

Willowood Abamectin Granular Ant Bait

To kill fire ants and pavement ant in certain terrestrial food crops and around barns, chicken houses, and equipment.

ABAMECTIN	GROUP	6	INSECTICIDE
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ACTIVE INGREDIENT:

Abamectin..... 0.011%*

OTHER INGREDIENTS: 99.989%

TOTAL: 100.000%

*1 lb. of this product contains 0.00011 lb. of abamectin.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

IF SWALLOWED: 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person. • **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 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 ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. • **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 to 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.

HOT LINE 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 1-800-369-4352 for emergency medical treatment information

Manufactured by:

Ensystex IV, Inc.
202 Fairway Dr.
Fayetteville, NC 28305

Lot:

EPA Reg. No. 83923-14 EPA Est. No. 68850-NC-001

NET WEIGHT: 25 Pounds

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with eyes, skin, and 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.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves (barrier laminate; butyl rubber \geq 14 mils; nitrile rubber \geq 14 mils; neoprene rubber \geq 14 mils; natural rubber \geq 14 mils; polyethylene; polyvinyl chloride (PVC) \geq 14 mils; viton \geq 14 mils)
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Environmental Hazards

This pesticide is toxic to fish and wildlife. Do not apply directly to water, 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 wash water or rinsate.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

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 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.

Runoff Prevention

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 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.

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) and restricted-entry interval. The requirements in this box only 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 12 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 (barrier laminate; butyl rubber ≥ 14 mils; nitrile rubber ≥ 14 mils; neoprene rubber ≥ 14 mils; natural rubber ≥ 14 mils; polyethylene; polyvinyl chloride (PVC) ≥ 14 mils; viton ≥ 14 mils)
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not re-enter or allow others to enter treated areas until application is complete and dusts have settled.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

USE INFORMATION

Resistance Management

Some insect pests are known to develop resistance to products after repeated use. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area. Ensystem IV, Inc. encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

This product contains a Group 6 insecticide (abamectin). Insect biotypes with acquired or inherent resistance to Group 6 insecticides may eventually dominate the pest population if Group 6 insecticides are used repeatedly as the predominant method of control for targeted species. This may result in partial or total loss of control of those species by this product or other Group 6 insecticides.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect or mite may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

- In order to maintain susceptibility to this class of chemistry:
- Avoid using Group 6 insecticides exclusively for season-long control of insect species with more than one generation per crop season.
- For insect species with successive or overlapping generations, apply this product or other Group 6 insecticides using a “treatment window” approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated) of the Group 6 insecticides. Do not exceed the maximum amount of this product allowed per growing season.
- Following a treatment window of Group 6 insecticides, rotate to a treatment window of effective products with a different mode of action before making additional applications of Group 6 insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest’s ability to develop resistance to these classes of chemistry.
- If resistance is suspected, do not reapply this product or other Group 6 miticides/insecticides.

Other Insect or Mite Resistance Management (RM) practices include:

- Incorporating IPM techniques into your insect control program
- Monitoring treated insect populations for loss of field efficacy
- Using tank-mixtures or premixes with insecticides from a different target site of action group as long as the involved products are all registered for the same crop outlet and effective rates are applied

For additional information on Insect or Mite Resistance Management:

- Contact your local extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://www.irac-online.org/>.

Where to Use

Terrestrial Food Crops:

Apples

Avocados

Celeriac

Citrus Fruit Crop Group 10 (including citrus orchard floor): Calamondin (*Citrus mitis* x *Citrofortunella mitis*); Citrus citron (*Citrus medica*); Citrus hybrids (*Citrus* spp.) (includes chironja, tangelo, tangor); grapefruit (*Citrus paradisi*); kumquat (*Fortunella* spp.); lemon (*Citrus jambhiri*, *Citrus limon*); lime (*Citrus aurantiifolia*); Mandarin (tangerine) (*Citrus reticulata*); orange, sour (*Citrus aurantium*); orange, sweet (*Citrus sinensis*); pummelo (*Citrus grandis*, *Citrus maxima*); Satsuma mandarin (*Citrus unshiu*)

Cotton

Cucurbit Vegetables Crop Group 9: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); Citron melon; cucumber; gherkin; gourd, edible (includes Chinese okra, cucuzza, hechima, hyotan); *Momordica* spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber); muskmelon (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon); pumpkin; squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini); squash, winter (includes acorn squash, butternut squash, calabaza, hubbard squash, spaghetti squash); watermelon

Dry Beans

Fruiting Vegetables except Cucurbits Crop Group 8: eggplant (*Solanum melongena*); groundcherry (*Physalis* spp.); pepino (*Solanum muricatum*); pepper (*Capsicum* spp.) (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper); tomatillo (*Physalis ixocarpa*); tomato (*Lycopersicon esculentum*)

