PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Personal Protective Equipment (PPE) required for this product are long-sleeve shirt and long pants, socks, shoes, and chemical resistant gloves.

CAUTION
Avoid contact with skin, eyes or clothing. Avoid breathing spray. In case of eye irritation: Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling.

USER SAFETY RECOMMENDATIONS
Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing.

ENVIRONMENTAL HAZARDS
For terrestrial use: Do not apply directly to water, or to areas where surface water is present or to fields or areas which are underlain by an aquifer of the main high water table. Do not contaminate water when depositing or equipment washwater or irrigation waters.

CHEMICALS: Refer to supplemental labeling entitled "Application Booklet" for use directions for Chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.

Batch No: 
Manufacturing Date: 
Expiry Date: 

PRODUCT OF INDIA 
MANUFACTURED FOR 
Agro Logistic Systems, Inc. 
P.O. Box 5799, Diamond Bar, CA 91765, U.S.A. 
TEL: (714) 990-9200 
Website: www.agrolistic.com 

EPA REGISTRATION No. 70310-5 
EPA ESTABLISHMENT No.070310-IND-002

Fats and Glyceride 65.80%
Oils Margosa 0.70%
Azadirachtin 33.50%
OTHER INGREDIENTS: 100.00%

Agriculture, Horticulture, & Garden
Debug Tur
Emulsifiable Concentrate
Antifeedant, Insect Repellent, Insecticide, Fungicide & Nematicide

FOR ORGANIC PRODUCTION

ACTIVE INGREDIENT:

85.12 OUNCES (2310 GRAMS) ACTIVE INGREDIENT PER GALLON OF PRODUCT
EPA REGISTRATION No. 70310-5
EPA ESTABLISHMENT No.070310-IND-002
PLEASE READ THE SUPPLEMENTAL LABELING "APPLICATION BOOKLET" IN THE BACK BEFORE USING THIS PRODUCT.
Net contents: 1 Gallon (3.785 Liters)

FIRST AID

If on skin or clothing

If Inhaled

Have the product container or label with you before going for treatment. It contains important information.
Horticulture, & Greenhouse use

Pygon Turbo

Suspensible Concentrate
Insect Repellent, Insecticide, Fungicide & Nematicide

FOR ORGANIC PRODUCTION

KEEPS OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If on skin or clothing
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If 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 a poison control center or doctor for further treatment advice.

PRODUCT

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30AM to 4:30PM Pacific Time (NPIC Web Site: www.npic.orst.edu).

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly through drift or indirect contact through air. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (40 CFR part 195). This standard contains requirements for the protection of agricultural workers on farms, nurseries, and greenhouses and handlers of agricultural pesticide.

It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and label and entry intervals. The requirements in this box apply to users of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours. PPE required for entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil or water is:
- Coveralls
- Chemical resistant gloves, such as barrier laminates or butyl, rubber or nitrile rubber or PVC
- Shear and socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to users of this product that are NOT within the scope of the worker Protection Standard for agricultural pesticides (40 CFR Part 195). The WPS applies when this product is used in agricultural areas on farms, forests, nurseries, or greenhouses. Keep unprotected persons out of treated areas until sprays have dried.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original packaging in cool and dry place away from sunlight and foottraffic. Do not reapprove. For Commercial Agricultural Use.

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

CONTAINER DISPOSAL: 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 the application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container full with water and recons. Shake for 10 seconds. Poor twice into application equipment or a mix tank or store residue for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then either for recycling, if available, or puncture or dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances.
**CROPS**

Top fruits such as Citrus, Lemons, Oranges, Grapefruits, Pummalo, Apples, Plums, Peaches, Apricots, Avocados, Figs, Prunes, Nectarines, Pears, Mangos, Cherries, Kiwifruit, Kumquats, Loquats, Quinces, Persimmons, and Pears.

Cucurbits, Watermelons, Gherkins, Squashes, Pumpkins, Gourds, Bitter melons, Chayote, Okra, Asparagus, and Melons.

Bulb, Rose and Leafy vegetables such as Broccoli, Brussels sprouts, Cabbage, Celery, Lettuce, Endives, Kale, Parsley, Onions, Garlic, Shallots, Leeks, Kohlrabi, Chard, Collard, Amaranth, and Spinach.

Root and Tubers vegetables such as Beets, Carrots, Ginger, Radish, Horseradish, Potatoes, Tunips, Yams, Sweet Potatoes, Ginger, Rutabagas, Watercress, Artichokes and Turnips.

Legumes such as Beans, Lentils, Peas, Peanuts, Soybeans and Garbanzo Beans.

Carrots such as Barley, Corn, Millet, Rice, Rye, Sorghum, Triticale, Oats, and Wheat.

Alfalfa and other forage crops. Grasses

Fruiting vegetables such as Tomatoes, Tomatillos, Bell Peppers, Chili Peppers, and Eggplant.

