AzaMax™
Botanical Insecticide, Miticide, and Nematicide

ACTIVE INGREDIENT % by Wt.
Azadirachtin 1.2%
OTHER INGREDIENT 98.8%
TOTAL 100.0%

Contains 0.35 grams azadirachtin per fluid ounce.

KEEP OUT OF REACH OF CHILDREN
CAUTION
READ ENTIRE LABEL, USE STRICTLY IN ACCORDANCE
WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS,
AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

REPELLENT, ANTIFEEDANT AND
INSECT GROWTH REGULATOR (IGR)
INDOOR AND OUTDOOR VEGETABLES, ORNAMENTAL FLOWERS, TREES, SHRUBS
AND PLANTS, INCLUDING PLANTS GROWN IN CONTAINERS, INTERIORSCAPES,
HOME AND GARDEN USE.

EPA Reg. No. 71908-1-81268  EPA Est. No. 80876-OK-001

Net Contents: One Pint (16 fl. oz.)

GENERAL HYDROPONICS
Parry America Inc.
2740 Fulton Avenue, Suite 220
Sacramento, CA 95821

OMRI LISTED
AzaMax™
Botanical Insecticide, Miticide, and Nematicide

REPELLENT, ANTIFEEDANT AND INSECT GROWTH REGULATOR (IGR)

INDOOR AND OUTDOOR VEGETABLES, ORNAMENTAL FLOWERS, TREES, SHRUBS AND PLANTS, INCLUDING PLANTS GROWN IN CONTAINERS, INTERIORSCAPES, HOME AND GARDEN USE.

See the Directions for Use for Complete List of Insects Controlled.

NOT FOR COMMERCIAL USE

ACTIVE INGREDIENT: % By Wt.
Azadirachtin .................. 1.2%
OTHER INGREDIENTS .......................... 98.8%
TOTAL 100.0%

Contains 0.35 grams azadirachtin per fluid ounce.

FOR ORGANIC PRODUCTION

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td><strong>If inhaled</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>If on skin or clothing</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>If in eyes</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>If swallowed</strong></td>
<td>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.</td>
</tr>
</tbody>
</table>

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

CALL THE POISON CONTROL CENTER HOTLINE
24 HOURS A DAY AT 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 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.

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 washer 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.

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.

MODE OF ACTION:

AzaMax 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.

I. USES FOR ORNAMENTALS AND LANDSCAPE PLANTINGS

| Ornamental Plants and Flowers including but not limited to: | Actinopteris, African violets*, ageratrum, aglaonema, Algerian ivy, allamanda, alocasia, amaranthus, arum, aphelandra, arborvitae, Artemisia, aster, aucuba ilix, azalea, baby's breath, begonia, Boston fern, bougainvillea, boxwood, brachycome, cacti, calabrese, calendula, calla, camellia, carnation, ceanothus, chrysanthemum, cineraria, coleus, columbine, cyclamen, daffodil, dahlias, daisy, daylily, delphinium, dianthus, dienbenchia, dogwood, dusty miller, Easter lily, English ivy, euphorbia, fern, ficus, foliages plants, foxglove, freesia, fuchsia, gaillardia, gardenia, geranium, gerbera, gladiola, gloxinia, gypsophila, hederan, hibiscus, hyacinth, hydrangea, ilx, impatiens, iris, ivy, jasmine, lilac, lily, maidenhair fern, mandevilla, marigold, narcissus, nasturtium, orchid*, pansy, pelargonium, peony, perennials, petunia, philodendron, phlox, photinia, pink, pittosporum, poinssettia*, pothos, portulaca, primrose, prunacantha, rhododendron, rose*, rosemary, rubber plant, salvia, schefflera, sedum, sempervirens, 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.

(cont. on next page)
Waxy bloom on certain ornamental plants will be reduced after an AzaMax™ application. Applications of AzaMax™ will remove the glaucus ‘blue’ coloring from evergreens such as Colorado blue spruce and Koster spruce.

**PESTS CONTROLLED OR SUPPRESSED**

Use AzaMax™ against the following pests.

### TARGET PEST SPECIES OF AzaMax™

#### HEMIPTERA AND HOMOPTERA

- **true bugs** including but not limited to: bruchidae, aphids, leafhoppers, and psyllids
- **lacebugs; leafhoppers** including all whiteflies
- **mealy bugs** including apple mealy bugs, citrus mealy bugs, and whiteflies
- **whiteflies** including greenhouse whitefly

#### LEPIDOPTERA

- **moths** including European pine shoot moth, pine tip moth and Tussock moth
- **leafrollers** including blueberry leafroller, lilac leafroller, and grape leafroller
- **cutworms** including black cutworm and citrus cutworm
- **caterpillars and loopers** including bagworms, budworms, cabbage loopers, caterpillars, and caseworms

#### LEPIDOPTERA

- **tobacco hornworm, tomato 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

- **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.

