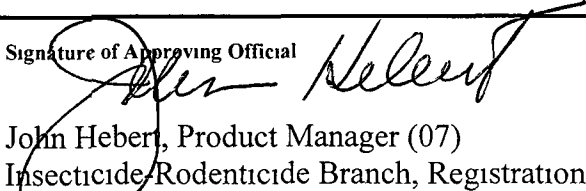


87290-36

12/14/2012

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 U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave NW Washington DC 20460 NOTICE OF PESTICIDE <u>X</u> Registration ___ Reregistration (under FIFRA as amended)	EPA Reg Number 87290-36	Date of Issuance DEC 14 2012
	Term of Issuance Unconditional	
	Name of Pesticide Product Willowood Abamectin 0 7SC	
Name and Address of Registrant (include ZIP Code) Mike Kellogg Willowood LLC c/o Pyxis Regulatory Consulting, Inc 4110 136 th St NW Gig Harbor, WA 98332		
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.		
On the basis of information furnished by the registrant the above named pesticide is hereby registered under the Federal Insecticide Fungicide and Rodenticide Act Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment the Administrator on his motion may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others. This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you 1 Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data 2 Storage stability (830 63 17) and corrosion characteristics (830 6320) data must be submitted within 18 months from the date of this registration notice 3 Make the following label change before you release the product for shipment Revise the EPA Registration Number to read, "EPA Reg No 87290-36"		
Signature of Approving Official  John Hebert, Product Manager (07) Insecticide/Rodenticide Branch, Registration Division (7505P)		Date DEC 14 2012

4 The Basic Confidential Statement of Formula (CSF) dated 9/4/2012 is acceptable and is the only approved CSF for this product

5 **Note** Should you wish to add a reference to the company's website on your label, please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, **regardless of whether a website is referenced on your product's label**, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

5 Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this notice, please contact Jessica Rogala via e-mail at jogala.jessica@epa.gov or by telephone at (703) 347-0263.

John Hebert
Product Manager (07)
Insecticide-Rodenticide Branch
Registration Division (7505P)

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RESTRICTED USE PESTICIDE

TOXIC TO FISH MAMMALS AND AQUATIC ORGANISMS
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR
DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED
APPLICATOR S CERTIFICATION

Willowood Abamectin 0.7SC

Miticide/Insecticide

GROUP	6	INSECTICIDE
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ACTIVE INGREDIENT

Abamectin*

8.0%

OTHER INGREDIENTS

92.0%

TOTAL

100.0%

*CAS No 71751-41-2 1Gal contains 0.7 lb Abamectin

KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

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)

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 INHALED	- Move person to fresh air - If person is not breathing call 911 or an ambulance then give artificial respiration preferably by mouth to mouth if possible - Call a poison control center or doctor for further treatment advice
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

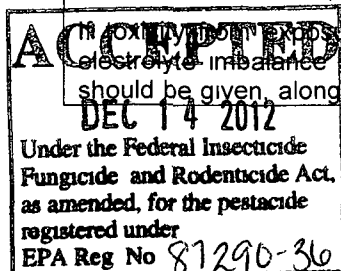
HOT LINE NUMBER

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 6:30 am to 4:30 pm Pacific Time or your poison control center at 1 800 222-1222

NOTE TO PHYSICIAN

Early signs of intoxication include dilation of pupils muscular incoordination and muscular tremors Toxicity following accidental ingestion of this product can be minimized by early administration of chemical absorbents (e.g. activated charcoal)

If only minor exposure has progressed to cause severe vomiting the extent of resultant fluid and electrolyte imbalance should be gauged Appropriate supportive parenteral fluid replacement therapy should be given along with other required supportive measures (such as maintenance of blood pressure)



levels and proper respiratory functionality) as indicated by clinical signs symptoms and measurements

In severe cases observations should continue for at least several days until clinical condition is stable and normal Since abamectin is believed to enhance GABA activity in animals it is probably wise to avoid drugs that enhance GABA activity (barbiturates benzodiazepines valproic acid) in patients with potentially toxic abamectin exposure

EPA Reg No 87290-~~GA~~ 36

EPA Est No

Manufactured for

Willowood LLC
1600 NW Garden Valley Blvd #120
Roseburg OR 97471

Net Contents

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING/AVISO**

May be fatal if swallowed or inhaled Do not breathe vapor or spray mist Harmful if absorbed through the skin Causes moderate eye irritation Avoid contact with skin eyes or clothing Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse

PERONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below If you want more options follow the instructions for Category A on an EPA chemical resistance category selection chart

Applicators and other handlers must wear

- Long-sleeved shirt and long pants
- Chemical resistant gloves – EPA chemical-resistance category A (e g natural rubber ≥ 14 mils)
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate Do not reuse them 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

Engineering Controls

When handlers use closed systems enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6) the handler PPE requirements may be reduced or modified as specified in the WPS

IMPORTANT When reduced PPE is worn because a closed system is being used handlers must be provided all PPE specified above for applicators and other handlers and have such PPE immediately available for use in an emergency such as a spill or equipment break-down

User Safety Recommendations

Users should

- Wash hands before eating drinking chewing gum using tobacco or using the toilet
- Remove clothing/PPE immediately if pesticide gets inside Then wash thoroughly and put on clean clothing

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 apply when weather conditions favor drift from target areas. Do not contaminate water when disposing of equipment wash water or rinsate. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging in/or adjacent to the treatment area.

Use of this product may pose a risk to threatened and endangered species of fish, amphibians, crustaceans (including fresh water shrimp) and insects. All use of this product in the state of California should comply with the recommendations of the California Endangered Species Project. Before using this product in California, consult with your county agriculture commissioner to determine use limitations that apply in your area.

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a medium potential for reaching both surface water and aquatic sediment via runoff for several weeks to months after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of abamectin from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecast to occur within 48 hours.

Attention: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

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.

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. Exception: For grape girdling, cane turning, and tying in grapes, do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 days.

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 over short pants and short sleeved shirt
- Chemical-resistant gloves – EPA chemical resistance category A (e.g., natural rubber ≥ 14 mils)
- Shoes plus socks

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR PEST CONTROL, AND/OR ILLEGAL RESIDUES

PRODUCT INFORMATION

Apply Willowood Abamectin 0.7SC in accordance with label directions for control of listed pests. There must be thorough coverage of the target area for effective control.

Willowood Abamectin 0.7SC is an aqueous-based soluble concentrate and must be combined with a horticultural spray oil (not a dormant oil) or a non phytotoxic non ionic activator type wetting, spreading and/or penetrating adjuvant in order to avoid illegal residues. Read and follow the label directions and restrictions for the horticultural spray oil and the directions on all products used in the spray solution.

Do not combine this product with sticker type/binder surfactants.

Do not store near or use with oxidizing agents.

Non Phytotoxic Non Ionic Activator Type Wetting, Spreading And/Or Penetrating Adjuvant

Includes non ionic surfactants (NIS) with at least 15% emulsifiers/surfactants and that contain 75% surface active agent and crop oil concentrates (COC), methylated seed/vegetable oils (MSO), organosilicones (OS) and vegetable oil concentrates (VOC). This also includes products containing a blend of these non-ionic activator type adjuvants.

Any adjuvants combined with this product must be compatible with Willowood Abamectin 0.7SC. Adjuvants must be used in accordance with the adjuvant label directions unless otherwise specified in this label.

For adjuvants, Willowood recommends Chemical Producers and Distributors Association-certified products.

Phytotoxicity

Phytotoxicity testing has confirmed that Willowood Abamectin 0.7SC has a wide safety margin when applied to listed crops.