Berries such as Blackberries, Blueberries, Canberries, Strawberries, Cane berries, Gooseberries, Raspberry, Cranberries, Loganberries, Huckleberries, and Boysenberries.

Grapes

Tropical fruits such as Bananas, Carambola, Mangos, Coconuts, Papayas and Pineapple.

Cotton and oilseeds such as Canola, Sesame, Rapeseed, Sunflower, Safflower, Olive, Peanut and Jojoba

Herbs & Spices including but not limited to Mints, Anise, Basil, Chives, Coriander, Dill, Fennel, Marigold, Sage, and Thyme.

Nuts such as Almonds, Pecans, Potatoes, Cashews, Hazelnuts, Macadamia, Hazelnuts, Brazil nut, Water chestnuts, and Walnuts.

Coffee, Tea, Tobacco and Sugarcane

Greenhouse Crops including ornamentals such as Chrysanthemums, Poinsettias, Roses, Lilies, Geraniums, Daisies, Carnations, Selvias and Dahlias.

All starter vegetables and fruit crops.

**INSECT PESTS/MITES/DISEASES/NEMATODES**

**Aphids**

**Armyworms**

Fall Armyworms

**Beetles**

Beanleaf Beetles, Cucumber Beetles, Japanese Beetles, Mexican Beetles, Colorado Potato Beetles, Potato Flea Beetles, Corn beetles, Flea Beetles

**Borers, Budworms**

Casebearers, Caterpillars, Codling Moth

**Fruit Flies**

**Grats**

Fungus Gnats, Grasshoppers, Grubs

**Leaf Hoppers, Leaf Perforators, Leafminers, Leafrollers, Loopers, Cabbage loopers, Lyons Bug**

Maggots, Onion Maggots, Meaty Bugs, Meatybugs, Mildew, Rust and Powdery Mildew, Mites, Two Spotted Spidermites, Pacific Spider Mites, Moths, Diamondback Moths, Gypsy Moths, Grape Berry Moths, Nematodes

**Orange Totrix**

**Phyloxera, Phytium, Pylla, Pylinids, Rhizoctonia Solani**

**Scales, San Jose Scale**

**Sclerotinia Sclerotiorum**

**Sclerotium Rorfsi**

**Sharpshooters**

Sucker Ants

**Thrips**

Weevils, Pepper Weevils, Boll Weevils

**Whiteflies**

**Worms**

**Wireworms**

**Webworms**

**Budworms**

**Alfalfa Worms**

**Boll Worms**

**Pickle Worms**

**Fagot Worms, Root Worms, Ear Worms, Cut Worms**

**DIRECTIONS FOR CROP APPLICATION**

**PREVENTATIVE APPLICATION: APPLICATION RATES ARE FOR ONE ACRE EXCEPT AS NOTED.**

As a preventative application mix 8 to 24 fl. oz. of Debug Turbo in 50 to 100 gallons water or sufficient amount of water to ensure total foliar coverage. Start applying when the plants are tall enough to be susceptible to infestation. Use the following:

- **For Baby Vegetables**, apply 10 days after planting and repeat again in 7 to 10 days.
- **For Regular Vegetables**, apply when the plant has grown two leaves or is 6 inches tall. Repeat application every 10 to 15 days.
- **For Fruit Trees**, apply when the tree enters dormancy and continue to repeat applications every 10 to 15 days. (For fruit trees use 16 to 32 fl. oz. of Debug Turbo in 150 gallons of water)
- **For Berries**, apply when the plant enters dormancy and continue to repeat applications every 10 to 15 days. (For berries use 16 to 32 fl. oz. of Debug Turbo in 150 gallons of water).
- **For Grasses and Forage Crops like Alfalfa**, apply in spring, approximately 2 weeks after dormancy period is over, and repeat every 10 to 15 days.

**STANDARD APPLICATION: ALL APPLICATION RATES ARE FOR ONE ACRE**

16 fl. Oz to 32 fl. Oz. of Debug Turbo mixed with 100 gallons water or sufficient amount of water to ensure total foliar coverage. When applying at early plant stage use dilution of 16 fl. Oz. to 32 fl. Oz. of Debug Turbo with 50 gallons of water. When applying in high population crops like berries and fruit trees, use dilution of 32 fl. Oz. to 48 fl. Oz. of Debug Turbo with 150 to 300 gallons of water.

Repeat application at 7 to 14 day intervals, at least once and if necessary additional times.

For Greenhouse crops Prepare a 0.5% - 1% (0.60 oz – 1.25 oz / gal) solution of Debug Turbo in water and completely drench the plants. Repeat every 5 to 7 days till infestation clears.

For NEMATODE CONTROL use 52 oz to 104 oz. of DEBUG Turbo in 500-1500 Gallons water per acre as a drench or drip.

