

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if absorbed through skin or if inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray. 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. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

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 waters.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

Batch No:
Manufacturing Date:
Expiry Date:

ACCEPTED

NOV 29 2001

PRODUCT USE: Federal Insecticide, Fungicide, and Rodenticide Act. Mfg. by: recommended for the pesticide. AJAY BIO-TECH PUNE, India. Reg. No. 70310-1

PACKED FOR

Agro Logistic Systems, Inc.

P.O. Box 5799

Diamond Bar, CA 91765

U.S.A.

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EPA REGISTRATION No. 70310-1

EPA ESTABLISHMENT No. 070310-IND-001

**READ THE ATTACHED BOOKLET BEFORE USING
THIS PRODUCT**

**HORTICULTURAL, AND
GREENHOUSE USE**

Agroneem®

Emulsifiable Concentrate

ACTIVE INGREDIENT:

Azadirachtin 0.15%

OTHER INGREDIENTS: 99.85%

TOTAL: 100.00%

(4.8 GRAMS/GALLON ACTIVE INGREDIENT)

**Plant Origin
Antifeedant
Insect Repellent
Growth Regulator
Agricultural Insecticide**

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably by mouth-to-mouth. Get medical attention.

If swallowed: Call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

**Net contents: 32 Fl. Oz.
(1 Quart or 0.947 liter)**

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State and Tribe, consult the 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 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 personnel protective equipment (PPE), notification to workers, and restricted-entry interval. 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 4 hours. PPE required for early 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.
- Shoes and socks

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep in original packaging in cool and dry place away from sunlight and foodstuffs. Do not refrigerate.

For Commercial Agricultural 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: 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.

OMRI™
Listed
Organic Materials Review Institute

70310-1

11/29/2001

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WARRANTY:

AGRO LOGISTIC SYSTEMS, INC. warrants that material contained herein conforms to the description on the label and is reasonably useful for the purposes referred to in the directions for use. Method of application and timing, weather, cultural practices, insect problem, crop condition, incompatibility with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes risk of use, storage or handling of this material not in strict accordance with directions given herein. **NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OR MERCHANTABILITY IS OFFERED.**

FOR ADDITIONAL INFORMATION AND PRODUCT BROCHURE
PLEASE CONTACT:

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website: www.agrologistic.com

AGRONEEM

**PLEASE READ THIS BOOKLET CAREFULLY BEFORE USING
AGRONEEM**

TANK MIXING:

'AGRONEEM' is compatible with commonly used insecticides, fungicides and foliar fertilizers, like all herbal products. Do not use Agroneem with Bordeaux mixture, lime sulfur or other highly alkaline materials.

It is advisable to pre-test the tank mix 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, remains with the user. Since the product is damaged by oxidants it is cautioned that acids and bleaches should not be mixed with AGRONEEM.

MIXING DIRECTIONS:

1. Determine the acreage to be treated with AGRONEEM.
2. Fill tank with appropriate amount of water (see inside for application rates).
3. Add the pre-measured amount of AGRONEEM (see inside for amount to be used).
4. Keep tank agitated with an agitation device. Proper agitation is required, especially when mixing AGRONEEM with other pesticides.

SPRAYING DIRECTIONS:

1. AGRONEEM can be sprayed using a boom system, propeller turbine system (indicated for orchards); pressure hose with gun sprayers, powered back sprayers and manual hand sprayers. We suggest a minimum boom pressure of 160 psi and maximum tractor speed of 2.0 miles per hour. We suggest horizontal nozzles at 10-inch spacing and two vertical drops, one at each end. Each vertical drop should have two nozzles, one at 90° angle and the other at 45° angle. The water used for mixing should have a pH about 5.5 for AGRONEEM 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 THE UNDERSIDE OF LEAVES.**

GENERAL:

- AGRONEEM is more effective when used as a preventative.
- AGRONEEM is a broad-spectrum herbal insecticide.
- AGRONEEM affects the insects at all stages of growth.
- SHAKE THE CONTAINER WELL, BEFORE USE.

