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:**
88306-4	9/10/2015

Term of Issuance:
Unconditional

Name of Pesticide Product:
Neo-Boost

Name and Address of Registrant (include ZIP Code):

Agri-Neo Inc.
20 F Street, Suite 700
Washington, DC 20001

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.

Signature of Approving Official:

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

Date:

9/10/2015

EPA Form 8570-6

3. Make the following labeling change before you release this product for shipment:

    - Revise the EPA Registration Number to read, "EPA Reg. No. 88306-4."

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

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 04/07/2015

If you have any questions, please contact Ms. Menyon Adams, Biochemical Pesticides Branch by phone at (703) 347-8496 or via email at adams.menyon@epa.gov.

Sincerely,

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

Enclosure

Master Label

Sublabel A: Greenhouse, Nursery and Field Use
Sublabel B: Turf and Landscape Use
Optional Label Claims

Neo-Boost

Active Ingredients:
Sodium Percarbonate.....51.00%
Tetraacetylethylenediamine 9.99%
Potassium Silicate.....17.89%
Other Ingredients: 21.12%
Total:.....100.00%
This product is equivalent to 5% Peroxyacetic Acid (PAA) and 17.89% Potassium Silicate.

EPA Reg. No.: (pending as 88306-U)

Manufactured by:
Agri-Neo Inc.
20 F Street, Suite 700,
Washington DC 20001

ACCEPTED
09/10/2015
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 88306-4

Sublabel A: Greenhouse, Nursery and Field Use

Strawberries, Rice, Nonbearing apple trees, Nonbearing fruit trees, Seeds, plugs and transplants of fruiting vegetables and crucifers, Ornamental and grasses.

Neo-Boost

Granular Bactericide/Fungicide/Insecticide/Miticide
For use in registered crops for disease and pest control and plant health

Active Ingredients:

Sodium Percarbonate	51.00%
Tetraacetylethylenediamine	9.99%
Potassium Silicate	17.89%
Other Ingredients:	21.12%
Total:	100.00%

This product is equivalent to 5% Peroxyacetic Acid (PAA) and 17.89% Potassium Silicate.

KEEP OUT OF REACH OF CHILDREN
DANGER/PELIGRO

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

FIRST AID	
If in eyes	● Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. ● Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. ● Call a poison control center or doctor for treatment advice.
If 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 swallowed	● Call 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. ● Do not give anything by mouth to an unconscious person.
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 treatment advice.
HOTLINE NUMBER Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	
NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage.	

See (back) (side) panel for additional precautionary statements and directions for use.

EPA Reg. No.: (pending as 88306-U)
EPA Est. No.:
Net Weight: (5, 10, 20, 50 lbs.)
Batch No. / Lot Code:
Manufactured by:
Agri-Neo Inc.
20 F Street, Suite 700, Washington DC 20001

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS – DANGER: Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or inhaled. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Wear protective eyewear, protective clothing and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and handlers must wear: ● coveralls over long-sleeved shirt, long pants ● chemical resistant footwear plus socks ● chemical resistant gloves ● protective eyewear (goggles or face shield). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS: Users should wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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

PHYSICAL AND CHEMICAL HAZARDS: Corrosive. Strong oxidizing agent. Do not bring in contact with other cleaners or oxidative agents.

DIRECTIONS FOR USE

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

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted entry intervals (REI). The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 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, and shoes plus socks

EXCEPTION: if the product is soil incorporated, the worker protection standard, under certain circumstances, allows workers to enter the treated areas if there will be no contact with anything that has been treated.

USE DIRECTIONS: This product will:

- control bacterial and fungal pathogens in both the greenhouse and the field
- prevent the establishment and spread of new infections
- induce systemic response (ISR) to prevent subsequent disease outbreaks
- directly control spider mites, aphids, whiteflies and other chewing and sucking insects such as: Adelgids, Mealybugs, Tent Caterpillars, Plant Bugs, Thrips, Earwigs, Psyllids, Grasshoppers, Sawfly Larvae, Woolly Aphids, Lace bugs, Scales, Leafhoppers.
- by irritation and indirectly by systemic response from the crop

Apply early season to greenhouse, nursery or field grown rice and strawberries and other listed growing plants using conventional spray application equipment or through all types of irrigation systems.