**MAXIMUM APPLICATION RATE IS 20 GRAMS OF ACTIVE INGREDIENT (104 FL. OZ. OR 3.25 QUARTS OF DEBUG TURBO E.C.) OR LESS PERacre ACCORDING TO TOLERANCES EXCEPT 40 CFR 180.1119 FOR AZadirachtin, FATS, AND GLYCERIDIC OILS MARGARINE (BEEN OIL) IS EXEMPT FROM THE REQUIREMENT OF A TOLERANCE AS PER 40 CFR 180.1129.**

Agro Logistic Systems, Inc.

P O Box: 5799

Diamond Bar, CA 91765, U.S.A.

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e-mail: info@agrologistic.com

website: www.agrologistic.com

EPA REGISTRATION NO: 70310-S

EPA ESTABLISHMENT NO: 070310-IND-002
TANK MIXING

'DEBUG TURBO' is compatible with commonly used insecticides, fungicides, and fertilizer products, but DO NOT use Debug Turbo with Bordeaux mixture, lime sulfur or other highly alkaline materials. It is advisable to pre-test the tank mixture combination proposed on a few plants to observe phytotoxicity, if any. The climatic conditions and cultural practices may be different in the actual field than experimental conditions. Therefore, the responsibility of damage due to tank mix, if any, rests with the user. This product is damaged by oxidants. Do not mix acids and bleaches with DEBUG TURBO.

MIXING DIRECTIONS:
1. Dilute the concentrate to be treated with DEBUG TURBO.
2. Fill tank with appropriate amount of water.
3. Add the pre-measured amount of DEBUG TURBO.
4. Keep tank agitated with an agitator device. Proper agitation is required, especially when mixing DEBUG TURBO with other pesticides.

SPRAYING DIRECTIONS:
1. Spray DEBUG TURBO using a boom system, propeller turbine system (indicated for orchards) or pressure with gun sprayers, powered back sprayers, and manual hand sprayers. Use a minimum boom pressure of 150 psi and maximum tractor speed of 2 miles per hour. Use horizontal nozzles at 10-degree spacing and vertical drops, one at each end. Each vertical drop must have two nozzles, one at 90-degree angle and the other at 45-degree angle. The water used for mixing should have a pH at about 5.5 for DEBUG TURBO to be most effective. If necessary, use a buffer to bring the pH to the desired level.
2. DURING APPLICATION, MAKE SURE THAT THE SPRAY COVERS THE ENTIRE PLANT INCLUDING UNDERSIDE OF LEAVES.

CHEMIGATION DIRECTIONS

GENERAL CHEMIGATION REQUIREMENTS:
A. "Apply this product only through sprinkler or drip (trickle) irrigation systems. Do not apply this product through an irrigation system used for any other purpose on the same land."
B. "Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water."
C. "If you have questions about calibration, you should contact State Extension Service specialists, pesticide manufacturer or other experts."
D. "Do not connect irrigation systems (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed salaries schizos for public water systems are in place."
E. "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."

SPRINKLER CHEMIGATION REQUIREMENTS:
1. "The system must contain a functional check valve, vacuum relief valve, and low pressure relief valve, inappropriately located on the irrigation pipes to prevent water source contamination from back flow."
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 to water pumps must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide application is adversely affected.
6. "Systems must use a misting 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. "Agranics are generally recommended in the pesticide supply tank."
8. "Apply this product continuously for the duration of the water application."
9. "A supply tank is required for this product. If using a supply tank, dilute the product to the rate of 1.25 gallons per 500 gallons of water."
10. "Apply between 1200 to 1500 gallons of water per acre to achieve efficacy."

DRAIN (TRICKLE) CHEMIGATION REQUIREMENTS:
1. "The system must contain a functional check valve, vacuum relief valve, and low pressure relief valve, inappropriately located on the irrigation pipes to prevent water source contamination from back flow."
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 to water pumps must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide application is adversely affected."
6. "Systems must use a misting 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. "Agranics are generally recommended in the pesticide supply tank."
8. "Apply this product continuously for the duration of the water application."
9. "A supply tank is required for this product. If using a supply tank, dilute the product to the rate of 1.25 gallons per 500 gallons of water."
10. "Apply between 1200 to 1500 gallons of water per acre to achieve efficacy."

APPLICATION BOOKLET
Debug Turbo
PLEASE REFER TO THE PRIMARY LABEL ON THE FRONT OF THE CONTAINER FOR FIRST AID INSTRUCTIONS
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Personal Protective Equipment (PPE) required for this product are long-sleeve shirt and long pants, socks, shoes, and chemical resistant gloves.

CAUTION

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

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users should remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsewater. This product is toxic to fish and aquatic invertebrates.

AGRO LOGISTICS SYSTEMS, INC. warrants that material contained herein conforms to the description on the label and is for the purposes referred to in the directions for use. Method of application and timing, weather, cultural practices, insect problem, crop condition, and incompatibility with other chemicals not specifically recommended in the use of this product are beyond the control of the seller. It is the manufacturer's intention that the buyer assume risk of use, storage, or handling of this material not in strict accordance with directions given herein.

WARRANTY