**MAXIMUM APPLICATION RATE IS 20 GRAMS OF ACTIVE INGREDIENT
(530 FL. OZ. OR 16 QUARTS OF AGRONEEM E.C.) OR LESS PER ACRE
ACCORDING TO TOLERANCE EXEMPTION 40 CFR 180.1119**

DIRECTIONS FOR CROP APPLICATION:**APPLICATION RATE: ALL APPLICATION RATES ARE FOR ONE (1) ACRE PER CROP**

48 oz. AGRONEEM (1-1/2 quarts) mixed with 100 gallons water or sufficient amount of water to ensure total foliar coverage. When applying at early plant stage we recommend dilution of 48 oz. AGRONEEM (1-1/2 quarts) with 50 gallons of water. When applying in high population crops like berries and fruit trees, we recommend dilution of 64 oz. to 128 oz of AGRONEEM (2- 4 quarts), with 150 – 300 gallons of water.

Repeat application at 7 to 10 day intervals, at least once and if necessary additional times.

| CROPS | INSECT PESTS/MITES |
|--|--|
| Top fruits such as Citrus, Lemons, Oranges, Grapefruits, Pummalo, Apples, Plums, Peaches, Apricots, Avocados, Figs, Prunes, Nectarines, Pears, Mangoes, Cherries, Kiwifruit, Kumquats, Loquats, Quinces, Persimmons, and Palm. | White Flies, Mealybugs, Leafminers, Thrips, Weevils, Mites, Psylla Grasshoppers, Fruit Flies, Aphids, San Jose Scale, H Scale, Orange Tortrix, Codling Moth, Nematodes, Beetles, Pacific & Two Spotted Spider Mite, Leaf rollers, Leafhoppers, Borers, Maggots, Leaf miner, and Sharpshooters. |
| Cucurbits, Watermelons, Gherkins, Squashes, Pumpkins, Gourds, Bitter melons, Chayote, Okra, Asparagus, and Melons. | White Flies, Budworms, Leafminers, Fall Armyworms, Pickle Worms, Cucumber Beetles, Thrips, Aphids, Nematodes, Beetles and Japanese Beetles. |
| Bulb, Cole and Leafy vegetables such as Broccoli, Brussels sprouts, Cabbage, Celery, Lettuce, Endives, Kale, Parsley, Onions, Garlic, Shallots, Leeks, Kohlrabi, Chard, Collard, Amaranth, and Spinach. | Aphids, White Flies, Cabbage Loopers, Diamondback Moths, Armyworms, Thrips, Leafminers, Onion Maggots, Weevils, Caterpillars, Whiteflies, Nematodes and Grasshoppers. |
| Root and Tuber vegetables such as Beets, Carrots, Ginger, Radish, Horseradish, Potatoes, Turnips, Yams, Sweet Potatoes, Ginseng, Rutabagas, Watercress, Artichokes and Turmeric. | Colorado Potato Beetle, Leaf hopper, Potato Flea Beetles, Aphids, White Flies, Psyllids, Nematodes, Armyworms, Thrips, Beetles, and Webworms. |
| Legumes such as Beans, Lentils, Peas, Peanuts, Soybeans and Garbanzo Beans. | Loopers, Leafminers, Caterpillars, Psyllids, Weevils, Beanleaf Beetles, Mexican Beetles, Thrips, Aphids, Nematodes, and Colorado Potato Beetles. |
| Cereals such as Barley, Corn, Millet, Rice, Rye, Sorghum, Triticale, Oats, and Wheat. Alfalfa and other feed & forage crops, Grasses. | Weevils, Maggots, Wireworms, Corn Beetles, Flea Beetles, Thrips, Aphids, Cutworms, Borers, Armyworms, Rootworms, Leaf miners, Leafhoppers, Caterpillars, Grasshoppers, Mites, Nematodes, Whiteflies, and Japanese beetles. |
| Fruiting vegetables such as Tomatoes, Tomatillos, Bell Peppers, Chili Peppers, and Eggplant. | Loopers, Leafminers, Cabbage Loopers, Caterpillars, Pepper, Nematodes Weevils, Aphids, Cucumber Beetles, Thrips, Whiteflies, and Grasshoppers. |