This product may be mixed with many pesticides, nutritional sprays and crop oils in common use. However, as testing of all possible mixtures is not possible, applicators must pre-test any proposed mixture to ensure physical compatibility and to assess any potentially phytotoxic effects.

- **New York State Restriction** Do not apply Willowood Abamectin 0.7SC with aircraft in New York State.
- **Chemigation** Do not apply this product through any type of irrigation system.

SPRAY DRIFT

Responsibility

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator is responsible for considering all of these factors when making application decisions.

NOTE When states have more stringent regulations, they must be observed.

Spray Drift Precautions for Application with Aircraft or Ground Application Equipment

- Apply Willowood Abamectin 0.7SC only when wind velocity favors on-target product deposition (approximately 3 to 10 mph).

- Do not apply with ground application equipment within 25 ft of or with aircraft within 150 ft of lakes reservoirs rivers permanent streams marshes pot holes natural ponds estuaries or commercial fish farm ponds
- Do not cultivate within 25 ft of the aquatic area to allow growth of a vegetative filter strip
- Do not allow this product to drift onto non target areas Drift may result in illegal residues or injury to non-target species Risk of exposure to sensitive areas can be reduced by applying this product when the wind direction is away from the sensitive area
- Do not apply when the weather conditions may cause drift
- Avoid application when the temperature is high and/or the humidity is low These conditions increase the evaporation of spray droplets and the likelihood of drift to aquatic areas
- Do not apply when wind speed or wind gusts are greater than 15 mph
- Do not apply when wind speed is below 2 mph because wind direction will vary and there is a high potential for inversion
- Observe the following precautions when using ground application to spray tree crops or hops in the vicinity of aquatic areas such as lakes reservoirs permanent streams marshes potholes natural ponds estuaries or commercial fish ponds
 - Do not apply Willowood Abamectin 0.7SC when weather conditions favor drift to aquatic areas
 - Do not apply within 110 ft upwind of aquatic areas or when wind speed is above 8 mph
 - Spray last 3 rows windward of aquatic areas using nozzles on one side only with spray directed away from the aquatic areas
 - Avoid spray going over tops of trees by adjusting or turning off top nozzles Shut off nozzles on the side away from the grove/orchard when spraying outside row Shut off nozzles when turning at ends of row and passing tree gaps in rows

Spray Drift Precautions for Aerial Application

Drift Management Requirements

The following drift management requirements must be followed to avoid off target movement from aerial applications to agricultural field crops

Outermost Nozzle Distance

The distance of the outermost nozzles on the boom must not exceed $\frac{3}{4}$ the length of the wingspan or rotor

Nozzle Direction

Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees

Maximum Wind Speed

Do not apply when wind speed is greater than 15 mph

Droplet Size

The most effective way to reduce drift potential is to apply large droplets The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control Applying larger droplets reduces drift potential but will not prevent drift if applications are made improperly or under unfavorable environmental conditions (see **Wind, Temperature and Humidity, and Temperature Inversions**)

Controlling Droplet Size

Volume

Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

Pressure

Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

Number of Nozzles

Use the minimum number of nozzles that provide uniform coverage.

Nozzle Orientation

Orienting nozzles so that the spray is released parallel to the air stream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.

Nozzle Type

Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

Boom Length

For some use patterns, reducing the effective boom length to less than $\frac{3}{4}$ of the wingspan or rotor length may further reduce drift without reducing swath width.

Application Height

Applications should not be made at a height greater than 10 ft above the top of the target plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

Swath Adjustment

When applications are made with a cross wind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind.

Wind

Drift potential is lowest between speeds of 2-10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any given speed. Application must be avoided below 2 mph due to variable wind direction and high inversion potential.

NOTE Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

Temperature and Humidity

To compensate for evaporation when applying Willowood Abamectin 0.75SC in low relative humidity, set up equipment to produce larger droplets. Evaporation of droplets is most severe when conditions are both hot and dry.

Temperature Inversions

Willowood Abamectin 0.75SC must not be applied during a temperature inversion because the potential for drift is high. Temperature inversions restrict vertical air mixing, and this causes small, suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds that are common during inversions. Temperature inversions are characterized by temperatures that increase with altitude and are common on nights with limited cloud cover and light to no wind. Inversions begin to form as the sun sets and often continue into the morning. Their presence can

be indicated by ground fog however if fog is not present the movement of smoke from a ground source or an aircraft smoke generator can also identify inversions Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion while smoke that moves upward and rapidly dissipates indicates good vertical air mixing

Resistance Management

Willowood Abamectin 0.7SC contains the active ingredient abamectin and is a Group 6 insecticide There is an inherent risk that pests will develop resistance to a pesticide which may render application ineffective Therefore this product should be applied in a resistance management program

When this product is applied to vegetation that is hosting multiple generations of specified pests utilize resistance management practices including (but not limited to)

- 1 Do not treat successive generations of listed pests with this product
- 2 Rotate use of this product with products with a different mode of action
- 3 Use non chemical treatment to control pests (e.g. beneficial arthropods)
- 4 Rotate susceptible plants to non susceptible plants
- 5 Use a variety of cultural practices
- 6 Use the specified use rates and spray application intervals

Contact a company representative or a local agricultural advisor for more guidance on implementing resistance management measures

CROP USE DIRECTIONS

APPLES

Apply Willowood Abamectin 0.7SC with ground concentrate or conventional dilute sprayers

Calibrate spray application equipment to deliver sufficient solution for thorough coverage of the target area Spray volume will depend on the number and size of trees in the treatment area and foliage density For optimal control thorough coverage is essential

Willowood Abamectin 0.7SC must be combined with a horticultural spray oil (not a dormant oil) in order to avoid illegal residues Read and follow the label directions and restrictions for the horticultural spray oil and the directions on all products used in the spray solution Do not combine this product with sticker type/binder surfactants

Applying Willowood Abamectin 0.7SC alone in combination with horticultural spray oil or in sequence with other product(s) may cause fruit damage to certain varieties of apple for example light skinned varieties such as Golden Delicious may display russetting

There must be thorough coverage of the target area in order to achieve control of target pests

Restriction

- Willowood Abamectin 0.7SC when combined with a horticultural spray must not be applied within 14 days of an application of Captan® or phytotoxicity and crop loss may occur

Apples Dilute Spray Application

Application rates are based on an application spray volume of 400 gallons per acre
Where horticultural spray is used apply at a rate of 1 gallon per acre or 0.25% of application solution

Willowood Abamectin 0.75% Application Rate	Pests Controlled	Directions
0.5 - 1.0 fl. oz. per 100 gallons of spray solution	European red mite McDaniel spider mite Tentiform leafminer Twospotted spider mite White apple leafhopper	Treat the target area with Willowood Abamectin 0.75% when insect/spider mite thresholds are reached. Make a second treatment if required in order to maintain control of target pests. Refer to Restrictions (below) For optimal control of spider mites treat with Willowood Abamectin 0.75% prior to a spider mite threshold of 5 spider mites per leaf. Residual control of spider mites is greater on newer leaves and less on older leaves. For optimal control of spider mites apply this product during the period between petal fall up to 6 weeks after petal fall. For optimal control of Tentiform Leafminer treat first and second generation tentiform leafminers at the egg stage and at the early sap feeder stage of development when thresholds (locally established) have been reached. Restriction: Do not apply Willowood Abamectin 0.75% during bloom. For control of White Apple Leafhopper apply Willowood Abamectin 0.75% to the first generation only shortly after petal fall. Restriction: Do not apply Willowood Abamectin 0.75% west of the Rocky Mountains.

Apples Concentrate Spray Application

In order to calculate the use rate for concentrate spray application

1. Calculate the amount needed for a full cover dilute application
2. Use the same amount of Willowood Abamectin 0.75% in a concentrate spray application that would be required for a dilute spray to the same grove/orchard. Note: this may result in a use rate of <2.25 fl. oz. per acre.