USE RESTRICTIONS: Do not apply Neo-Boost within 25 feet of any crop that is not listed on this label.

MIXING DIRECTIONS: Add the specified amount of Neo-Boost to a clean tank; then fill the tank ¾ full with water and mix for 10-15 minutes. When used in Integrated Pest Management (IPM) programs, single-site fungicides (i.e. strobilurins, azoles) are then added at their specified label rate and mixed while filling the tank with water to its full desired volume. The tank mix is ready to be applied to the labeled use sites.

No pH or water temperature adjustment is required. It is normal if the solution is slightly cloudy and foamy. The solution must stand for 30 minutes before applying to plants. Solutions are effective for at least 12 hours after mixing

Always perform a compatibility test (see COMPATIBILITY section) between this product and other products intended to be tank mixed with it. Do not combine Neo-Boost with fungicides containing manganese under any circumstances. Do not mix Neo-Boost with metal ion based products (i.e. copper, Mancozeb). This product requires a chelator to be mixed with metal ion based fungicides or fertilizers. Consult your Agri-Neo representative for additional information.

GROUND AND AERIAL APPLICATIONS: Apply Neo-Boost with ground and aerial equipment with quantities of water sufficient to provide thorough coverage. The amount of water needed per acre will depend upon crop development, weather, application equipment, and local experience. Do not spray when wind speed favors drift beyond the area intended for use. Avoiding spray drift is the responsibility of the applicator.

For conventional air and ground applications, use at least 10 gallons of total volume per acre in water-based sprays.

COMPATIBILITY: Consult specific product labels for additional information or restrictions concerning tank mixing. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. It is always advisable to conduct a spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank. Use tank-mix combinations on a small number of plants before treating large

areas, as crop sensitivity to these mixtures may vary.

Neo-Boost has been evaluated for phytotoxicity on a variety of crops and plants under various normal growing conditions. However, testing all crop varieties, in all mixtures and combinations is not feasible. Prior to treating entire crop, test a small portion of the crop for sensitivity.

For Integrated Pest Management (IPM) program: Add single-site fungicides [(Azoxystrobin), (Pyraclostrobin), (Pyraclostrobin and Boscalid), (Azoxystrobin and Propiconazole), (Cyprodinil & Fludioxonil), (Propiconazole and Trifloxistrobin), etc.] at their specified label rate in the same tank with Neo-Boost and mix while filling the tank with water to its full desired volume. The tank mix is ready to be applied to the labeled use sites.

For Bacterial control: Neo-Boost alone in the tank or mixed with liquid copper octanoate fungicides (5ml/L maximum).

For Fungal control: Apply Neo-Boost alone or mixed with single-site fungicides.

MODES OF ACTION: Neo-Boost, in contact with water, generates peroxyacetic acid (PAA), which is a potent contact bactericide and fungicide. This multi-site reaction causes pathogen cell walls and membranes to explode under their own internal pressure. Moreover, Neo-Boost contains potassium silicate, an insecticidal/miticidal active ingredient that is an irritant to pests. Potassium silicate is also an Induced Systemic Response (ISR) elicitor that causes the host plant to produce pathogen-digesting enzymes. The ISR inducer also reinforces and strengthens host plant cell walls against pathogen attacks and chewing and sucking insect pests, resulting in healthier plants and higher yields.

APPLICATION DIRECTIONS FOR FOOD CROPS (RICE AND STRAWBERRIES):

