince, sage, spruce, sycamore, white cedar, white pine, yew

PESTS CONTROLLED OR SUPPRESSED

Use NeemAzal 0.6 EC Insecticide against the following pests presented in Table 1.

TABLE 1. TARGET PEST SPECIES OF NEEMAZAL 0.3 EC INSECTICIDE.

HEMIPTERA AND HOMOPTERA	*LEPIDOPTERA*
including but not limited to: **true bugs** including boxelder bugs, chinch bugs, lygus bugs and stink bug; **lacebugs**; **leafhoppers** including grape leafhopper, spittlebug, potato leafhopper and variegated leafhopper; **mealy bugs** including apple mealy bugs, citrus mealy bugs, grape mealy bugs; **whiteflies** including greenhouse whitefly, silverleaf whitefly and sweet potato whitefly and woolly whitefly; **aphids** including apple aphid, green peach aphid, melon aphid, pea aphid, potato aphid and rose aphid; **psyllids** including pear psyllids and **scales** including black scale, brown soft scale, California red scale, coffee scale, olive scale, San Jose scale, and cottony cushion scale.	including but not limited to: **moths** including European pine shoot moth, pine tip moth and Tussock moth; **leafrollers** including blueberry leafroller, filbert leafroller, fruitree leafroller, citrus leafminers, grape leafroller, oblique banded leafroller, omnivorous leafroller; **cutworms** including black cutworm and citrus cutworm; **caterpillars and loopers** including bagworms, budworms, cabbage looper, canker worms, case bearers, caseworms, corn earworm, diamondback moth, fruit worms, grapeleaf skeletonizer, gypsy moth, hornworms, imported cabbageworm, navel orangeworm, soybean looper, spruce budworm, tent caterpillar, tip moths, tent caterpillars, tobacco budworm, tobacco hornworm, tomato pinworm and tussock moth; **armyworms** including beet armyworm, fall armyworm, lawn armyworm, southern armyworm and yellow striped armyworm; **webworms** and **leaf perforators**.
COLEOPTERA	*DIPTERA*
including but not limited to: **beetles, grubs and weevils** including Asian long-horned beetle, bark beetles, black vine weevil, Colorado potato beetle, elm bark beetle, European chafer, flea beetles, Japanese beetle, June beetle, leaf beetles, Mexican bean beetle, Northern masked chafer, rose chafer and Southern masked chafer and twig girders.	including but not limited to: **flies** including Caribbean fruit fly, cherry maggots, crane fly, **fungus gnat**, Hessian fly, oriental fruit fly, Mediterranean fruit fly, marsh crane flies, melon fly, shore fly and walnut husk fly; **leafminers** including citrus leafminers and serpentine leafminers.
THYSANOPTERA	*ACARINA*
including but not limited to: **thrips** including citrus thrips, flower thrips, gladiolus thrips, onion thrips, thrips palmi and Western flower thrips.	including but not limited to: **mites,** red spider mites, brown mite, clover mite, conifer spider mite, European red mite, spruce spider mite, and two-spotted spider mite.
ORTHOPTERA	*HYMENOPTERA*
including but not limited to: **crickets; grasshoppers; locusts**	including but not limited to: **sawflies** including European sawflies, pear sawflies, red-headed pine sawflies, yellow-headed pin sawflies.
NEMATODA	
nematodes (suppression)	

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SPRAY PREPARATION

NeemAzal 0.6 EC Insecticide is an emulsifiable concentrate to be diluted with water
Water as diluent:
Add one-half the required amount of water to the spray tank, then add NeemAzal 0.6 EC Insecticide slowly with agitation, and complete filling the tank with water. To prevent separation of the emulsion, mix thoroughly and continue agitation while spraying

This product forms an emulsion and can separate upon extended or prolonged standing. Re-agitate to assure uniformity of the spray mixture.

It is suggested that the water pH be 5 to 7. Do not use tank additives that alter the pH of the spray solution above pH 7. Buffer the spray solution to alter the pH range as appropriate.

Prepare only the volume needed for the intended application, and use the spray mixture within 24 hours of preparation.