Grapes

Herb Subgroup 19A: angelica; balm (lemon balm); basil; borage; burnet; chamomile; catnip; chervil (dried); chive; chive, Chinese; clary; coriander (cilantro or Chinese parsley (leaf)); costmary; culantro (leaf); curry (leaf); dill (dillweed); horehound; hyssop; lavender; lemongrass; lovage (leaf); marigold; marjoram (include sweet or annual marjoram, wild marjoram or oregano, and pot marjoram); Nasturtium; parsley (dried); pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay (bay leaf); tansy; tarragon; thyme; wintergreen; woodruff; wormwood

Hops

Leafy Vegetables except Brassica Crop Group 4: amaranth (leafy amaranth, Chinese spinach, tampa-la); arugala (roquette); cardoon; celery; celtuce; chervil; chrysanthemum, edible-leaved; chrysanthemum, garland; corn salad; cress, garden; cress, upland (yellow rocket, winter cress); dandelion; dock (sorrel); endive (escarole); fennel, Florence (finocchio); lettuce, head and leaf; orach; parsley; Purslane, garden; Purslane, winter; radicchio (red chicory); rhubarb; spinach; spinach, New Zealand; spinach, vine; Swiss chard

Mint (Peppermint and Spearmint)

Onion, Bulb Crop Subgroup 3-07A: chive, fresh leaves; chive, Chinese, fresh leaves; daylily, bulb; Elegans hosta; Fritillaria, bulb; Fritillaria, leaves; garlic, bulb; garlic, great headed, bulb; garlic, serpent, bulb; kurrat; lady's leek; leek; Leek, wild; lily, bulb; onion, Beltsville bunching; onion, bulb; onion, Chinese, bulb; onion, fresh; onion, green; Onion, macrostem; onion, pearl; onion, potato, bulb; onion, tree, tops; onion, Wesh, tops; shallot, bulb; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these

Pears

Pistachios

Potato

Stone Fruit Crop Group 12: apricot (*Prunus armeniaca*); cherry, sweet (*Prunus avium*); cherry, tart (*Prunus cerasus*); nectarine (*Prunus persica*); peach (*Prunus persica*); plum (*Prunus domestica*, *Prunus* spp.); plum, Chickasaw (*Prunus angustifolia*); plum Damson (*Prunus domestica* spp. *insititia*); plum, Japanese (*Prunus salicina*); plumcot (*Prunus armeniaca* x *P. domestica*); prune (fresh) (*Prunus domestica*, *Prunus* spp.)

Strawberries

Tuberous and Corm Vegetable Crop Group 1C: radish; radish, oriental (daikon); rutabaga; salsify (oyster plant); salsify, black; salsify, Spanish; skirret; sweet potato; tanier; turmeric; turnip; yam bean; yam, true

Tree Nuts Crop Group 14: almond (*Prunus dulcis*); beech nut (*Fagus* spp.); Brazil nut (*Bertholletia excelsa*); butternut (*Juglans cinerea*); cashew (*Anacardium occidentale*); chestnut (*Castanea* spp.); Chinquapin (*Castanea pumila*); filbert (hazelnut) (*Corylus* spp.); hickory nut (*Carya* spp.); Macadamia nut (bush nut) (*Macadamia* spp.); pecan (*Carya illinoensis*); walnut, black and English (Persian) (*Juglans* spp.)

Agricultural premises not accessible to livestock:

Around barns, chicken houses, and agricultural equipment

How This Product Works

Willowood Abamectin Granular Ant Bait controls fire ants and pavement ants by:

- 1) First, this product is a stomach insecticide that slowly kills ants after they ingest the bait. This slow action is important because it allows worker ants to pass the product throughout the colony and eventually to the queen.
- 2) Second, this product directly impacts the queen; after the queen ingests the product, viable egg production ceases.

The combined effect is elimination of the ant colony.

APPLICATION PROCEDURES

When to Apply

- Apply when ants are actively foraging (typically when soil temperatures are greater than 60°F [15°C]) or consult your listed state agricultural experiment station or state Agricultural Extension Service for optimum timing of application.
- Do not apply if foliage is wet; the bait particles may stick to the foliage and that could result in poor coverage. For maximum effectiveness, apply after dew or rainfall on the soil surface has also dried.
- For best results, do not apply this product if rainfall is anticipated within 4-6 hours after application, and wait at least 48 hours before irrigating the treated area.

Note: Allow 7-10 days after applying this product before using a contact insecticide. This allows worker ants time to collect the bait and distribute the bait throughout the colony.