CROP	DISEASES and PESTS	AMOUNT OF Neo-Boost PER ACRE	APPLICATION INTERVAL	APPLICATION RESTRICTIONS
Strawberries	Angular Leaf Spot (*Xanthomonas fragariae*) *Botrytis cinerea* Powdery Mildew (*Podosphaera aphanis*) Spider Mites, Whiteflies, and other chewing and sucking insects	1 – 4 lbs/acre	7 days	**Do <u>not</u> exceed 3 applications per crop at a maximum of 4 lbs/acre.** Apply early in the season, up to 45 days after planting, to knockdown the population of bacteria and fungi, control mite and insect pests, and allow the potassium silicate SAR inducer to be activated. Last application of the product must be made at least 15 days before harvest. **Do not exceed 5% (w/v) of the product in tank mix applications. Do not exceed 50 kg of product in 1000L water tank.**
Rice	Bacterial panicle blight (*Burkholderia glumae*) Narrow brown leaf spot (*Cercospora janseana*) Sheath blight (*Rhizoctonia solani*) Rice Blast (*Magnaporthe oryzae*) Smut (*Neovossia horrida*) Stem rot (*Magnaporthe salvinii*) Mites, Thrips, and other chewing and sucking insects	1 – 4 lbs/acre	7 days	**Do <u>not</u> exceed 2 applications per crop at a maximum of 4 lbs/acre.** Apply before the rice kernels emerge from inside the plant, at least 60 days before harvest. **Do not exceed 5% (w/v) of the product in tank mix applications. Do not exceed 50 kg of product in 1000L water tank.**

APPLICATION DIRECTIONS FOR NON-FOOD CROPS (I.E. NONBEARING APPLE TREES, OTHER NONBEARING FRUIT TREES, SEEDS, PLUGS AND TRANSPLANTS OF FRUITING VEGETABLES AND CONIFERS, BEDDING PLANTS, ORNAMENTALS AND GRASSES GROWN FOR SEED AND SOD PRODUCTION) :

APPLICATION SITE	DISEASES and PESTS	AMOUNT OF Neo-Boost PER ACRE	APPLICATION INTERVAL	APPLICATION RESTRICTIONS
Nonbearing Apple Trees	Anthracnose Cedar Apple Rust Fire Blight (*Erwinia amylovora*) Flyspeck Quince Rust Apple Scab Sooty Blotch Spider Mites, Aphids, Plum Curculio and other chewing and sucking insects	3 – 6 lbs/acre	5 days	**Do <u>not</u> exceed 2 applications per year.** Apply only early in the season during bloom when no harvestable commodities are present. Spray trees at 10-30% bloom. Do not apply within 40-50 days of harvest. **Do not exceed 5% (w/v) of the product in tank mix applications. Do not exceed 50 kg of product in 1000L water tank.**
Other Nonbearing Fruit Trees including: pear, almond, apricot, cherry, nectarine, peach, walnut	*Anthracnose* Blossom Blast and Speck (*Pseudomonas*) Bacterial Canker (*Pseudomonas syringae*) Bacterial Spot (*Xanthomonas*) Blossom Blight *Botrytis* spp. Brown Rot *Clavibacter* *Coryneum* Blight (shot-hole) Downy mildew Fire Blight (*Erwinia amylovora*) Late Blight Leaf and Fruit Spots Leaf Blight	3-6 lbs/acre	5 days	**Do <u>not</u> exceed 2 applications per year.** Apply only early in the season during bloom when no harvestable commodities are present. Spray trees at 10-30% bloom. Do not apply within 40-50 days of harvest. **Do not exceed 5% (w/v) of the product in tank mix applications. Do not exceed 50 kg of product in 1000L water tank.**

APPLICATION SITE	DISEASES and PESTS	AMOUNT OF Neo-Boost PER ACRE	APPLICATION INTERVAL	APPLICATION RESTRICTIONS
	Powdery Mildew *Rhizoctonia* Bacterial Spot (*Xanthomonas*) Bacterial Speck (*Pseudomonas*) Bacterial Canker (*Clavibacter*) Spider Mites, Aphids, Plum Curculio and other chewing and sucking insects			
Seeds, plugs and transplants of fruiting vegetables and crucifers including: Tomatoes Chili Pepper Bell Pepper Broccoli, Brussels Sprouts, Canola, Cauliflower, Cabbage, Kale, Kohlrabi, Mustard, Pak-choi, Rape, Rutabaga, Turnip	Bacterial Wilt (*Ralstonia*) Powdery Mildew Downy Mildew Early Blight Late Blight Gray Mold Leaf Mold *Anthracnose* Spider Mites, Aphids, and other chewing and sucking insects	2 – 3 lbs/acre	4 - 7 days	**Do <u>not</u> exceed 2 applications per crop.** **Do not apply after transplanting.** Apply to transplants to knockdown the population of bacteria and fungi and allow the potassium silicate SAR inducer to be activated. **Do not exceed 5% (w/v) of the product in tank mix applications. Do not exceed 50 kg of product in 1000L water tank.**