Where horticultural spray is used apply at a rate of a 1 gallon per acre minimum

Willowood Abamectin 0.75% Application Rate	Pests Controlled	Directions
2.25 - 4.25 fl. oz. per acre	European red mite McDaniel spider mite Tentiform leafminer Twospotted spider mite White apple leafhopper	Treat the target area with Willowood Abamectin 0.75% when insect/spider mite thresholds are reached. Make a second treatment if required in order to maintain control of target pests. Refer to Restrictions (below) For optimal control of spider mites treat with Willowood Abamectin 0.75% prior to a spider mite threshold of 5 spider mites per leaf. Residual control of spider mites is greater on newer leaves and less on older leaves. For optimal control of spider mites apply this product during the period between petal fall up to 6 weeks after petal fall. For optimal control of Tentiform Leafminer treat first and second generation tentiform leafminers at the egg stage and at the early sap feeder stage of development when thresholds (locally established) have been reached.

		Restriction Do not apply Willowood Abamectin 0 7SC during bloom For control of White Apple Leafhopper apply Willowood Abamectin 0 7SC to the first generation only shortly after petal fall Restriction Do not apply Willowood Abamectin 0 7SC west of the Rocky Mountains
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Restrictions

- Willowood Abamectin 0 7SC must not be applied within 28 days of harvest
- Willowood Abamectin 0 7SC must be combined with a horticultural spray oil (not a dormant oil) in order to avoid illegal residues Read and follow the label directions and restrictions for the horticultural spray oil and the directions on all products used in the spray solution
- Do not combine this product with sticker type/binder surfactants
- Willowood Abamectin 0 7SC when combined with a horticultural spray must not be applied within 14 days of an application of Captan® or phytotoxicity and crop loss may occur
- Treatment with Willowood Abamectin 0 7SC must be by ground application only
- Do not treat with Willowood Abamectin 0 7SC via aerial application
- Do not exceed a maximum of 4 25 fl oz per acre of Willowood Abamectin 0 7SC (0 023 lb of active ingredient per acre) in a single application The maximum use rate of 0 023 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage
- Apply Willowood Abamectin 0 7SC in a minimum of 40 gallons of water per acre
- Where required to maintain control a second application must not be made for a minimum of 21 days after the first application This maximum applies to any other product containing abamectin that is applied to foliage
- Do not exceed a maximum of 2 applications of Willowood Abamectin 0 7SC or any other foliar-applied abamectin containing product per growing season
- Do not exceed a maximum of 8 5 fl oz per acre of Willowood Abamectin 0 7SC (or 0 047 lb of active ingredient per acre) per growing season This maximum applies to any other product containing abamectin that is applied to foliage
- Grazing Do not allow livestock to graze in treated orchards

AVOCADOS

Apply Willowood Abamectin 0 7SC as a ground application or via aerial application in order to control avocado thrips

For optimal effectiveness apply Willowood Abamectin 0 7SC as a ground application Aerial application is less effective than ground application in controlling thrips If Willowood Abamectin 0 7SC is applied by air the applicator is solely responsible for any reduced control of thrips or any reduction in the duration of control of thrips

Spray volume will depend on the number and size of trees in the treatment area and foliage density For optimal control thorough coverage is essential

Willowood Abamectin 0 7SC must be combined with a horticultural spray oil labeled for application in avocados (not a dormant oil) at a rate of 1 0% to 4 0% v/v in order to avoid illegal residues Read and follow the label directions and restrictions for the horticultural spray oil and the directions on all products used in the spray solution Apply the combination to a small test area when applying oil concentrations exceeding 2% prior to full application

Do not combine this product with sticker-type/binder surfactants

Infestation levels

- Low 1 2 immature thrips per fruit/leaf
- Moderate 3-4 immature thrips per fruit/leaf
- Severe More than 5 immature thrips per fruit/leaf

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
Low to moderate infestations 2.25 - 3.25 fl oz per acre Severe infestations 3.25 - 4.25 fl oz per acre	Avocado Thrips (<i>Scirtothrips perseae</i>)	For optimal control apply Willowood Abamectin 0.7SC before numbers of immature thrips exceed 5 per leaf/fruit. A second application may be made as required in order to maintain control a minimum of 30 days after the first application (refer to Restrictions below). If Willowood Abamectin 0.7SC is applied via ground application and where spray volume exceeds 400 gallons per acre apply this product at a rate of 0.5 fl oz per 100 gallons of water.

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 14 days of harvest
- Willowood Abamectin 0.7SC must be combined with a horticultural spray oil labeled for application in avocados (not a dormant oil) in order to avoid illegal residues. Read and follow the label directions and restrictions for the horticultural spray oil and the directions on all products used in the spray solution.
- Do not combine this product with sticker type/binder surfactants
- Ground application Willowood Abamectin 0.7SC must be applied in a minimum of 100 gal of water per acre
- Aerial application Willowood Abamectin 0.7SC must be applied in a minimum of 50 gal of water per acre
- Do not exceed a maximum of 4.25 fl oz per acre of Willowood Abamectin 0.7SC (0.023 lb of active ingredient per acre) in a single application. The maximum use rate of 0.023 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- Where required a second application must not be made for a minimum of 30 days after the first application. This maximum applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 2 applications of Willowood Abamectin 0.7SC or any other foliar applied abamectin containing product per growing season.
- Do not exceed a maximum of 8.5 fl oz per acre of Willowood Abamectin 0.7SC (or 0.047 lb of active ingredient per acre) per season. This maximum applies to any other product containing abamectin that is applied to foliage.
- Treated orchards must not be used for grazing.

CELERIAC (*APIUM GRAVEOLLENS*)

Apply Willowood Abamectin 0.7SC in order to control twospotted spider mite as a conventional dilute treatment or using concentrate sprayers. For best effectiveness calibrate sprayers to ensure sufficient water is delivered and the crop canopy is thoroughly covered with the treatment solution. Reduced control may result if coverage is insufficient.

Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading, wetting and/or penetrating adjuvant in order to avoid illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker type/binder surfactants.

Willowood Abamectin 0.75% Application Rate	Pests Controlled	Directions
3.5 fl oz per acre	Twospotted spider mite	Treat with Willowood Abamectin 0.75% when mites first appear. Repeat treatment may be made in order to maintain control as required. Refer to Restrictions (below).

Restrictions

- Willowood Abamectin 0.75% must not be applied within 7 days of harvest.
- Willowood Abamectin 0.75% must be combined with a non-ionic activator type spreading, wetting and/or penetrating adjuvant labeled for use in cleriac in order to avoid illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution.
- Do not combine this product with sticker type/binder surfactants.
- Treatment with Willowood Abamectin 0.75% must be by ground application only.
- Willowood Abamectin 0.75% must be applied in a minimum of 20 gal of water per acre.
- A repeat application may be made after 7 days if necessary. Do not foliar apply any abamectin-containing product within 7 days of a previous foliar abamectin application.
- Do not exceed a maximum of 2 sequential applications of Willowood Abamectin 0.75% or any other foliar applied abamectin containing product.
- Following transplantation, do not exceed a maximum of 10.25 fl oz per acre of Willowood Abamectin 0.75% (0.056 lb of active ingredient per acre) per season. The maximum use rate of 0.056 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.

CITRUS FRUIT CROP GROUP (CROP GROUP 10)

(Calamondin, Citrus citron, Citrus hybrids (includes chironja, tangelo, tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Sour orange, Sweet orange, Pummelo, and Satsuma mandarin)

Spray volume will depend on the number and size of trees in the treatment area and foliage density. For optimal control, thorough coverage is essential.