How to Apply

Broadcast Application Instructions

Amount of Willowood Abamectin Granular Ant Bait	Ground Application Equipment	Aerial Application Equipment
1 lb. / Acre	<ul style="list-style-type: none">• Apply this product using properly calibrated equipment to ensure accurate dosage and uniform distribution.• Spreaders must not crush bait particles because this could result in “caking” and misapplication.• See Use Restrictions	<ul style="list-style-type: none">• Apply aerially using either rotary or fixed-wing aircraft.• Applications must be made using properly calibrated equipment that will uniformly distribute 1 lb. of this product per acre.• See Use Restrictions

Use Restrictions

- **Method of Application** (Also see **Broadcast Application Instructions**)
 - Ground or aerial application is permitted only in the **Terrestrial Food Crops** listed in the **USE INFORMATION** section of this label.
 - Only ground application equipment may be used for application around barns, chicken houses, and equipment.
- **Buffer zone:** To avoid hazard to aquatic organisms, do not apply this product within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes, potholes, natural ponds, estuaries, or commercial fish ponds.
- **Maximum Amount per Application:** Do not apply more than 1 lb. of this product (0.00011 lb. a.i. abamectin) per acre per application.
- **Application Interval:** If retreatment is needed due to insufficient control, reinfestation, or continued activity of very large mounds, areas may be retreated 30 days after the previous application. However, do not exceed the maximum amount permitted per year.
- **Maximum Amount per Year:** Do not apply more than 4 lbs. of this product (0.00044 lb. a.i. abamectin) per acre per year.
- **Pre-Harvest Interval (PHI) for Terrestrial Food Crops:** 0 days
- **Location Restrictions:**
 - Do not apply around chicken houses where birds may come into contact with treated areas. Chickens may be returned to treated areas 7 days after application or after the ants have been given sufficient time to collect the bait.
 - Do not use on any crops not listed in the **USE INFORMATION** section of this label.
- **Grazing Restriction:**
 - Do not use in pastures or rangeland grazed by cattle, sheep, or other animals (including horses).
 - To avoid illegal residues, do not allow livestock to graze in any treated areas.

Individual Mound Treatment Application Instructions

Amount of Willowood Abamectin Granular Ant Bait per Mound	Application Instructions
For best results use 5-7 tablespoons per ant mound.	<ul style="list-style-type: none">• Sprinkled the bait uniformly in a circle around the base of the mound out to a distance of approximately 2 to 4 feet.• Do not apply this product directly to the top of the mound.• Do not disturb the ant mound.

NOTE: Utensils that have been used to measure a pesticide must not be used for food purposes.

Use Restrictions

- **Buffer zone:** To avoid hazard to aquatic organisms, do not apply this product within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes, pot holes, natural ponds, estuaries, or commercial fish ponds.
- **Maximum Amount per Application:** Do not treat more than 12 ant mounds per acre. If there are more than 12 mounds per acre to be treated, follow broadcast application directions.
- **Application interval:** If retreatment is needed due to insufficient control, reinfestation, or continued activity of very large mounds, areas may be retreated 30 days after the previous application. However, do not exceed the maximum amount permitted per year.
- **Maximum Amount per Year:** Do not apply more than 4 lbs. of this product per acre per year.
- **PHI for Terrestrial Food Crops:** 0 days
- **Location Restrictions:**
 - Do not apply around chicken houses where birds may come into contact with treated areas. Chickens may be returned to treated areas 7 days after application or after the ants have been given sufficient time to collect the bait.
 - Do not use on any cropland not listed in the **USE INFORMATION** section of this label.
- **Grazing Restriction:**
 - Do not use in pastures or rangeland grazed by cattle, sheep, or other animals (including horses).
 - To avoid illegal residues, do not allow livestock to graze in any treated areas.

STORAGE AND DISPOSAL

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

Pesticide Storage

This product may be an attractant to rodents and domestic animals. Store in a cool, dry, secure place. To maintain maximum effectiveness, close container tightly after each use and use within 5 months after opening.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling

Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

CONDITIONS OF SALE: The Directions for Use of this product are believed to be adequate and must be followed carefully. However, because of manner of use and other factors beyond the control of ENSYSTEX IV, Inc., it is impossible for ENSYSTEX IV to eliminate all risks associated with the use of this product such as ineffectiveness or unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ENSYSTEX IV harmless for any claims relating to such factors.

DISCLAIMER OF WARRANTIES: Seller warrants that this product conforms to the chemical description in the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the Directions for Use under normal conditions of use. ENSYSTEX IV MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES TO THE EXTENT CONSISTENT WITH APPLICABLE LAW WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, under abnormal conditions or under conditions not reasonably foreseeable by (or beyond the control of) seller or ENSYSTEX IV, Inc., and buyer assumes the risk of any such use.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, ENSYSTEX IV shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ENSYSTEX IV AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ENSYSTEX IV, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

February 20, 2020