APPLICATION SITE	DISEASES and PESTS	AMOUNT OF Neo-Boost PER ACRE	APPLICATION INTERVAL	APPLICATION INSTRUCTIONS
Ornamentals And Grasses Grown for Seed and Sod Production (Nonfood)	**Ornamentals:** Bacterial and Fungal disease control of foliage, flower and stems Spider Mites, Aphids, and other chewing and sucking insects **Grasses:** *Anthracnose* Brown patch Cool Season Brown patch Fairy Ring *Fusarium* Patch Gray Leaf Spot Gray Snow Mold Melting-out *Microdochium* Patch Necrotic Ring Spot Pink Patch Pink Snow Mold Powdery Mildew *Pythium* Blight *Pythium* Root Rot Red Thread *Rhizoctonia* Large Patch Southern Blight Spring Dead Spot Summer Patch Take-all Patch Yellow Patch *Zoysia* Patch Spider Mites, Aphids, and other chewing and sucking insects	2 - 3 lbs/acre	3 – 21 days	When the infection risk is moderate to high, use as a preventative foliar (leaf) spray every 3-21 days. **Do not exceed 5% (w/v) of the product in tank mix applications. Do not exceed 50 kg of product in 1000L water tank.**

CHEMIGATION

General Requirements -

1) Apply this product only through a drip system or sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, hand move, flood (basin), furrow, border or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system.
2) Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
3) If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
4) 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.
5) 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.

Specific Requirements for Chemigation Systems Connected to Public Water Systems -

1) 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.
2) Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4) The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6) 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.
7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Specific Requirements for Sprinkler Chemigation -

1) The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-

operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being filled with a system interlock.
7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Specific Requirements for Flood (Basin), Furrow and Border Chemigation -

1) 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 backflow if water flow stops.
2) The systems utilizing a pressurized water and pesticide injection system must meet the following requirements:
    a. 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.
    b. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
    c. 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.
    d. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
    e. 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.
    f. 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 filled with a system interlock.

Specific Requirements for Drip (Trickle) Chemigation -

1) The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5) The irrigation line or water pump must include a functional pressure switch which will

stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

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

Application Instructions for All Types of Chemigation -

1) Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and entire injector system. Flush with clean water. Failure to provide a clean tank, void of scale or residues may cause product to lose effectiveness or strength.
2) Determine the treatment rates as indicated in the directions for use and make proper dilutions. Product can be applied continuously or at any time during the water application.
3) Prepare a solution in the chemical tank by filling the tank with the required water and then adding product as required. Follow the MIXING DIRECTIONS for solution preparation.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

For containers ≤5 gallons -

Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

For containers >5 gallons-

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand container on its end and tip back and for the several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use of disposal. Repeat the procedure two more times. Then offer for recycling or dispose in a sanitary landfill, or incineration, if allowed by state and local authorities by burning.

WARRANTY

Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, 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, Sellers liability for default, breach or failure under this law 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.

Sublabel B: Turf and Landscape Use

Turfgrass including: creeping bentgrass, Kentucky bluegrass, annual bluegrass, Bermudagrass, fescue, St. Augustine, Poa annua, perennial ryegrass and other common species of golf course turfgrass

Neo-Boost

Granular Bactericide/Fungicide/Insecticide/Miticide

For use in registered crops for disease and pest control and plant health

Active Ingredients:

Sodium Percarbonate	51.00%
Tetraacetylethylenediamine	9.99%
Potassium Silicate	17.89%
Other Ingredients:	21.12%
Total:	100.00%

This product is equivalent to 5% Peroxyacetic Acid (PAA) and 17.89% Potassium Silicate.