TANK MIXTURES

NeemAzal 0.6 EC Insecticide is an emulsifiable concentrate and is compatible with commonly used pesticides and fertilizers. Always check the physical compatibility using a jar test in the correct proportions if needed.

If a broader spectrum of control is required tank-mix NeemAzal 0.6 EC Insecticide with insecticides or miticides. If a rapid knockdown of heavy populations is necessary, then include an effective contact insecticide/miticide in combination with NeemAzal 0.6 EC Insecticide.

Tank mixture recommendations are for use only in states where the companion product(s) and the application site are registered.

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.*

Select the right companion products:
IPM uses a variety of control options including biological, chemical, and cultural practices. Azadirachtin is botanical with growth regulator effect on insects and mites. Companion products include pyrethroids, spinosyns, microbial toxins, and chloronicotinyls that can complement azadirachtin. Formulations of bifenthrin, spinosad, abamectins, and imidacloprid are effective for different pests. Select the product that has been proven to provide adequate performance for the pests you are trying to control.

Physical Incompatibility
Do not use NeemAzal 0.6 EC Insecticide with Captan, Bordeaux mixture, triphenyltin hydroxide, lime sulfur, Rayplex iron or other highly alkaline materials as they can cause phytotoxicity and/or reduced efficacy on some target pests. Tank-mix combinations with compounds known to be incompatible with oil-based formulations are not to be used or phytotoxicity may occur.

ADJUVANTS

The addition of adjuvants may enhance control under certain conditions; the use of adjuvants or oils may cause phytotoxicity and should be thoroughly tested prior to use. Do not add crop oils to spray mixtures intended for use on ornamental plants, flowers, trees, and shrubs.

APPLICATION EQUIPMENT

Ground Equipment
Apply NeemAzal 0.6 EC Insecticide with hand-operated (manual) or power spray equipment suitable for low volume and/or high volume applications. Follow the recommendations of the equipment manufacturer when using backpack sprayers, hose-end sprayers, compression (pump-up) sprayers, and other sprayers suitable for foliar applications of insecticides.

Chemigation and Subsurface Equipment
NeemAzal 0.6 EC Insecticide may also be applied through chemigation systems and sub-soil treatment equipment; always follow equipment manufacturer's directions.

APPLICATION SCHEDULE

For the most effective control apply the product when pests are expected to appear or as soon as possible after pests appear and are in immature stages. Spray at an interval of seven (7) to ten (10) days or as the situation warrants.

During high pest infestation levels or when canopy is dense use higher dosage (use) rates and increase the spray frequency. Spraying in the morning or evening hours is recommended. Repeat spraying if rain occurs within two to three hours of spraying. For additional guidance, consult with the state agricultural experiment station or local extension horticulturalist/arborist for information on tactics and windows of application.

APPLICATION RATES

Use NeemAzal 0.6 EC Insecticide on ornamental pests as a spray concentration of 0.4 - 2.0 % vol/vol per treatment with high volume applications in Table 2.

The application rates are specified as rate ranges depending upon the pest infestations.
Lower rate ranges are for a spray concentration of 0.4 – 1.0 % vol/vol: Use lower rate ranges for light infestations of lepidopterous insects, at the first sign of or at the first appearance of the early and uniform growth stages of the pest(s) and or tank mixtures with contact insecticides.

Medium rate ranges with a spray concentration of 1.0 – 1.5 % vol/vol: Use medium rate ranges for moderate infestations, when multiple growth stages of the pests and or heterogeneous pesticide populations are present.

Upper rate ranges with a spray concentration of 1.5 – 2.0 % vol/vol: Use upper rate ranges for moderate to heavy pest populations of difficult-to-control pest species, late stages of larva worms, for dense foliage, and or when reinfestations occur.

High Volume Applications:
Apply NeemAzal 0.6 EC Insecticide at spray concentration of 0.4 – 2.0% v/v in sufficient amounts of water to achieve complete coverage. Use an adequate spray volume to wet the leaves (foliage) and stems. Spray volumes will vary with the plant size. Attempt to penetrate dense foliage. Thorough coverage of the upper and lower leaf surfaces is critical for effective levels of control.

