



For Residential Use

Non-Oil Based, Water Soluble Powder

Active Ingredient: Azadirachtin.....6%
Other Ingredients:.....94%
Total:.....100%

Keep out of reach of children

CAUTION

Net Contents: 1 Container at 0.25 oz. (7 grams) each. 6 teaspoons
EPA Reg. No. to 81899-4-74578 EPA Est. No. 74578-MA-001

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 someone to explain it to you in detail.)

Distributed by Arborjet, Inc. 99 Blueberry Hill Road, Woburn, MA 01801

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 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, phone 24 hours a day, National Pesticide Telecommunication Network at 1-800-858-7378.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse.

USER SAFETY RECOMMENDATIONS

Users Should: Wash hands 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.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to birds and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

DIRECTIONS FOR USE

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

PRODUCT DESCRIPTION

AzaSol is a pale yellow/white, amorphous powder containing 6% by weight azadirachtin. It will instantly dissolve in water to give a solution that is ready for spray applications for pest control. Non-Oil based and highly effective as a powder.

Use AzaSol for pre-harvest treatment of fruits and vegetables in case of sudden pest infestations.

AzaSol is effective on a very wide spectrum of insects and pests as listed on this label.

Use AzaSol on a wide variety of plants as listed indoors and outdoors. If plans are made to use AzaSol on plants not listed on this label, it is recommended that a small area such as a leaf, stem, or branch be "test sprayed" first and checked several days later to make sure that leaf wilting or damage does not occur.

When used as directed, AzaSol will destroy targeted insect larvae when they, (1) eat sprayed plants, or (2) come in contact with the spray. AzaSol eliminates insects by stopping the insect's growth, and is effective on all insects listed, insect larval stages and pupae.

APPLICATION INSTRUCTIONS

READ ALL DIRECTIONS AND PRECAUTIONS BEFORE USE

To apply AzaSol select a suitable hand held trigger type sprayer that will deliver a forceful, fine, leaf, fruit covering, wetting, spray mist. To get thorough spray coverage on waxy or pubescent plant surfaces the addition of small amount of a suitable sticker agent (such as NuFilm P) added to the spray mix, at the recommended rates may give better foliage, insect coverage and control.

APPLICATION METHOD AND EQUIPMENT: Apply AzaSol as a foliar spray to control insects and nematodes. Apply AzaSol through sub-surface soil treatment equipment (e.g. lawn grass). To repel adult flies, apply through fogging equipment. Always follow equipment manufacturers use directions.

Always follow equipment manufacturer's use directions.

Apply AzaSol by using any powered or manual pesticide application equipment. Follow the original manufacturer's recommendations when using these types of equipment.

For optimum results, 2 to 3 applications made at 7 to 10 day intervals is recommended, unless otherwise specified. Foliar applications should be made to both sides of leaves. In addition, a sticker agent used as per the manufacturer's recommendations may improve product performance.

AZASOL USE RATE RECOMMENDATIONS FOR KEY PESTS BY USE SITE

AzaSol label rates specify dry ounce (weight/acre (high rate) and tsp or tbspp/1000 sq. ft. (low rate)). These label rates provide a high and low dose application of AzaSol.

Abbreviation & Conversion Table

Table with 2 columns: Abbreviation and Conversion. Rows include tsp to teaspoon, tbspp to tablespoon, A to acre, and conversion factors: 3 tsp = 1 tbspp, 1 A = 43,560 sq. ft.

High Rate 6 oz/50 gal water/Acre (6 oz. is approximately 170 tsp/50 gal water/acre) (approximately 4 tsp/1000 sq ft.)

Low Rate 1 tsp/1 gal water/1000 sq. ft. (1 tsp. is approximately 44 tsp/ 44 gal water/ acre)

USE RECOMMENDATION:

Low Rate (Recommended for preventative treatments before signs of infestation.) 1 tsp/1000 sq. ft.

Medium Rate (Recommended for most treatments. For preventative to medium infestations when pests are present.) 2-3 tsp/1000 sq. ft.