| Berries such as, Blackberries, Blueberries, Currants, Strawberries, Cane berries, Gooseberries, Raspberries, Cranberries, Loganberries, Huckleberries, and Boysenberries. | Gypsy Moths, Loopers, Grape Berry Moths, Leaf rollers, Fruit flies, Thrips, Caterpillars, Tobacco Budworms, Nematodes, Alfalfa worm, Aphids, Phylloxera, Whiteflies, and Lygus Bug. |
| Grapes Tropical fruits such as Banana, Cherimoyas, Mangoes, Guavas, Papayas and Pineapple. | Gypsy Moths, Loopers, Grape Berry Moths, Leaf rollers, Fruit flies, Weevil, Thrips, Caterpillars, Tobacco Budworms, Aphids, Alfalfa worm, Eelworm Phylloxera, Mealy bugs, Whiteflies, Nematodes, Hoppers, and Sharpshooters. |
| Cotton and oilseeds such as Canola, Sesame, Rapeseed, Sunflower, Safflower, Olive, Peanut and Jojoba. | White Flies, Thrips, Bollworms, Leafminers, Boll Weevil, Grubs, Loopers, Wireworms, Borers, Spider mites, Leaf perforators, Leafhoppers, Armyworms, Earworms, Nematodes, Caterpillars, Loopers, Cutworms, and Aphids. |
| Herbs & Spices including but not limited to Mints, Anise, Basil, Chives, Coriander, Dill, Fennel, Marigold, Sage, and Thyme. | Aphids, Flea Beetles, Thrips, Nematodes, Whiteflies, and Leafhoppers. |
| Nuts such as Almonds, Pecans, Pistachios, Cashews, Chestnuts, Macadamia, Hazelnuts, Brazil nut, Water chestnuts, and Walnuts. Coffee, Tea, Tobacco and Sugarcane. | Aphids, Phylloxera, Leaf rollers, Weevils, Thrips, Whiteflies, Moths, Suckers Ants, Nematodes, Mealy bugs, Mites, Scales, Borers, Fagot worm, Bugs, Caterpillars, Tobacco Budworms, Beetles, Grasshoppers, and Leafhoppers. |
| Greenhouse Crops including ornamentals such as Chrysanthemums, Poinsettias, Hibiscus, Roses, Lilies, Geraniums, Daisies, Carnations, Salvias and Dahlias. All starter vegetables and fruit crops. | Aphids, Thrips, Leaf miners, Whiteflies, Nematodes, Fungus gnats and other greenhouse pests. Prepare a 1% - 2% (1.25 oz - 2.5 oz./ Gal) solution of Agroneem in water and completely drench the plants. Repeat every 5 to 7 days till infestation clears. |

PREVENTATIVE APPLICATION: ALL APPLICATION RATES ARE FOR ONE (1) ACRE OF CROP EXCEPT AS NOTED.

As a preventative application mix 48 oz. (1-1/2 bottles) of AGRONEEM in 50 gallons water or, sufficient amount of water to ensure total foliar coverage.

Apply when the plants are tall enough to be susceptible to infestation. We suggest as follows:

- For **Baby Vegetables**, apply 10 days after planting and repeat again in 10 more days.
- For **Regular Vegetables**, apply when the plant has grown two leaves or is 6 inches tall. Repeat application every 15 days.
- For **Fruit Trees**, apply when the tree ends dormancy and continue to repeat applications every 15 days.
(For fruit trees we recommend 64 oz. AGRONEEM i.e. two bottles in 150 gallons of water)
- For **Berries**, apply when the plant ends dormancy and continue to repeat applications every 15 days.
(For berries we recommend 64 oz. AGRONEEM i.e. two bottles in 150 gallons of water).
- For **Grasses and Forage Crops like Alfalfa**, apply in spring, approximately 2 weeks after dormancy period is over.