Refer to Table 3 for the amounts of NeemAzal 0.6 EC Insecticide required to prepare spray concentrations of 0.4% to 2.0 % for spray volumes of 1 gallon to 200 gallons

Specialized Low Volume Applications:
Select a spray volume to achieve sufficient coverage. Uniform coverage of both upper and lower leaf surfaces is critical for effective insect control.

Apply NeemAzal 0.6 EC Insecticide in a *minimum* spray volume of 5 gallons per acre. Larger plants will require the higher spray volumes (20 - 25 gallons per acre) to obtain sufficient coverage. Do not exceed 20 grams active ingredient per acre per application or 112 fl.oz. of product per acre per application. Refer to Table 4 for the amounts of NeemAzal 0.6 EC Insecticide required to prepare spray concentrations of 0.4% to 2.0% for spray volumes of 5 - 25 gallons per acre

TABLE 2. APPLICATION RATES FOR ORNAMENTALS ESTABLISHED IN RESIDENTIAL, LANDSCAPE PLANTINGS AROUND INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS, GREENHOUSES, SHADECLOTHS, NURSERIES, AND ATHLETIC FIELDS

USE	PESTS	SPRAY CONCENTRATION%	Amounts of Neemazal 0.6 EC Insecticide		
			Fluid ounces per gallon	Fluid ounces per 100 gallons	Quarts per 100 gallons
Including trees, shrubs flowers conifers, evergreens herbaceous ornamentals foliage plants, container-grown ornamentals, plants and groundcovers	Armyworms Azalea caterpillars Aphids Bagworms Black vine weevils Boxelder bugs Budworms Cankerworms Cutworms Eastern tent caterpillars Elm leaf beetles European sawflies Fall webworms Flea beetles Forest tent caterpillars Gypsy moth larvae Japanese beetles June beetles Lace bugs Leaf-feeding caterpillars Leafhoppers Leafminers Leaf rollers Leaf skeletonizers Oleander moth larvae Pine sawflies Pine shoot beetles Pinetip moths Plant bugs Sawflies (larva) Scale insects (crawlers) Spruce budworm Striped beetles Striped oakworms Thrips Tussock moth larvae Brown softscale California redscale (crawler) Clover mites Mealybugs Pineneed escale (crawler) Spider mites Whiteflies and other species identified in Table 1	Lower rate ranges of 0.4 – 1.0% vol/vol Medium rate ranges of 1.0 – 1.5% vol/vol Upper rate ranges of 1.5 – 2.0% vol/vol:	0.51-1.30 fl.oz. 1.30-1.92 fl oz 1.92-2.60 fl oz	51-130 fl oz. 130-192 fl.oz 192-260 fl oz.	1.6-4.0 qts. 4.0-6.0 qts. 6.0-8.0 qts.

TABLE 3. SPRAY PREPARATION FOR HIGH VOLUME APPLICATIONS FOR SPRAY CONCENTRATIONS OF 0.4% to 2.0%.

Gallons Of Water	Amounts of NeemAzal 0.6 EC Insecticide For:							
	0.4%	0.5%	0.75%	1.00%	1.25%	1.50%	1.75%	2.00%
1 gallon	0.51 fl.oz.	0.64 fl.oz.	0.96 fl.oz.	1.28 fl.oz.	1.60 fl.oz.	1.92 fl.oz.	2.20 fl.oz.	2.56 fl.oz.
5 gallons	2.56 fl.oz.	3.2 fl.oz.	4.8 fl.oz.	6.4 fl.oz.	8.0 fl.oz.	9.6 fl.oz.	11.0 fl.oz.	12.8 fl.oz.
10 gallons	5.1 fl.oz.	6.4 fl.oz.	9.6 fl.oz.	12.8 fl.oz.	16.0 fl.oz.	19.2 fl.oz.	22.0 fl.oz.	25.6 fl.oz.
25 gallons	12.8 fl.oz.	16.0 fl.oz.	24.0 fl.oz.	32.0 fl.oz.	40.0 qts.	48.0 fl. oz.	55.0 fl.oz	64.0 fl.oz
50 gallons	25.6 fl. oz	1.0 Qts.	1.5 Qts.	2.0 Qts.	2.5 Qts.	3.0 Qts.	3.4 Qts.	4.0 Qts.
100 gallons	1.6 Qts.	2.0 Qts.	3.0 Qts.	4.0 Qts.	5.0 Qts.	6.0 Qts.	6.9 Qts.	8.0 Qts.
150 gallons	2.4 Qts.	3.0 Qts.	4.5 Qts.	6.0 Qts.	7.5 Qts.	9.0 Qts.	10.3 Qts.	12.0 Qts.
200 gallons	3.2 Qts.	4.0 Qts.	6.0 Qts.	8.0 Qts.	10.0 Qts.	12.0 Qts.	13.7 Qts.	16.0 Qts.