High Rate (Recommended for difficult to manage pests or high infestations.) 4 tsp/1000 sq. ft.

AzaSol is intended for use on outdoor plants and food crops, and plants grown indoors. It can be used to control any of the following insects and nematodes.

Use the tables below to determine the appropriate use rate for your site/pest combination.

AZASOL PEST CONTROL CHART:

USE RATES for indoor and outdoor plants including, FOOD CROPS, TREES and TURFGRASS

Table with 3 columns: PEST, RATES: AzaSol oz's./Acre-tsp./1,000 sq ft., COMMENTS For Spray or Drench. Rows include Whiteflies, Leaf Miners, Scale, Mealy Bugs, Thrips, Aphids, Psyllids, Bugs, Flies, and Sawflies.

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CATERPILLARS, such as: Armyworms, Artichoke plume moth, Bagworms, Bollworms, Budworms, Cabbage butterflies, Cabbage loopers, Cankerworms, Caseworms, Corn Earworms, Cutworms, Diamond back moths, Fireworms, Fruitworms, Grapeleaf skeletonizer, Gypsy moths, Hornworms, Imported Cabbage worm, leaf perforators, Leafrollers, Melonworms, Navel orangeworms, Oblique banded Leafrollers, Omnivorous Leafrollers, oriental fruit moths, Pickleworms, Pine tip moths, Pinworms, Red banded leaf rollers, Sod webworms, Soybean loopers, Tent Caterpillars, Tobacco budworms, Tussocks moth larvae	6 oz in 50 gal water/A 1 tsp/ 1 gal water/1,000 sq ft.	Spray when first larvae worms appear. Repeat applications in 7 to 10 days. For continued pest control in the spring or fall when insect infestations are expected. Spray ornamentals and other plants at intervals of 2 to 3 weeks.
BEETLES, larvae of : such as Bark beetles, Blueberry Flea beetles, Boll weevils, Colorado potato beetles, Flea beetles, Japanese beetles, Leaf beetles, Mexican bean beetles, Phylloxera, Rose Chafers, Twig girdlers	6 oz in 50 gal water/A 1 tsp/ 1 gal water/1,000 sq ft.	Spray when pests first appear. For Food crops, repeat application after 7 to 10 days. Do no use with oil! Make sure that all plant surfaces are thoroughly spray treated. Repeat in 5 to 7 days if required.
WEEVILS, such as Black vine weevils, Pepper weevils, Strawberry vine weevils	6 oz in 50 gal water/A 1 tsp/ 1 gal water/1,000 sq ft.	Foliar anti-feedant sprays will stop adult feeding. Make at least 3 to 4 applications 10 days apart.
BORERS, Larvae such as: Peach twig borer, Peach tree borers, Cranberry borers	6 oz in 50 gal water/A 1 tsp/ 1 gal water/1,000 sq ft.	Thoroughly spray in spring after egg hatch to control young larvae.
MOLE CRICKETS, nymphs and young "instars" Turf Treatment	6 oz in 50 gal water/A 1 tsp/ 1 gal water/1,000 sq ft.	For turfgrass, spray to drench turf for young cricket nymphs in spring. Stops young from growth to adults.
MUSHROOM FLIES Nematodes and Phorid Flies	Mix ½ oz. in 1 to 2 gal of water and mist over, (or drench) 1,000 sq ft.	