#### DIPTERA

- **flies** including Caribbean fruit fly, cherry maggots, cranefly
- **fungus gnats**
- **oriental fruit fly, Mediterranean fruit fly, marsh crane flies, melon fly, shore fly and walnut husk fly**
- **leafminers** including citrus leafminers and serpentine leafminers.

**NEMATODA**

- **Nematodes (suppression)**

### TARGET PEST SPECIES OF AzaMax™ (cont.)

<table>
<thead>
<tr>
<th>ACARINA</th>
<th>ACARINA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>mites</strong>, red spider mites, brown mite, clover mite, conifer spider mite, European red mite, spruce spider mite, and two-spotted spider mite.</td>
<td></td>
</tr>
</tbody>
</table>

### SPRAY PREPARATION

AzaMax™ is an emulsifiable concentrate to be diluted with water. This product forms an emulsion and will separate upon extended or prolonged standing. Re-agitate to assure uniformity of the spray mixture.

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

### TANK MIXTURES

AzaMax™ 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 AzaMax™ with insecticides or miticides. If a rapid knockdown of heavy populations is necessary, then include an effective contact insecticide/miticide in combination with AzaMax™.

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. AzaMax™ is botanical with growth regulator effect on insects and mites. Companion products include pyrethrins, spinosyns, microbial toxins, and chloronicotinyls that 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 AzaMax™ with Captan, Bordeaux mixture, triphenyltin hydroxide, lime sulfur, Raxflox iron or other highly alkaline materials as they can cause phytotoxicity and/or reduced efficacy on some target pests. Phytotoxicity will occur if tank-mix combinations with compounds known to be incompatible with oil-based formulations are used.

### APPLICATION EQUIPMENT

**Ground Equipment**

Apply AzaMax™ 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.

### 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 your state agricultural experiment station or local extension horticulturalist/arborist for information on tactics and windows of application.

### FOLIAR APPLICATION RATES FOR ORNAMENTALS and LANDSCAPE PLANTINGS

<table>
<thead>
<tr>
<th>USE</th>
<th>SPRAY CONCENTRATION%</th>
<th>FLUID OUNCES PER GALLON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Including trees, shrubs, flowers, conifers, evergreens, herbaceous ornamentals, foliage plants, container-grown ornamentals, plants and groundcovers&lt;br&gt;Lower rate ranges of 0.25 - 0.75% vol/vol:</td>
<td>0.32-1.0 fl.oz.</td>
<td></td>
</tr>
<tr>
<td>Medium rate ranges of 0.75 - 1.25% vol/vol:</td>
<td>1.00-1.60 fl.oz.</td>
<td></td>
</tr>
<tr>
<td>Upper rate ranges of 1.25 - 1.70% vol/vol:</td>
<td>1.60-2.18 fl.oz.</td>
<td></td>
</tr>
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</table>

**DRENCH APPLICATION FOR INTERIORSCAPES AND FOR PLANTS GROWN IN CONTAINERS:**

Use AzaMax™ 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.

### II. USES FOR GARDEN CROPS, VEGETABLES, HERBS AND SPICES, FRUITS AND BERRIES

**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.

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

<table>
<thead>
<tr>
<th>CROP</th>
<th>PESTS such as:</th>
<th>Dilution Rate for Sprayers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leafy Vegetables including but not limited to: Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Endive, Kale, Lettuce, Spinach</td>
<td>Leafrollers, Cutworms, Loopers, Armyworms True Bugs, Leaffoppers, Whiteflies, Aphids, Beetles, Weevils, Flies, Thrips, Mites</td>
<td>Fl.Ozs. of product per 1,000 Sq.Ft.</td>
</tr>
<tr>
<td>0.19 - 0.96 fl.ozs.</td>
<td>½ Tbs. - 4 Tbs./gal</td>
<td></td>
</tr>
<tr>
<td>0.24 - 0.96 fl.ozs.</td>
<td>1 Tbs. - 4 Tbs./gal</td>
<td></td>
</tr>
<tr>
<td>Root Vegetables, including but not limited to: Beet, Carrot, Horseradish, Parsnip, Potato, Radish, Sweet potato, Turnip, Yams</td>
<td>Beetles, Weevils True Bugs, Leaffoppers, Whiteflies, Aphids, Leaffrollers, Cutworms, Loopers, Armyworms, Flies, Thrips, Mites</td>
<td>0.11 - 0.25 fl.ozs.</td>
</tr>
<tr>
<td>0.24 - 0.96 fl.ozs.</td>
<td>1 Tbs. - 4 Tbs./gal</td>
<td></td>
</tr>
<tr>
<td>Fruiting Vegetables including but not limited to: Eggplant, Pepper, Tomatillo, Tomato</td>
<td>Beetles, Weevils Thrips True Bugs, Leaffoppers, Whiteflies, Aphids, Leaffrollers, Cutworms, Loopers, Armyworms, Flies, Mites</td>
<td>0.29 - 0.96 fl.ozs.</td>
</tr>
<tr>
<td>0.29 - 0.96 fl.ozs.</td>
<td>2 Tbs. - 4 Tbs./gal</td>
<td></td>
</tr>
<tr>
<td>0.24 - 0.96 fl.ozs.</td>
<td>1 Tbs. - 4 Tbs./gal</td>
<td></td>
</tr>
<tr>
<td>Cucurbit Vegetables including but not limited to: Cucumber, Gourd (edible), Musk melon, Pumpkin, Squash, Watermelon, including Cantaloupe, Casaba, Gherkins, Melons (including hybrids), Zucchini</td>
<td>Beetles, Weevils Thrips True Bugs, Leaffoppers, Whiteflies, Aphids, Leaffrollers, Cutworms, Loopers, Armyworms, Flies, Mites</td>
<td>0.29 - 0.96 fl.ozs.</td>
</tr>
<tr>
<td>0.29 - 0.96 fl.ozs.</td>
<td>2 Tbs. - 4 Tbs./gal</td>
<td></td>
</tr>
<tr>
<td>0.24 - 0.96 fl.ozs.</td>
<td>1 Tbs. - 4 Tbs./gal</td>
<td></td>
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</tbody>
</table>