TABLE 4. SPECIALIZED SPRAY PREPARATION FOR LOW VOLUME APPLICATIONS OF 5 - 25 GALLONS PER ACRE WITH SPRAY CONCENTRATIONS OF 0.4% to 2.0%.

Spray Concentration Desired, % vol/vol	Spray Volume, Gallons Per Acre				
	5 gpa	10 gpa	15 gpa	20 gpa	25 gpa
0.40% v/v	2.6 fl.oz./acre	5.2 fl.oz./acre	7.8 fl.oz./acre	10.4 fl.oz./acre	13.0 fl.oz./acre
0.50% v/v	3.2 fl.oz./acre	6.4 fl.oz./acre	9.6 fl.oz./acre	12.8 fl.oz./acre	16.0 fl.oz./acre
0.75% v/v	4.8 fl.oz./acre	9.6 fl.oz./acre	14.4 fl.oz./acre	19.2 fl.oz./acre	24.0 fl.oz./acre
1.00% v/v	6.4 fl.oz./acre	12.8 fl.oz./acre	19.2 fl.oz./acre	25.6 fl.oz./acre	32.0 fl.oz./acre
1.25% v/v	8.0 fl.oz./acre	16.0 fl.oz./acre	24.0 fl.oz./acre	32.0 fl.oz./acre	40.0 fl.oz./acre
1.50% v/v	9.6 fl.oz./acre	19.2 fl.oz./acre	28.8 fl.oz./acre	38.4 fl.oz./acre	48.0 fl.oz./acre
1.75% v/v	11.2 fl.oz./acre	22.4 fl.oz./acre	33.6 fl.oz./acre	44.8 fl.oz./acre	56.0 fl.oz./acre
2.00% v/v	12.8 fl.oz./acre	25.6 fl.oz./acre	38.4 fl.oz./acre	51.2 fl.oz./acre	64.0 fl.oz./acre

SPECIFIC USE INSTRUCTIONS:

Decision-making for IPM:
Scouting, monitoring, sampling, record-keeping, and predictive models are techniques to determine *if* and *when* insecticide/miticide applications are needed. The application schedule should coincide with the most vulnerable stage of the pest. For azadirachtin, target the most vulnerable stages of young larvae and young nymphs. The early larval stages and the early instar stages are more susceptible to this IGR than the later stages of the same pests.

For *Lepidoptera:*
- Armyworms: Apply when larvae are small.
- Bagworms: Apply when bags are small and larvae are actively feeding.
- Gypsy moth larvae: Apply when larvae are small and all eggs have hatched.
- Spruce budworms: Apply when larvae are exposed and actively feeding.

For *Acarina:*
- Spider mites: Apply when nymphs are first observed and before mite populations have become severe. Use multiple applications with 7-10 day intervals until infestation is controlled. Thorough coverage of both upper and lower leaf surfaces is needed.

For *Thysanoptera:*
- Thrips. Apply early at first signs of infestation and repeat until infestation is controlled.

For *Hymenoptera:*
- Sawfly: Apply when larvae are small. Refer to tree injection method of this label.

For *Hemiptera* and *Homoptera:*
- Leafhoppers: Apply when first observed and repeat applications at 5 - 7 day intervals.
- Mealybugs: Obtain thorough coverage of leaves and twigs.
- Scale: Obtain thorough coverage of leaves and twigs.