## USE SITES FOR AZASOL

<b>AzaSol can be used on Greenhouse: food crops, such as:</b> Brassica (cole) crops, cucurbits, eggplants, herbs and spices, legumes, peppers, tomatoes.
<b>MUSHROOMS,</b> Varieties such as: Agaricus, enoki, maitake, oyster, shitake and other specialty mushrooms
<b>FOOD CROPS including: Root, and tuber vegetables such as:</b> Artichoke, beets, carrots, ginger, horseradish, potatoes, radishes, rutabagas, sweet potatoes, turmeric, turnips, yams.
<b>Leafy vegetables (including Brassica leafy vegetables) such as:</b> Amaranth, broccoli, Brussels sprouts, cabbage, cauliflower, celery, chervil, Chinese cabbage, collards, cress, endives, fennel, kale, kohlrabi, lettuce, mizuna, mustard greens, parsley, purslane, rape greens, rhubarb, spinach, Swiss chard.
<b>Legume vegetables such as:</b> Beans (field, kidney etc..) chick-peas, cowpeas, guar, jackbeans, lablab beans, lentils, peas, pigeon peas, soybeans, sword beans.
<b>Fruiting vegetables such as:</b> Eggplants, ground-cherries, pepinos, peppers, pimentos, tomatillos, tomatoes.
<b>Cucurbit vegetables such as:</b> Bitter melons, Chayotes, Chinese wax gourds, citron melons, cucumbers gherkins, gourds, muskmelons (such as cantaloupes, casabas cranshaw etc.), pumpkins, squash, watermelons.
<b>Citrus Fruits such as:</b> Calamondins, citrus citrons, citrus hybrids, Grapefruits, Kumquats, Lemons, Limes, Mandarins, Oranges, pumellos, satusuma mandarins.
<b>Pome fruits such as:</b> Apples, crabapples, loquats, mayhaws, oriental pears, pears, quinces.
<b>Stone fruits such as:</b> Apricots, cherries, nectarines, peaches, plums, prunes.
<b>Berries such as:</b> Blackberries, caneberries, blueberries, currants, cranberries, elderberries, gooseberries, huckleberries, loganberries, raspberries, strawberries, youngberries.
<b>Cereal grains such as:</b> Barley, buckwheat, corn, millet, oats, popcorn, rice, rye, sorghum, teosinites, triticale hybrids, wheat, wild rice,
<b>Herbs and spices including but not limited to:</b> Allspice, ahgelica, anise, annatto, balm, basil, black and white peppers, borage, burnet, camomile, caper buds, cardamom, caraway, cassia, catnip, celery seeds, chervil, chives, cinnamon, caraway, cloves, coriander (cilantro), costmary, cummin, curry leaf, dills, fennels, fenugreek, grains of paradise, horehound, hyssop, juniper berry, lavender, lemongrass, lovage, mace, marigolds, marjoram, mustard seeds, nasturtium, nutmeg, parsley, pennyroyal, pepper (black & white), poppy seeds, rosemary, rue, saffron, sage, savory, sweet bay (bay leaf), tansy, tarragon, thyme, vanilla, wintergreen, woodruff, wormwood.
<b>Bulb vegetables such as:</b> Garlic, leek, onions, shallots.
<b>Nuts such as:</b> Almonds, beechnuts, Brazil nuts, butternuts, cashews, chestnuts, chinquapin, Coconuts, filberts, hickorynuts, macadamia, pecans, pistachios, walnuts.
<b>Oilseed crops such as:</b> Canola, castor, crambe, guar, jojoba, peanuts, rape, safflower, sesame, soybean, sunflower.