Aerial Application

Restrictions

- Willowood Abamectin 0.75% must not be applied by air in California.
- Willowood Abamectin 0.75% must only be applied by air in order to control citrus leafminer.

Aerial treatment of leafminer may result in reduced efficacy in the control of leafminer and the duration of control when compared to ground application.

Ground Application

Apply Willowood Abamectin 0.75% in order to control listed pests as a conventional dilute treatment or using concentrate sprayers. For best effectiveness, calibrate sprayers to ensure sufficient water is delivered for thorough coverage or outside coverage for citrus leafminer, Asian citrus psyllid or citrus thrips.

Combine this product with a horticultural spray oil (0.20% minimum), not a dormant oil, or a minimum of 1.0 gal of horticultural oil per acre (except where otherwise directed in the following table) in order to avoid illegal residues. Do not combine this product with sticker type/binder surfactants.

Crop Group 10 Dilute Spray Application

Application rates for this product per 100 gallons are based on a dilute application spray volume of 1000 gallons per acre

Willowood Abamectin 0 7SC Application Rate	Pests Controlled	Directions
0 25 – 0 4 fl oz per 100 gallons	Broad mite	For control of mites apply Willowood Abamectin 0 7SC in the fall spring or summer when mites first appear
	Citrus bud mite	For optimal control of citrus bud mites apply Willowood Abamectin 0 7SC at bud swell
	Twospotted spider mite	
0 125 – 0 4 fl oz per 100 gallons	Citrus rust mite	
	Citrus thrips	Apply Willowood Abamectin 0 7SC once economic thresholds have been reached i e following the start of egg hatch For optimal results treat early to mid hatch Treatment must be timed correctly as application will only control the current generation of citrus thrips
	Citrus leafminer	Apply Willowood Abamectin 0 7SC to control citrus leafminer to protect new growth in the fall spring or summer
	Asian citrus psyllid	Application with this product will only control nymphs and adults that are present at the time of treatment Apply Willowood Abamectin 0 7SC to control Asian citrus psyllid and to protect newly expanding foliage flush in the fall spring or summer

Crop Group 10 Concentrate Spray Application

Use the same amount per acre of Willowood Abamectin 0 7SC in a concentrate spray application that would be required for a full cover dilute spray

Willowood Abamectin 0 7SC Application Rate	Pests Controlled	Directions
2 25 4 25 fl oz per acre	Broad mite ¹	For control of mites apply Willowood Abamectin 0 7SC in the fall spring or summer when mites first appear
	Citrus bud mite ²	For optimal control of citrus bud mites apply Willowood Abamectin 0 7SC at bud swell
	Twospotted spider mite	
1 0 – 4 25 fl oz per acre	Citrus rust mite ¹	For control of mites apply Willowood Abamectin 0 7SC in the fall spring or summer when mites first appear
2 25 4 25 fl oz per acre	Citrus thrips ³	Apply Willowood Abamectin 0 7SC once economic thresholds have been reached i e following the start of egg hatch For optimal results treat early to mid hatch Treatment must be timed correctly as application will only control the current generation of citrus thrips

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.0 – 4.25 fl oz per acre	Citrus leafminer ¹	Apply Willowood Abamectin 0.7SC to control citrus leafminer and to protect new growth in the fall, spring or summer. When treating with this product by air, apply 10 gallons of application spray mixture per acre minimum. Restriction: do not apply by air in California. Where there are extreme conditions, e.g. high temperatures, high pest populations or where foliage is dense, apply this product in a greater volume of water to ensure adequate coverage.
2.25 – 4.25 fl oz per acre	Asian citrus psyllid ¹	Application with this product will only control nymphs and adults that are present at the time of treatment. Apply Willowood Abamectin 0.7SC to control Asian citrus psyllid and to protect newly expanding foliage flush in the fall, spring or summer.

¹ For optimal ground application effectiveness, apply 150–300 gallons per acre of spray mixture combined with 3 gallons per acre of horticultural oil (not dormant oil) at a ground speed of 1–1.5 mph.

² For optimal effectiveness, apply 500 gallons per acre minimum of spray mixture combined with 0.5% minimum of horticultural oil (not dormant oil).

³ For optimal effectiveness, apply 100–250 gallons per acre of spray mixture for outside coverage.

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 7 days of harvest.
- Combine this product with a horticultural spray oil (0.20% minimum) labeled for use in citrus. Do not use a dormant oil. Read and follow the label directions and restrictions for the horticultural spray oil and the directions on all products used in the spray solution.
- Do not combine this product with sticker type/binder surfactants.
- Treatment with Willowood Abamectin 0.7SC must be by ground application only (except citrus leafminer (see below)).
- Citrus leafminer may be treated via ground or air application. For aerial application, use a minimum volume of 10 gallons of application solution per acre. Where there are extreme conditions, e.g. high temperatures, high pest populations or where foliage is dense, apply this product in a greater volume of water to ensure adequate coverage.
- Do not apply this product by air in California.
- Do not apply Willowood Abamectin 0.7SC in citrus nurseries.
- Where required, a subsequent application must not be made for a minimum of 30 days after the previous application. This restriction applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 8.5 fl oz per acre of Willowood Abamectin 0.7SC (0.047 lb of active ingredient per acre) in a growing season. The maximum use rate of 0.047 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 3 applications of Willowood Abamectin 0.7SC per growing season. This maximum applies to any other product containing abamectin that is applied to foliage.
- Treated orchards must not be used for grazing.

CUCURBIT VEGETABLES CROP GROUP (CROP GROUP 9)

(Chayote, Chinese waxgourd, Citron Melon, Cucumber, Gherkin, Edible Gourd, (includes hyotan, cucuzza, hechima, Chinese okra), *Momordica* spp., (includes balsam apple, balsam pear, bittermelon, Chinese cucumber), Muskmelon (hybrids and/or cultivars of *Cucumis melo*) 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, Summer Squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), Winter Squash (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash), Watermelon (includes hybrids and/or varieties of *Citrullus lanatus*)

Willowood Abamectin 0.7SC can be applied using ground application equipment or via air application

For optimal control thorough coverage of the crop canopy is essential. Reduced control may result if coverage is insufficient.

Willowood Abamectin 0.7SC must be combined with a non ionic activator type spreading wetting and /or penetrating adjuvant in order to avoid illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker type/binder surfactants.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.75-2.5 fl. oz. per acre low to moderate infestations 3.5 fl. oz. per acre severe infestations	Leafminers	Treat with Willowood Abamectin 0.7SC when leafminer flies first appear. Application may be repeated to maintain control as required (refer to Restrictions below).
	Spider Mites	Treat with Willowood Abamectin 0.7SC when spider mites first appear. Application may be repeated to maintain control as required (refer to Restrictions below). For optimal effectiveness use ground application equipment. Air application results in reduced spray coverage and pest control when compared to ground application. The applicator accepts sole responsibility for the duration and effectiveness of treatment when this product is applied by air. Restriction: Do not apply this product via air in New York state.

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 7 days of harvest.
- Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading wetting and /or penetrating adjuvant labeled for application in cucurbits in order to prevent illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution.
- Do not combine this product with sticker-type/binder surfactants.
- Do not treat with Willowood Abamectin 0.7SC via aerial application in New York State.
- Ground application: Willowood Abamectin 0.7SC must be applied in a minimum of 20 gal. of water per acre.
- Aerial application: Willowood Abamectin 0.7SC must be applied in a minimum of 5 gal. of water per acre.
- Where there are extreme conditions e.g. high temperatures, high pest populations or where foliage is dense, apply this product in a greater volume of water to ensure adequate coverage.
- Do not exceed a maximum of 3.5 fl. oz. per acre of Willowood Abamectin 0.7SC (0.019 lb. of active ingredient per acre) in a single application. The maximum use rate of 0.019 lb. of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.