For *Coleoptera:*
- Beetles Apply early at first signs of infestation and repeat applications at 7 - 10 day intervals.
- Japanese beetle (adults): Use foliar applications to repel adult feeding and treat at 5 - 7 day intervals.

For *Diptera:*
- Leafminers: Apply early to larvae when stippling or mining of leaves is first observed. Repeat applications at 7 - 10 day intervals until infestation is controlled.

TURFGRASS ESTABLISHED IN RESIDENTIAL (LAWNS), INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL SITES, PARKS, RECREATIONAL AREAS, GOLF COURSES, SOD FARMS, AND ATHLETIC FIELDS

Use NeemAzal 0.6% EC Insecticide to control the pests presented in Table 5. Dilute NeemAzal 0.6% EC Insecticide in water.

The most vulnerable stage to this product is young larvae and nymphs. Schedule treatments for the early larval stages and early instars when populations are established but before turf damage becomes noticeable

The maximum rate on turfgrass of NeemAzal 0.6% EC Insecticide is 112 fl.oz. of product per acre per application or 2.6 fl.oz. product per 1,000 sq.ft. per application. Apply at a rate up to112 fl oz. of product per acre. Use the higher rate specified on this label for moderate to heavy infestations.

Irrigation:

Avoid (delay or postpone) irrigation for 12 - 24 hours after application of this product.

Mowing:

Avoid (delay or postpone) mowing of the treated area for 12 - 24 hours after treatment.

Degree day and plant phenology models can assist in developing the appropriate application schedule for the target pests. Consult your state university or local Cooperative Extension Service office for specific pest control application timing in your area

NeemAzal 0.6 EC insecticide can be tank mixed with other insecticide/miticides if a broader spectrum of pest control is required Observe all precautionary statements and follow all label directions of companion product(s).

Specific Use Instructions:

1. Armyworms Apply during the early morning or late afternoon to maximize control
2. Sod webworm larvae Applications in the late afternoon or early evening can maximize control

TABLE 5. APPLICATION RATES FOR TURFGRASS ESTABLISHED IN RESIDENTIAL (LAWNS), INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL SITES, PARKS, RECREATIONAL AREAS, GOLF COURSES, SOD FARMS, AND ATHLETIC FIELDS.

Use	PESTS	Amount of NeemAzal 0.6EC		Spray Volumes		Number of Applications & Interval Days
		fl.oz./acre	fl.oz./1,000 sq.ft.	gals./acre	gals./1000 sq.ft.	
Cool season and Warm Season Turfgrass	*Larvae and nymphs of these pests including but not limited to* Armyworms Bermudagrass mite Cutworms Grasshopper Sod webworm Ticks Chiggers	Up to 112 fl oz	Up to 2.6 fl oz	40 - 100 gpa	1-2 gal/1,000 sq ft	As needed 7 days

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DRENCH APPLICATION FOR GREENHOUSES, NURSERIES, INTERIORSCAPES AND FOR PLANTS GROWN IN CONTAINERS:

Use NeemAzal 0.6 EC Insecticide as a soil drench for effective control of soil-borne insect larvae, including soil-borne larvae of foliar pests, such as fungus gnats, nematodes or soil borne thrips. When applying as a drench, avoid excessive leaching.

Preventive applications as a soil drench may be warranted for certain pests. Soil drench applications of azadirachtin will have a slower rate of activity because of soil absorption when compared to foliar applications of azadirachtin. Target the initial application of a soil drench treatment to coincide with the early stages of young larvae and young nymphs.

Dilute NeemAzal 0..6 EC Insecticide with water for concentrations of 0.28 to 0.32 % vol/vol. Drench the soil in the pot with one (1) pint of finished spray per 1.0 gallon of soil. For fungus gnats, use the 0.28% spray concentration. For mushroom fly maggot control, use the 0.30% vol/vol spray concentration. For leafminers and other difficult to control pests, use the 0.32 % vol/vol spray concentration. Two to three (2-3) applications should be scheduled at 10-14 day intervals until the pest pressure has ended.