AzaMax™ can also be applied through sub-surface treatment equipment. Always follow manufacturer's use directions.
## USE RATES FOR GARDEN CROPS, VEGETABLES, HERBS AND SPICES, BERRIES AND FRUIT (cont.)

<table>
<thead>
<tr>
<th>CROP</th>
<th>PESTS such as:</th>
<th>Dilution Rate for Sprayers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Legume Vegetables including but not limited to:</strong> Bean, Chickpea, Lentil, Pea</td>
<td>Beetles, Weevils, Thrips, True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites</td>
<td>0.29 - 0.96 fl.ozs.</td>
</tr>
<tr>
<td><strong>Bulb Vegetables including but not limited to:</strong> Garlic, Onion, Shallot</td>
<td>Beetles, Weevils, Thrips, True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites</td>
<td>0.29 - 0.96 fl.ozs.</td>
</tr>
<tr>
<td><strong>Berries including but not limited to:</strong> Blackberry, Blueberry, Raspberry, Strawberry, others include: Boysenberry, Currants, Dewberry, Elderberry, Gooseberry, Loganberry</td>
<td>Beetles, Weevils, Thrips, True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites</td>
<td>0.29 - 0.96 fl.ozs.</td>
</tr>
<tr>
<td><strong>Herbs and Spices including but not limited to:</strong> 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</td>
<td>Beetles, Weevils, Thrips, True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites</td>
<td>0.29 - 0.96 fl.ozs.</td>
</tr>
<tr>
<td><strong>Nut Trees including but not limited to:</strong> Almond, Brazil nut, Filbert, Hickory nut, Pecan, Pistachios, Walnut</td>
<td>Beetles, Weevils, Thrips, True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites</td>
<td>0.29 - 0.96 fl.ozs.</td>
</tr>
<tr>
<td><strong>Pome Fruits including but not limited to:</strong> Apple, Quince, 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 usage.)</td>
<td>Beetles, Weevils, Thrips, True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites</td>
<td>0.29 - 0.96 fl.ozs.</td>
</tr>
<tr>
<td><strong>Stone Fruits including but not limited to:</strong> Apricot, Cherry, Nectarine, Peach, Plum</td>
<td>Beetles, Weevils, Thrips, True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites</td>
<td>0.29 - 0.96 fl.ozs.</td>
</tr>
<tr>
<td><strong>Citrus Fruits including but not limited to:</strong> Grapefruit, Lemon, Lime, Orange others include: Citrus Citron, Mandarin (tangerine), Nectarine, Satsuma (orange mandarin), Tangerine</td>
<td>Beetles, Weevils, Thrips, True Bugs, Leafhoppers, Whiteflies, Aphids, Leafrollers, Cutworms, Loopers, Armyworms, Flies, Mites</td>
<td>0.29 - 0.96 fl.ozs.</td>
</tr>
</tbody>
</table>

## STORAGe & DISPOSAL
Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE STORAGE:**
Store in original containers in a dry, cool, well-ventilated area.

**PESTICIDE DISPOSAL:**
- **If empty:** Do not refill or reuse this container. 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
The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Plant injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of PARRY AMERICA INC. All such risks shall be assumed by the user or buyer.

AzaMax™ is a trademark of PARRY AMERICA INC.

6-2008