- Where subsequent application is necessary it must not be made for a minimum of 7 days after the previous application. This restriction applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 10.25 fl. oz. per acre of Willowood Abamectin 0.7SC (or 0.056 lb. of active ingredient per acre) in a growing season. This maximum applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 2 sequential applications of this product. This maximum applies to any other product containing abamectin that is applied to foliage.

DRY BEANS

(Including *Cicer arretinum* (chickpea, garbanzo bean), *Lupinus* spp (including sweet lupine, white sweet lupine, white lupine, and grain lupine), *Phaseolus* spp (including kidney bean, lima bean, mung bean, navy bean, pinto bean, snap bean, and waxbean), *Vicia faba* (broad bean, fava bean), *Vigna* spp (including adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea (see Restriction below), crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, and yardlong bean))

Restriction: for use on cowpeas that are grown for dry seed only. Treated cowpea forage must not be used for grazing and cowpea hay and forage must not be harvested for use as livestock feed.

For optimal control, thorough coverage of the crop canopy is essential. Reduced control may result if coverage is insufficient.

Willowood Abamectin 0.7SC may be applied via aerial application or via ground application equipment.

Apply this product with ground application equipment for best coverage. Aerial application may result in reduced control of listed pests when compared with ground application.

Restriction: Do not apply via aerial application in New York State.

Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading, wetting, and/or penetrating adjuvant in order to avoid illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker-type/binder surfactants.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.75 – 2.5 fl. oz. per acre low to moderate infestations	<i>Liriomyza</i> leafminers Spider Mites	Treat with Willowood Abamectin 0.7SC when listed pests first appear. Application may be repeated to maintain control as required (refer to Restrictions below).
3.5 fl. oz. per acre high infestations		

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 7 days of harvest.
- Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading, wetting, and/or penetrating adjuvant labeled for use in dry beans. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker-type/binder surfactants.
- Do not apply this product via air in New York State.
- Ground application equipment: This product must be applied in a minimum of 10 gallons of water per acre. Ensure there is sufficient application spray volume for thorough coverage.

- Air application This product must be applied in a minimum of 5 gallons of water per acre. Ensure there is sufficient application spray volume for thorough coverage.
- Where there are extreme conditions e.g. high temperatures, high pest populations or where foliage is dense, apply this product in a greater volume of water to ensure adequate coverage.
- Do not exceed a maximum of 3.5 fl. oz. per acre of Willowood Abamectin 0.7SC (0.019 lb. of active ingredient per acre) per application. The maximum use rate of 0.019 lb. of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 10.25 fl. oz. per acre of Willowood Abamectin 0.7SC (0.056 lb. of active ingredient per acre) per growing season. The maximum use rate of 0.056 lb. of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- If a repeat application is necessary, wait at least 6 days before repeating application.
- Do not make more than 2 sequential applications of this product or any other foliar applied abamectin containing product.

FRUITING VEGETABLES (EXCEPT CUCURBITS) CROP GROUP (CROP GROUP 8)

(Eggplant, Groundcherry, Pepino Peppers (includes bell pepper, chili pepper, cooking pepper, pimiento, sweet pepper), Tomatillo, and Tomato)

For optimal control, thorough coverage of the crop canopy is essential. Reduced control may result if coverage is insufficient.

Willowood Abamectin 0.7SC may be applied via aerial application or via ground application equipment.

Apply this product with ground application equipment for best coverage. Aerial application may result in reduced control of mites when compared with ground application. The applicator accepts sole responsibility for any reduction in duration and effectiveness of treatment when this product is applied by air.

Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading, wetting and/or penetrating adjuvant in order to avoid illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker type/binder surfactants.

Application may be repeated to maintain control as required (refer to Restrictions below).

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.75 – 3.5 fl. oz. per acre	Broad mite	Apply Willowood Abamectin 0.7SC when mites first appear.
	Spider mites	Apply 1.75 fl. oz. per acre for low to moderate infestations.
	Tomato russet mite	Apply 3.5 fl. oz. per acre for severe infestations.
	<i>Liriomyza</i> leafminers	Apply 1.75 fl. oz. per acre for low to moderate infestations. Apply 3.5 fl. oz. per acre for severe infestations.
	<i>Thrips palmi</i>	Apply Willowood Abamectin 0.7SC when thrips first appear. Apply 1.75 fl. oz. per acre for low to moderate infestations. Apply 3.5 fl. oz. per acre for severe infestations.
	Tomato psyllid	
	Colorado potato	Apply 1.75 fl. oz. per acre for low to moderate

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
	beetle	infestations Apply 3.5 fl oz per acre for severe infestations
3.5 fl oz per acre	Tomato pinworm	Apply this product during the period from when moth activity is first observed to when newly emerged larvae are present (but no later than this time)

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 7 days of harvest
- Willowood Abamectin 0.7SC must be combined with a non ionic activator type spreading wetting and /or penetrating adjuvant labeled for use in fruiting vegetables. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution
- Do not combine this product with sticker-type/binder surfactants
- Do not apply this product via air in New York State
- Willowood Abamectin 0.7SC must not be applied to fruiting vegetables that are grown for transplanting
- Ground application equipment. This product must be applied in a minimum of 20 gallons of water per acre. Ensure there is sufficient application spray volume for thorough coverage
- Air application. This product must be applied in a minimum of 5 gallons of water per acre. Ensure there is sufficient application spray volume for thorough coverage
- Where there are extreme conditions e.g. high temperatures, high pest populations or where foliage is dense, apply this product in a greater volume of water to ensure adequate coverage
- Do not exceed a maximum of 3.5 fl oz per acre of Willowood Abamectin 0.7SC (0.019 lb of active ingredient per acre) per application. The maximum use rate of 0.019 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage
- Do not exceed a maximum of 10.25 fl oz per acre of Willowood Abamectin 0.7SC (0.056 lb of active ingredient per acre) per growing season. The maximum use rate of 0.056 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage
- If a repeat application is necessary, wait at least 7 days before repeating application
- Do not make more than 2 sequential applications of this product or any other foliar applied abamectin containing product

GRAPES

Apply Willowood Abamectin 0.7SC with conventional ground spray equipment. Ensure spray equipment is calibrated so that sufficient water is delivered for thorough coverage.

Thorough coverage must be achieved in order to gain control of listed pests. For optimum coverage, apply this product to both sides of each row. Do not spray alternate rows.

Willowood Abamectin 0.7SC must be combined with a non ionic activator type spreading wetting and /or penetrating adjuvant in order to avoid illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker type/binder surfactants.

This product has been tested for use in grapes in combination with a non ionic surfactant. However, it is impossible to test all varieties of grape and in all conditions that may cause crop injury. Read and follow all directions and restrictions in this label and in the adjuvant label.

Repeat applications may be made as required (see Restrictions below).