KEEP OUT OF REACH OF CHILDREN
DANGER/PELIGRO

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

FIRST AID	
If in eyes	● Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. ● Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. ● Call a poison control center or doctor for treatment advice.
If 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 swallowed	● Call 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. ● Do not give anything by mouth to an unconscious person.
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 treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

See (back) (side) panel for additional precautionary statements and directions for use.

EPA Reg. No.: (pending as 88306-U)
EPA Est. No.:
Net Weight: (10, 20, 50 lbs.)
Batch No. / Lot Code:

Manufactured by:
Agri-Neo, Inc.
20 F Street, Suite 700,
Washington DC 20001

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS – DANGER: Causes irreversible eye damage and skin burns. Harmful if swallowed or inhaled. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Wear protective eyewear, protective clothing and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and handlers must wear: ● coveralls over long-sleeved shirt, long pants ● chemical resistant footwear plus socks ● chemical resistant gloves ● protective eyewear (goggles or face shield). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS: Users should wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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

PHYSICAL AND CHEMICAL HAZARDS: Corrosive. Strong oxidizing agent. Do not bring in contact with other cleaners or oxidative agents.

DIRECTIONS FOR USE

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

USE DIRECTIONS: This product will:

- control bacterial and fungal pathogens on golf course turfgrass and turfgrass in parks, sports facilities and landscapes
- prevent the establishment and spread of new infections
- induce systemic response (ISR) to prevent subsequent disease outbreaks
- directly control spider mites, aphids, whiteflies and other chewing and sucking insects such as: Adelgids, Mealybugs, Tent Caterpillars, Plant Bugs, Thrips, Earwigs, Psyllids, Grasshoppers, Sawfly Larvae, Woolly Aphids, Lace bugs, Scales, Leafhoppers.

For use only on greens, tees, fairways and roughs, parks, sports facilities and landscapes that are intended only for aesthetic purposes or climate modification. Keep unprotected persons out of treated areas until sprays have dried. Apply using conventional spray application equipment and through all types of irrigation systems.

MIXING DIRECTIONS: Fill the tank with water, add the specified amount of product, and start agitation. Mix for 1 minute. No pH or water temperature adjustment is required. It is normal if the solution is slightly cloudy and foamy. The solution must stand for 30 minutes before applying to plants. Solutions are effective for at least 12 hours after mixing. Always perform a compatibility test (see COMPATIBILITY section) between this product and other substances intended to be tank mixed with it. This product should not be combined with fungicides containing manganese under any circumstances.

This product can only be combined with fertilizers containing metal salts (copper, iron, manganese, zinc) in the presence of a chelator. PREPARATION METHOD: To the Neo-Boost, first add 0.02 lb/gal (0.32 oz/gal) chelator and mix for 1 minute. Then add any quantity of fertilizer.

This product can only be combined with copper fungicides in the presence of a chelator. PREPARATION METHOD: To the Neo-Boost solution, first add 0.02 lb/gal (0.32 oz/gal) chelator and mix for 1 minute. Then add up to a maximum of 0.13 oz/gal of the copper fungicide product and mix for 1 minute.

GROUND APPLICATIONS: Apply Neo-Boost in ground equipment with quantities of water sufficient to provide thorough coverage. The amount of water needed per acre will depend upon crop development, weather, application equipment, and local experience. Do not spray when wind speed favors drift beyond the area intended for use. Avoiding spray drift is the responsibility of the applicator.

For conventional ground applications, use at least 10 gallons of total volume per acre in water-based sprays.

COMPATIBILITY: Consult specific product labels for additional information or restrictions concerning tank mixing. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. It is always advisable to conduct a spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank. Use tank-mix combinations on a small number of plants before treating large areas, as crop sensitivity to these mixtures may vary.

Neo-Boost has been evaluated for phytotoxicity on a variety of crops under various normal growing conditions. However, testing all crop varieties, in all mixtures and combinations is not feasible. Prior to treating entire crop, test a small portion of the crop for sensitivity.