DILUTION TABLE FOR DRENCH APPLICATIONS

Gallons of Water	Amount of NeemAzal 0.6 EC Insecticide				Applicationf Interval	Number of Applications
	0.28%	0.29%	0.30%	0.32%		
1 gallon	10.6 Tbs.	11.0 Tbs.	11.4 Tbs.	12.1 Tbs	10 - 14 days	2 - 3
5 gallons	1.8 fl.oz.	1.9 fl.oz.	1.9 fl.oz.	2.0 fl.oz	10 - 14 days	2 - 3
10 gallons	3.6 fl.oz.	3.8 fl.oz.	3.8 fl.oz.	4.0 fl.oz	10 - 14 days	2 - 3
100 gallons	36 fl. oz	38 fl.oz	38 fl.oz	40 fl. oz	10 - 14 days	2 - 3

NeemAzal 0.6 EC Insecticide can also be applied through sub-surface treatment equipment. Always follow manufacturer's use directions.

INSTRUCTIONS FOR GARDEN CROPS, VEGETABLES, HERBS AND SPICES, FRUITS, AND BERRIES

- For the most effective control, spray the product as soon as possible after pests appear and are in immature stages.
- Spray at an interval of seven to ten days or as the situation warrants. During high pest infestation levels use higher label rates and increase the spray frequency.
- Spraying in the morning or evening hours is recommended.
- Repeat spraying if rain occurs within two to three hours of spraying.

SPRAY EQUIPMENT

Use any suitable application equipment to ensure uniform coverage.

USE RATES

Apply NeemAzal 0.6 EC Insecticide as directed to any food or non-food crop up to and including the day of harvest, at a maximum rate of 112 fl.ozs. (20 grams active ingredient) per acre (2.6 fl.oz. per 1,000 sq.ft.) per application. Rates in Table 6 pertain to typical pest infestations.

Apply NeemAzal 0.6 EC Insecticide alone to food/garden crops on the day of harvest.

Dilute this product with water at 1- 8.0 tablespoons (Tbs) per gallon of water. For hose end sprayers, set the RATE PER GALLON at the dial setting of 1 to 8.0 Tbs. depending on the crop and pests. Use the lower RATE PER GALLON for low to moderate infestations and use the higher specified RATE PER GALLON for severe infestations.

TABLE 6. USE RATES FOR GARDEN CROPS, VEGETABLES, HERBS AND SPICES, BERRIES AND FRUIT.

CROP	PESTS such as:	Dilution Rate for Sprayers	
		Fl.Ozs. of product per 1,000 Sq.Ft.	Tbs. of product per 1.0 gallon of water
Leafy Vegetables including but not limited to: **Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Endive, Kale, Lettuce, Spinach**	Leafrollers, Cutworms, Loopers, Armyworms	0.38 – 1.92 fl.ozs.	1 ½- 7 1/2 Tbs.
	True Bugs, Leafhoppers, Whiteflies, Aphids, Beetles, Weevils, Flies, Thrips, Mites	0.48 - 0.1.92 fl.ozs.	1 ¾- - 71/2 Tbs.
Root Vegetables, including but not limited to: **Beet, Carrot, Horseradish, Parsnip, Potato, Radish, Sweet potato, Turnip, Yams**	Beetles, Weevils	0.48 – 1.92 fl.ozs.	1 3/4- -71/2 Tbs
	True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Thrips, Mites	0.48 – 1.92 fl.ozs.	1 ¾- 7 1/2Tbs.
Fruiting Vegetables including but not limited to: **Eggplant, Pepper, Tomatillo, Tomato**	Beetles, Weevils	0.48 –1.92 fl.ozs.	1 3/4- 71/2 Tbs
	Thrips	0.58 – 1.92 fl.ozs.	2 ½- 71/2 Tbs.
	True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites	0.48 – 1.92 fl.ozs.	1 3/4 -71/2 Tbs.