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.75 – 2.5 fl oz per acre low to moderate infestations 3.5 fl oz per acre severe infestations	Pacific spider mite	Treat with Willowood Abamectin 0.7SC when mites are first observed but prior to mites exceeding 5 per leaf
	Twospotted spider mite	
	Willamette spider mite	
	Western grapeleaf skeletonizer	Apply this product when larvae first appear For best effectiveness treat soon after egg hatch
	Variegated leafhopper	Ensure spray coverage is thorough as this product provides contact knock down only

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 28 days of harvest
- Willowood Abamectin 0.7SC must be combined with a non ionic activator type spreading wetting and /or penetrating adjuvant labeled for use in grapes. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution
- Do not combine this product with sticker-type/binder surfactants
- Do not apply this product via air. Ground application only
- Ground application equipment. This product must be applied in a minimum of 50 gallons of water per acre unless application is with an electro static sprayer where a minimum of 5 gallons of water per acre must be used. Ensure there is sufficient application spray volume for thorough coverage
- Do not exceed a maximum of 3.5 fl oz per acre of Willowood Abamectin 0.7SC (0.019 lb of active ingredient per acre) per application. The maximum use rate of 0.019 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage
- Do not exceed a maximum of 7 fl oz per acre of Willowood Abamectin 0.7SC (0.038 lb of active ingredient per acre) per growing season. The maximum use rate of 0.038 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage
- If a repeat application is necessary allow a minimum of 21 days between applications of this product. This restriction applies to any other product containing abamectin that is applied to foliage
- Do not exceed a maximum of 2 applications of Willowood Abamectin 0.7SC or any other foliar applied abamectin containing product per growing season
- Treated vineyards must not be used for grazing

HERB CROP SUBGROUP (CROP SUBGROUP 19A)

(Angelica, Balm, Basil, Borage, Burnet, Camomile, Catnip, Chervil (dried), Chives, Chives (Chinese), Clary, Coriander (leaf), Cilantro (leaf), Costmary, Culantro (leaf), Curry (leaf), Dill weed, Horehound, Hyssop, Lavender, Lemongrass, Lovage (leaf), Marigold, Marjoram (*Origanum*

species), Nasturtium, Parsley (dried), Pennyroyal, Rosemary, Rue, Sage, Summer and Winter savory, Sweet bay, Tansy, Tarragon, Thyme, Wintergreen, Woodruff, and Wormwood)

Apply Willowood Abamectin 0.7SC with ground application equipment. Treat as a foliar spray and ensure thorough coverage of both upper and lower leaves.

Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading, wetting and /or penetrating adjuvant in order to avoid illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker type/binder surfactants.

This product has been tested for use in herbs in combination with a non-ionic activator type spreading, wetting and /or penetrating adjuvants. However, it is impossible to test all varieties of herb and in all conditions that may cause crop injury. Read and follow all directions and restrictions in this label and in the non-ionic surfactant label.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.75 fl oz per acre low to moderate infestations	<i>Liriomyza</i> leafminers Spider Mites	Apply Willowood Abamectin 0.7SC when listed pests first appear. Repeat treatment may be carried out as required to maintain control (See Restrictions below).
3.5 fl oz per acre for severe infestations		

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 14 days of harvest except for chives.
- Willowood Abamectin 0.7SC must not be applied within 7 days of harvest of chives.
- Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading, wetting and /or penetrating adjuvant labeled for use in herbs. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution.
- Do not combine this product with sticker type/binder surfactants.
- Do not apply this product via air. Ground application only.
- Ground application equipment. This product must be applied in a minimum of 20 gallons of water per acre.
- Do not exceed a maximum of 3.5 fl oz per acre of Willowood Abamectin 0.7SC (0.019 lb of active ingredient per acre) per application. The maximum use rate of 0.019 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 10.25 fl oz per acre of Willowood Abamectin 0.7SC (0.056 lb of active ingredient per acre) per year. The maximum use rate of 0.056 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- If a repeat application is necessary, allow a minimum of 7 days between applications. This restriction applies to any other product containing abamectin that is applied to foliage.
- Do not make more than 2 applications of this product or any other foliar applied abamectin containing product per single cutting (harvest).

HOPS (Not for use in California)

Apply Willowood Abamectin 0.7SC with ground application equipment. Treat as a foliar spray and ensure thorough coverage of both upper and lower leaves.

Spray volume will depend on the number and size of plants in the treatment area and foliage density. For optimal control, thorough coverage is essential.

When applying this product as a concentrate spray, the volume of water in the application solution is reduced, but use the same amount of Willowood Abamectin 0.7SC per acre as a dilute spray application.

Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading, wetting and/or penetrating adjuvant. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker type/binder surfactants.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.75 – 3.5 fl. oz. per acre	Twospotted spider mite	Apply Willowood Abamectin 0.7SC when the treatment threshold is reached. Apply this product to hops at a height of 6.8 feet (1/2 trellis growth) at a rate of 1.75 – 3.5 fl. oz. in 40 gallons of water minimum per acre. When applying this product to hops exceeding 1/2 trellis growth, use no less than 3.5 fl. oz. in 100 gallons of water per acre.

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 28 days of harvest.
- Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading, wetting and/or penetrating adjuvant labeled for use in hops. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution.
- Do not combine this product with sticker type/binder surfactants.
- Do not apply this product via air. Ground application only.
- Do not exceed a maximum of 3.5 fl. oz. per acre of Willowood Abamectin 0.7SC (0.019 lb. of active ingredient per acre) per application. The maximum use rate of 0.019 lb. of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- If a repeat application is necessary to maintain control, allow a minimum of 21 days between applications of this product or any other foliar-applied abamectin containing product only after an alternative miticide with a different mode of action has been used.
- Do not exceed a maximum of 7.0 fl. oz. per acre of Willowood Abamectin 0.7SC (0.038 lb. of active ingredient per acre) per year. The maximum use rate of 0.038 lb. of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 2 applications of this product or any other foliar applied abamectin containing product per growing season.
- Treated hops yards must not be used for grazing.

LEAFY VEGETABLES (EXCEPT *BRASSICA* VEGETABLES) CROP GROUP (CROP GROUP 4)

(Amaranth (leafy Amaranth, Chinese spinach, tampala), Arugula (Rocket), Cardoon, Celery, Celtuce, Chervil, Chinese celery, Chrysanthemum, edible leaved and garland, Corn salad, Cress, garden and upland (yellow rocket and winter cress), Dandelion, Dock (Sorrel), Endive (escarole), Florence fennel, Lettuce, head and leaf, New Zealand Spinach, Orach, Parsley, Purslane, garden and winter Radicchio (red chicory), Rhubarb, Spinach, Vine spinach, and Swiss chard)

For best effectiveness, ensure the crop canopy is thoroughly covered with the treatment solution. Reduced control may result if coverage is insufficient.

Willowood Abamectin 0.7SC may be applied via aerial application or via ground application equipment.

Apply this product with ground application equipment for optimal pest control. Aerial application may result in reduced control of mites when compared with ground application. The applicator accepts sole responsibility for the duration and effectiveness of treatment when this product is applied by air.

Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading, wetting and /or penetrating adjuvant in order to prevent illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker type/binder surfactants.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.75 – 2.5 fl oz per acre low to moderate infestations	Carmine spider mite Twospotted spider mite	Apply Willowood Abamectin 0.7SC when mites are first observed. Repeat treatment may be carried out as required to maintain control (See Restrictions below).
3.5 fl oz per acre severe infestations	<i>Liriomyza</i> leafminers	Apply Willowood Abamectin 0.7SC when adult flies are first observed. Repeat treatment may be carried out as required to maintain control (See Restrictions below).

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 7 days of harvest.
- Do not apply this product via air in New York State.
- Willowood Abamectin 0.7SC must be combined with a non-ionic activator type spreading, wetting and /or penetrating adjuvant labeled for use in leafy vegetables. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution.
- Do not combine this product with sticker-type/binder surfactants.
- Willowood Abamectin 0.7SC must not be applied to leafy vegetables that are grown for transplanting.
- Ground application equipment: This product must be applied in a minimum of 20 gallons of water per acre. Ensure there is sufficient application spray volume for thorough coverage.
- Air application: This product must be applied in a minimum of 5 gallons of water per acre. Ensure there is sufficient application spray volume for thorough coverage.
- Where there are extreme conditions, e.g. high temperatures, high pest populations or where foliage is dense, apply this product in a greater volume of water to ensure adequate coverage.
- Do not exceed a maximum of 3.5 fl oz per acre of Willowood Abamectin 0.7SC (0.019 lb of active ingredient per acre) per application. The maximum use rate of 0.019 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 10.25 fl oz per acre of Willowood Abamectin 0.7SC (0.056 lb of active ingredient per acre) per growing season. The maximum use rate of 0.056 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- If a repeat application is necessary to maintain control, wait at least 7 days before repeating application of this product or any other foliar applied abamectin containing product.
- Do not exceed a maximum of 2 sequential applications of this product or any other foliar applied abamectin containing product.