MODES OF ACTION: Neo-Boost generates, in contact with water, peroxyacetic acid, which is a potent contact bactericide and fungicide. This multi-site reaction causes pathogen cell walls and membranes to explode under their own internal pressure. Moreover, Neo-Boost contains potassium silicate, a Systemic Acquired Resistance (SAR) elicitor that causes the host plant to produce pathogen-digesting enzymes. The SAR inducer also reinforces and strengthens host plant cell walls against pathogen attack.

APPLICATION DIRECTIONS:

SITES	DISEASES and PESTS	AMOUNT	APPLICATION INTERVALS	APPLICATION INSTRUCTIONS
Turfgrass including: creeping bentgrass, Kentucky bluegrass, annual bluegrass, Bermudagrass, fescue, St. Augustine, Poa annua, perennial ryegrass and other common species of golf course turfgrass	Anthracnose Brown patch Cool season brown patch Dollar spot Fairy ring Fusarium patch Gray leaf spot Gray snow mould Melting-out Microdochium patch Necrotic ring spot Pink patch Pink snow mould Powdery mildew Pythium blight Pythium root rot Red thread Rhizoctonia large patch Southern blight Spring dead spot Summer patch Take-all patch Yellow patch Zoysia patch Mites, aphids, and other chewing and sucking insects	0.2-2.6 lb/ac	When the infection risk is moderate to high, use as a preventative foliar (leaf) spray every 3-21 days except for snow moulds, in which case only 1-2 applications are to be made before snow.	• Mix product in tank for about 1 minute. • Let stand 30 minutes before spraying for optimal results. • Should be used within 12 hours. **Do not exceed 5% (w/v) of the product in tank mix applications. Do not exceed 50 kg of product in 1000L water tank.**

CHEMIGATION

General Requirements -

1) Apply this product only through a drip system or sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, hand move, flood (basin), furrow, border or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system.
2) Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
3) If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
4) 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.
5) 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.

Specific Requirements for Chemigation Systems Connected to Public Water Systems -

1) 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.
2) Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4) The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6) 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.
7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Specific Requirements for Sprinkler Chemigation -

1) The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-

operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being filled with a system interlock.
7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Specific Requirements for Flood (Basin), Furrow and Border Chemigation -

1) 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 backflow if water flow stops.
2) The systems utilizing a pressurized water and pesticide injection system must meet the following requirements:
   a. 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.
   b. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
   c. 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.
   d. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
   e. 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.
   f. 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 filled with a system interlock.

Specific Requirements for Drip (Trickle) Chemigation -

1) The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5) The irrigation line or water pump must include a functional pressure switch which will stop

the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

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

Application Instructions for All Types of Chemigation -

1) Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and entire injector system. Flush with clean water. Failure to provide a clean tank, void of scale or residues may cause product to lose effectiveness or strength.
2) Determine the treatment rates as indicated in the directions for use and make proper dilutions. Product can be applied continuously or at any time during the water application.
3) Prepare a solution in the chemical tank by filling the tank with the required water and then adding product as required. Follow the MIXING DIRECTIONS for solution preparation.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

For containers ≤5 gallons -

Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

For containers >5 gallons-

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand container on its end and tip back and for the several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use of disposal. Repeat the procedure two more times. Then offer for recycling or dispose in a sanitary landfill, or incineration, if allowed by state and local authorities by burning.

WARRANTY

Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, 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, Sellers liability for default, breach or failure under this law 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.

Optional Label Claims

- Convenient lightweight powder concentrate formulation.
- Fits well into an integrated pest management (IPM) program.
- Bactericidal and fungicidal.
- Insecticidal and miticidal.
- Bactericide/fungicide/miticide/insecticide
- Plant health enhancer.
- Provides silica, an essential nutrient
- Yield enhancer.
- Effective and efficient on a broad spectrum of pathogenic bacteria.
- Fortifies plant cell walls and builds up host plant immunity to disease.
- Peracetic acid is produced only after mixing with water
- Contains precursors to peracetic acid
- Contains no peracetic acid
- Provides silica – a necessary nutrient for healthy plants (crops) and optimal yields
- Healthy plants (crops) are more resistant to (fungal and bacterial disease) (and) (damage caused by) (mites) (aphids) (chewing and sucking insects).