CROP	PESTS such as:	Dilution Rate for Sprayers	
		Fl.Ozs. of product per 1,000 Sq.Ft.	Tbs. of product per 1.0 gallon of water
Cucurbit Vegetables including but not limited to Cucumber, Gourd (edible), Muskmelon, Pumpkin, Squash, Watermelon including Cantaloupe, Casaba, Gherkins, Melons (including hybrids), Zucchini	Beetles, Weevils	0.58 –1.92 fl.ozs.	2 ¼ - 71/2Tbs
	Thrips	0.58 – 1.92 fl.ozs.	2 1/4 –71/2 Tbs
	True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites	0.48 – 1.92 fl ozs.	1 3/4 -71/2 Tbs
Legume Vegetables including but not limited to Bean, Chickpea, Lentil, Pea	Beetles, Weevils	0.58 – 1 92 fl ozs.	2 1/4- 71/2 Tbs
	Thrips	0.58 –1 92 fl ozs	2 ¼ - 71/2 Tbs
	True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites	0.48– 1 92 fl ozs	1 ¾-- 71/2 Tbs
Bulb Vegetables including but not limited to Garlic, Onion, Shallot	Beetles, Weevils	0.58 –1 92 fl.ozs.	2 1/4 – 71/2 Tbs
	Thrips	0.58—1 92 fl ozs.	2 ¼ - 7 1/2 Tbs
	True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites	0.48 –1 92 fl ozs	1 ¾- 71/2 Tbs
Berries including but not limited to: Blackberry, Blueberry, Raspberry, Strawberry, others include: Boysenberry, Currants, Dewberry, Elderberry, Gooseberry, Loganberry	Beetles, Weevils	0.58 –1 92 fl ozs	2 ¼- 7 ½ Tbs
	Thrips	0.58 –1 92 fl ozs	2 ¼-- 7 ½ Tbs
	True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites	0.48 – 1 92 fl ozs.	1 ¾ - 7 1/2 Tbs
Herbs and Spices including but not limited to Chive, Dill, Fennel, Mustard, Sage, Sweet bay, others include: Anise, Balm, Basil Black pepper, Borage, Caraway, Catnip, Chamomile, Coriander, Cumin, Curry leaf, Dandelion, Fenugreek, Horehound, Hyssop, Marjoram, Marigold, Mint, Nasturtium, Pennyroyal, Peppermint, Rosemary, Savory, Spearmint, Tansy, Tarragon, Thyme, Wintergreen, Woodruff, Wormwood	Beetles, Weevils	0.58 –1 92 fl ozs.	2 ¼- 7 ½ Tbs
	Thrips	0.58 –1 92 fl ozs	2 1/4- 7 ½ Tbs
	True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites	0 48 – 1 92 fl ozs	1 ¾-- 7 1/2 Tbs
Nut Trees including but not limited to: Almond, Brazil nut, Filbert, Hickory nut, Pecan, Pistachios, Walnut	Beetles, Weevils	0.58 –1 92 fl ozs	2 ¼ -7 1/2 Tbs
	Thrips	0 58 –1 92 fl ozs	2 ¼-- 71/2 Tbs
	True Bugs, Leafhoppers, Whiteflies, Aphics, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites	0 48 –1 92 fl ozs	1 3/4 – 71/2 Tbs
Pome Fruits including but not limited to: Apple, Quince, or Pear *(Comice varieties DO NOT apply more than 2.4 fl oz/A DO NOT apply after pink stage of flowering test small areas of other varieties of pears for plant safety prior to full scale useage*	Beetles, Weevils	0 58 – 1 92 fl ozs	2 ¼- 7 ½ Tbs
	Thrips	0 58 –1 92 fl ozs	2 ¼- 7 ½ Tbs
	True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites	0.48 – 1 92 fl ozs	1 ¾- 7 ½ Tbs
Stone Fruits including but not limited to: Apricot, Cherry, Nectarine, Peach, Plum	Beetles, Weevils	0 58 – 1 92 fl ozs	2 ¼- 7 ½ Tbs
	Thrips	0 58 – 1 92 fl ozs	2 ¼- 71/2 Tbs
	True Bugs, Leafhoppers, Whiteflies, Aphids Leafrollers, Cutworms, Loopers Armyworms, Flies, Mites	0 48 –1 92 fl ozs	1 ¾- 7 ½ Tbs
Citrus Fruits including but not limited to: Grapefruit Lemon, Lime, Orange others include: Citrus	Beetles Weevils	0 58 1 92 fl ozs	2 ¼-7 ½ Tbs
	Thrips	0 58— 1 92 fl ozs	2 ¼- 7 ½ Tbs
	True Bugs, Leafhoppers, Whiteflies,	0 48 –1 92 fl ozs	1 ¾- 7 ½ Tbs