MINT (peppermint and spearmint)

Treat with Willowood Abamectin 0.7SC as a ground or air application.

Restriction: Do not apply by air in New York State.

For optimal control, thorough coverage of the crop canopy is essential. Reduced control may result if coverage is insufficient.

Apply this product with ground application equipment for optimal pest control. Aerial application may result in reduced control of mites when compared with ground application. The applicator accepts sole responsibility for the duration and effectiveness of treatment when this product is applied by air.

Willowood Abamectin 0.7SC must be combined with a non ionic activator type spreading, wetting and /or penetrating adjuvant in order to avoid illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker type/binder surfactants.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.75 – 2.5 fl. oz. per acre	Twospotted spider mite	Apply Willowood Abamectin 0.7SC when mites are first observed.

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 28 days of harvest.
- Willowood Abamectin 0.7SC must be combined with a non ionic activator type spreading, wetting and /or penetrating adjuvant labeled for use in mint. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution.
- Do not combine this product with sticker-type/binder surfactants.
- Do not apply by air in New York State.
- Ground application equipment. This product must be applied in a minimum of 20 gallons of water per acre.
- Air application. This product must be applied in a minimum of 5 gallons of water per acre. Ensure there is sufficient application spray volume for thorough coverage.
- Where there are extreme conditions, e.g. high temperatures, high pest populations or where foliage is dense, apply this product in a greater volume of water to ensure adequate coverage.
- Do not exceed a maximum of 2.5 fl. oz. per acre of Willowood Abamectin 0.7SC (0.014 lb. of active ingredient per acre) per application. The maximum use rate of 0.014 lb. of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 7.75 fl. oz. per acre of Willowood Abamectin 0.7SC (0.042 lb. of active ingredient per acre) per season. The maximum use rate of 0.042 lb. of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- Wait at least 7 days before repeating application of this product or any other foliar applied abamectin containing product.
- Do not exceed a maximum of 2 sequential applications of this product or any other foliar applied abamectin containing product and do not apply more than 3 applications of this product or any other foliar-applied abamectin containing product per season.
- Treated foliage must not be used for grazing or feed.

ONIONS, BULB (CROP SUBGROUP 3-07A)

(Onion, bulb including daylily, bulb, fritillaria, bulb, garlic, bulb, garlic, great headed, bulb, garlic, serpent, bulb, lily, bulb, onion, Chinese, bulb, onion, pearl, onion, potato, bulb, shallot, bulb, cultivars, varieties, and/or hybrids of these)

For optimal control, thorough coverage of the crop canopy is essential. Reduced control may result if coverage is insufficient.

Willowood Abamectin 0.7SC may be applied via aerial application or via ground application equipment.

Apply this product with ground application equipment for optimal pest control. Aerial application may result in reduced control of listed pests when compared with ground application.

Combine this product with a non ionic activator type wetting, penetrating and/or spreading adjuvant that is labeled for use in bulb onions in order to avoid illegal residues. Do not mix this product with binder/sticker type adjuvants or products containing binder/sticker type adjuvants.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.75 – 2.5 fl oz per acre low to moderate infestations	<i>Liriomyza</i> leafminers	Apply Willowood Abamectin 0.7SC when adult flies are first observed. Repeat treatment may be carried out as required to maintain control (See Restrictions below).
3.5 fl oz per acre high infestations	Thrips	Apply Willowood Abamectin 0.7SC when thrips reach the economic threshold as part of a thrips management program. Repeat treatment may be carried out as required to maintain control (See Restrictions below). Restriction: Do not apply Willowood Abamectin 0.7SC as a rescue treatment for control of thrips.

Restrictions

- Do not apply Willowood Abamectin 0.7SC as a rescue treatment for control of thrips.
- Willowood Abamectin 0.7SC must not be applied within 30 days of harvest.
- Willowood Abamectin 0.7SC must be combined with a non ionic activator type spreading, wetting and/or penetrating adjuvant labeled for use in bulb onions. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution.
- Do not combine this product with sticker type/binder surfactants.
- Do not apply by air in New York State.
- Ground application equipment: This product must be applied in a minimum of 20 gallons of water per acre.
- Air application: This product must be applied in a minimum of 5 gallons of water per acre. Ensure there is sufficient application spray volume for thorough coverage.
- Where there are extreme conditions (e.g. high temperatures, high pest populations or where foliage is dense) apply this product in a greater volume of water to ensure adequate coverage.
- Do not exceed a maximum of 3.5 fl oz per acre of Willowood Abamectin 0.7SC (0.019 lb of active ingredient per acre) per application. The maximum use rate of 0.019 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 10.25 fl oz per acre of Willowood Abamectin 0.7SC (0.056 lb of active ingredient per acre) per growing season. The maximum use rate of 0.056 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- If a repeat application is necessary to maintain control, wait at least 7 days before repeating application.
- If necessary, make 2 consecutive applications of this product, then rotate to a chemistry with a different mode of action. Make at least 2 applications of a chemistry with a different mode of action before making additional applications of this product. Do not make more than 2 sequential applications of this product or any other foliar-applied abamectin containing product.

PEARS (INCLUDING ORIENTAL PEAR TREES)

Apply Willowood Abamectin 0.7SC with ground concentrate or conventional dilute.

Calibrate spray application equipment to deliver sufficient solution for thorough coverage of the target area. Spray volume will depend on the number and size of trees in the treatment area and foliage density. For optimal control, thorough coverage is essential.

Willowood Abamectin 0.7SC must be combined with a horticultural spray oil as directed in order to avoid illegal residues (not a dormant oil). Do not use sticker type/binder adjuvants. Read and follow the label directions and restrictions for the horticultural spray oil and the directions on all products used in the spray solution.

Restriction

- Willowood Abamectin 0.7SC with a horticultural spray must not be applied within 14 days of an application of Captan®/any product containing sulfur or phytotoxicity and crop loss may occur.

Pears Dilute Spray Application

Application rates per 100 gallons are based on an application spray volume of 400 gallons per acre. Where horticultural spray (not a dormant oil) is used, apply at a rate of 1 gallon per acre or 0.25% of application solution.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
0.5 – 1.0 fl. oz. per 100 gallons of spray solution	European red mite McDaniel spider mite Pear psylla Pear rust mite Twospotted spider mite Yellow mite	Treat the target area with Willowood Abamectin 0.7SC when insect/spider mite thresholds are reached. Make a second treatment if required in order to maintain control of target pests. Refer to Restrictions (below).

Pears Concentrate Spray Application

In order to calculate the use rate for concentrate spray application:

- Calculate the amount needed for a full cover dilute application.
- Use the same amount of Willowood Abamectin 0.7SC in a concentrate spray application that would be required for a dilute spray to the same grove/orchard. Note: this may result in a use rate of <2.25 fl. oz. per acre on small trees.

Where horticultural spray (not a dormant oil) is used, apply at a rate of a 1 gallon per acre minimum.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
2.25 – 4.25 fl. oz. per 100 gallons of spray solution	European red mite McDaniel spider mite Tentiform leafminer Twospotted spider mite White apple leafhopper	Treat the target area with Willowood Abamectin 0.7SC when insect/spider mite thresholds are reached. Make a second treatment if required in order to maintain control of target pests. Refer to Restrictions (below).