<b>Tropical fruits such as:</b> Atemoyas, bananas, breadfruits, cherimoyas, durians, guavas, malangas, mangos, papayas, passionfruits, starfruits.
<b>Other food &amp; non-food crops such as:</b> Asparagus, avocados, birdseed, cacao, coffee, edible flowers, feijoa, figs, ginseng, grapes, guayule, hops, kiwis, okras, olives, palms, papayas, pawpaws, persimmons, pineapples, rambutans, sugarcane, tamarillos, tea, tobacco, water chestnuts, watercress.
<b>Ornamental Plants such as:</b> African violets, ageratum, aster, aucuba, begonia, cacti, calandula, calla, carnation, ceanothus, chrysanthemum, cineraria, coleus, cyclamen, daf-fodil, dahlia, delphinium, ficus, foliage plants, fuschia, gardenia, geranium, gloxinia, hyacinth, hydrangea, iris, ivy, lily, maidenhair fern, marigold, narcissus, orchid, pansy, pelargonium, peony, phlox, pittisporum, poinsettia, pyracantha, rubber plant, snapdragon, stock, tulip, wandering jew, yew, yucca, zinnia.
<b>Ornamental Trees and Shrubs such as:</b> Andromeda, Arbovitae, ash, Austrian pine, azalea, beech, birch, birdsnest spruce, blue spruce, bougainvillea, boxwood, butternut, camellia, cedar, chamaecyprus, dogwood, douglas fir, elm, euonymus, firethorn, forsythia, hackberry, hawthorn, hemlock, hickory, holly, honeylocust, horsechestnut, ilex, juniper, larch, laurel, lilac, linden, London plane, magnolia, manvilla, maple, mimosa, mountain ash, myrtle, oak, pachysandra, peach, pine, pinhota, pines, plane tree, poplar, privet, quince, rhododendron, roses, spruce, sycamore, white cedar and white pine.
<b>Turf Grasses such as:</b> Bent grass, Bermuda grass, Bluegrass annual & perennial, Buffalo grass, Centipede grass, Fescue, Ryegrass; annual, Ryegrass; perennial, St. Augustine grass, Wheat grass, Zoysia grass
For control of Sod Webworms, Cutworms, Aphids, Leafhoppers, ants and chiggers: use a suitable pressure sprayer and mix 1 tbsp. in 2 to 3 gal of water and apply to 2,500 sq ft of turf. Apply when insect larvae first appear and if necessary repeat application in 10 to 14 days. The use of an approved "spreader sticker" may help the spray to penetrate turf down to the larvae/worm feeding area.

## DOSE/RATE SPRAY APPLICATIONS

AzaSol is measured in dry ounces (weight) and approximate teaspoons.

**NOTE: Low Rates** are recommended for preventative treatments before signs of insects. **Medium Rates** are recommended for most treatments for preventative to medium infestations when pests are present. **High Rates** are recommended for difficult to manage pests or for heavy infestations.

**AzaSol container recommendations for mixing, and dosing in spray applications.**

**Low Rate:** 0.07 oz. (approx. 2 tsp) / 2-4 gal of water/ 2,000 sq ft. or

**Medium Rate:** 0.07 oz. (approx. 2 tsp) / 1-2 gal of water/ 1,000 sq ft.

**High Rate:** 0.14 oz. (approx. 4 tsp) / 2-4 gal of water/ 1,000 sq ft.

## MIXING

**Reclosable Containers:**

AzaSol is sealed in the container to ensure airtight and water tight seal to protect powdered AzaSol. Carefully open and dispense the powder into the mixing tank. You can use the entire contents or you can measure a partial amount to meet mixing and rates specified for application. Airborn powder: You can reduce the amount of air born powder by avoiding windy conditions, using the entire contents of container, and by emptying contents into a partially filled tank. Agitate tank mix.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store product in the original labeled container in a cool, dry, locked place out of reach of children. Keep containers tightly closed when not in use.

**PESTICIDE PRODUCT DISPOSAL:** As a responsible environmental practice, where possible, it is recommended that all of the contents of the container be used, carefully following label directions and precautions.

**CONTAINER HANDLING:** IF EMPTY: Non-refillable container. Do not reuse this container. Place in trash or offer for recycling if available. IF PARTLY FILLED: Call your local waste agency or for disposal instructions. Never place unused product down any indoor or outdoor drain.

## IMPORTANT: PLEASE READ BEFORE USE

To the extent consistent with applicable laws, Arborjet, Inc. warrants that (a) this product conforms to the chemical description on its label; (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used in accordance with its directions; and (c) that the directions, cautions and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and plants, and upon reports of field experience. Testing has not been performed on all varieties of food crops, and plants, in all states, or under all application, weather and crop conditions. There are no express warranties other than those set forth herein. Arborjet, Inc. neither makes nor intends, nor does it authorize any agent or representative to make, any other warranty, express or implied. Arborjet, Inc. expressly excludes and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality of performance.

This warranty does not extend to, and the user shall be solely responsible for, any loss or damage that results from the use of this product in any manner that is inconsistent with this label's directions, or cautions.

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Distributed by:

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Rev 6/15