CROP	PESTS such as:	Dilution Rate for Sprayers	
		Fl.Ozs. of product per 1,000 Sq.Ft.	Tbs. of product per 1.0 gallon of water
Citron, Mandarin (**tangerine**), Nectarine, **Satsuma** (orange **mandarin**), Tangerine	Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites		

CHEMIGATION GENERAL INFORMATION

NeemAzal 0.6 EC Insecticide may be applied through drip (trickle) or sprinkler irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues can result from non-uniform distribution of treated water. Questions concerning calibration should be directed to your State Extension Service Specialist, the equipment manufacturer or other expert.

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. Direct your questions concerning calibration to your State Extension Service Specialist, the equipment manufacturer, or other expert. A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of a responsible person, shall shut the system down and make necessary adjustments should the need arise.

Dilute NeemAzal 0.6 EC Insecticide with water before introduction into the system. Use the diluted solution within 8 hours. Do not apply in irrigation water if the pH exceeds 7.0. The optimum pH range for application is 5.5 to 6.5. The pH of the irrigation water can be adjusted by use of a suitable buffering agent. Agitation is necessary. Apply at the specified rate using sufficient water to achieve an even distribution within an 8-hour period. Do not apply NeemAzal 0.6 EC Insecticide at a rate that exceeds 7.0 pints (112 fl.oz) or active ingredient 20 gms/ per acre/application.

Caution must be exercised in irrigation waters with a pH greater than 7. If the irrigation cycle will last longer than 8 hours and the Neemazal 0.6 EC Insecticide is premixed in the supply tank, the tank mix must be buffered to a pH of 8 or lower.

Precautions For Chemigation Systems Connected To A Public Water System
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 a year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ), backflow preventer 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 flow outlet end of the fill pipe and the top of 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 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, or in the 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 speeds favor drift beyond the area intended for treatment.

Operation Of Sprinkler Chemigation Or Drip (Trickle) Utilizing A Pressurized Water And Pesticide Injection System: 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. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid 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 that 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.

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

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.

PESTICIDE STORAGE: Do not store this product above 105°F or below -15°F for extended periods of time. Keep containers tightly closed and in original containers when not in use.

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

CONTAINER DISPOSAL:

FOR PLASTIC CONTAINERS - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or if allowed by state and local authorities by burning. If burned stay out of smoke.

FOR METAL CONTAINERS (DRUMS) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of container in a

sanitary landfill, or by other procedures approved by state and local authorities.

DISPOSAL INSTRUCTIONS FOR RESIDENTIAL/HOUSEHOLD USE:

If empty: Do not reuse this container. Securely wrap original container in several layers of newspaper and discard in trash, or offer for recycling if available.

If partly filled: Call your local waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

Advertising claims that may be presented on the retail container label or on the labeling accompanying the product.

- Controls mites, caterpillars, whiteflies, thrips, aphids, and other insects as listed on this label.
- Organic certified
- Controls chewing and sucking insects
- Seven to Fourteen (7-14) day residual
- Tank-mix flexibility
- CAUTION signal word
- Low-odor formu ation
- Broad-spectrum control
- Can be applied the day of harvest
- For use on a wide variety of trees, shrubs, flowers, fruit and nut trees, garden vegetables and plants
- Low (Mild) odor
- Not persistent in the environment
- Organic Materia s Review Institute (OMRI) Certified.

EPA Text Pending. NEEMAZALT/S 1.2 EC (Master Label to EPA 09-27-04)