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 28 days of harvest.
- Combine Willowood Abamectin 0.7SC with a horticultural spray oil labeled for use in pears but not a dormant oil. Read and follow the label directions and restrictions for the horticultural spray oil and the directions on all products used in the spray solution.
- Do not use sticker type/binder adjuvants.
- Willowood Abamectin 0.7SC with a horticultural spray must not be applied within 14 days of an application of Captan®/any product containing sulfur or phytotoxicity and crop loss may occur.
- Treatment with Willowood Abamectin 0.7SC must be by ground application only.
- Do not treat with Willowood Abamectin 0.7SC via aerial application.

- Willowood Abamectin 0.7SC must be applied in a minimum of 40 gal of water/A
- Do not exceed a maximum of 4.25 fl oz per acre of Willowood Abamectin 0.7SC (0.023 lb of active ingredient per acre) in a single application. The maximum use rate of 0.023 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- If a second application is necessary, wait at least 21 days before repeating application of this product or any other foliar applied abamectin containing product.
- Do not make more than 2 applications of this product or any other foliar-applied abamectin containing product per growing season.
- Do not exceed a maximum of 8.5 fl oz per acre of Willowood Abamectin 0.7SC (or 0.047 lb of active ingredient per acre) per growing season. This maximum applies to any other product containing abamectin that is applied to foliage.
- Treated orchards must not be used for grazing.

STONE FRUIT CROP GROUP (CROP GROUP 12)

(Apricot, cherry (sweet and tart), nectarine, peach, plum, plum (chickasaw, damson, and Japanese), plumcot, and prune (fresh))

Apply Willowood Abamectin 0.7SC with ground concentrate or conventional dilute.

Calibrate spray application equipment to deliver sufficient solution for thorough coverage of the target area. Spray volume will depend on the number and size of trees in the treatment area and foliage density. For optimal control, thorough coverage is essential.

Willowood Abamectin 0.7SC must be combined with a horticultural spray oil (not a dormant oil) or a non-ionic activator type spreading, wetting and/or penetrating adjuvant in order to avoid illegal residues. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution. Do not combine this product with sticker-type/binder surfactants.

Combining this product with a horticultural oil (not a dormant oil) may improve performance, however, it may also raise the possibility of a phytotoxic reaction in fruit and/or foliage.

Stone Fruit Dilute Spray Application

Application rates per 100 gallons are based on an application spray volume of 400 gallons per acre. Where horticultural spray is used, apply at a minimum rate of 0.25% and a minimum of 1 gallon per acre in the application solution.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
0.5 – 1.0 fl oz per 100 gallons of spray solution	European red mite Pacific spider mite Twospotted spider mite	Treat the target area with Willowood Abamectin 0.7SC when mites are first observed. Make a second treatment if required in order to maintain control of target pests. Refer to Restrictions (below).

Stone Fruit Concentrate Spray Application

In order to calculate the use rate for concentrate spray application:

1. Calculate the amount needed for a full cover dilute application.
2. Use the same amount of Willowood Abamectin 0.7SC in a concentrate spray application that would be required for a dilute spray to the same grove/orchard. Note: this may result in a use rate of <2.25 fl oz per acre on small trees.

Willowood Abamectin 0 7SC Application Rate	Pests Controlled	Directions
2 25 – 4 25 fl oz per acre	European red mite Pacific spider mite Twospotted spider mite	Treat the target area with Willowood Abamectin 0 7SC when mites are first observed. Make a second treatment if required in order to maintain control of target pests. Refer to Restrictions (below)

Restrictions

- Willowood Abamectin 0 7SC must not be applied within 21 days of harvest
- Treatment with Willowood Abamectin 0 7SC must be by ground application only
- Do not treat with Willowood Abamectin 0 7SC via aerial application
- Willowood Abamectin 0 7SC must be combined with a horticultural spray oil (not a dormant oil) or a non-ionic activator type spreading wetting and /or penetrating adjuvant labeled for use in the stone fruit crop group. Read and follow the label directions and restrictions for the selected adjuvant(s) and the directions on all products used in the spray solution
- Do not combine this product with sticker type/binder surfactants
- Willowood Abamectin 0 7SC must be applied in a minimum of 40 gal of water/A
- Do not exceed a maximum of 4 25 fl oz per acre of Willowood Abamectin 0 7SC (0 023 lb of active ingredient per acre) in a single application. The maximum use rate of 0 023 lb of active ingredient per acre applies to any other product containing abamectin that is applied to foliage
- Where required a second application must not be made for a minimum of 21 days after the first application. This restriction applies to any other product containing abamectin that is applied to foliage
- Do not exceed a maximum of 2 applications of Willowood Abamectin 0 7SC or any other foliar applied abamectin containing product per growing season
- Do not exceed a maximum of 8 5 fl oz per acre of Willowood Abamectin 0 7SC (or 0 047 lb of active ingredient per acre) per growing season. This maximum applies to any other product containing abamectin that is applied to foliage
- Treated orchards must not be used for grazing

TREE NUTS CROP GROUP (CROP GROUP 14) AND PISTACHIO

(Almond, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert (hazelnut), hickory nut, macadamia nut, pecan, and walnuts (black and English))

Apply Willowood Abamectin 0 7SC with ground concentrate or conventional dilute

Calibrate spray application equipment to deliver sufficient solution for thorough coverage of the target area. Spray volume will depend on the number and size of trees in the treatment area and foliage density. For optimal control thorough coverage is essential.

Willowood Abamectin 0 7SC must be combined with a horticultural spray oil as directed in order to avoid illegal residues (not a dormant oil). Read and follow the label directions and restrictions for the horticultural spray oil and the directions on all products used in the spray solution. Do not combine this product with sticker type/binder surfactants.

Tree Nuts Dilute Spray Application

Application rates per 100 gallons are based on an application spray volume of 400 gallons per acre

Where horticultural spray is used, apply at a rate of 0 25% of application solution in the dilute spray mix or 1 gallon per acre.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
0.5 - 1.0 fl. oz. per 100 gallons of spray solution	European red mite Pacific spider mite Strawberry spider mite Twospotted spider mite	Apply Willowood Abamectin 0.7SC when mites are first observed. Residual mite control is more effective with spray deposits on new leaves when compared to old leaves. A second treatment may be made as required in order to maintain control. See Restrictions below.

Tree Nuts Concentrate Spray Application

In order to calculate the use rate for concentrate spray application

1. Calculate the amount needed for a full cover dilute application
2. Use the same amount of Willowood Abamectin 0.7SC in a concentrate spray application that would be required for a dilute spray to the same grove/orchard. Note: this may result in a use rate of <2.25 fl. oz. per acre on small trees.

Where horticultural spray is used, apply at a rate of a 1 gallon per acre minimum.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
2.25 - 4.25 fl. oz. per acre	European red mite Pacific spider mite Strawberry spider mite Twospotted spider mite	Apply Willowood Abamectin 0.7SC when mites are first observed. Residual mite control is more effective with spray deposits on new leaves when compared to old leaves. A second treatment may be made as required in order to maintain control. See Restrictions below.

Restrictions

- Willowood Abamectin 0.7SC must not be applied within 21 days of harvest.
- Combine Willowood Abamectin 0.7SC with a horticultural spray oil labeled for use in tree nuts and pistachio as directed, but not a dormant oil. Read and follow the label directions and restrictions for the horticultural spray oil and the directions on all products used in the spray solution.
- Do not combine this product with sticker type/binder surfactants.
- Treatment with Willowood Abamectin 0.7SC must be by ground application only.
- Do not treat with Willowood Abamectin 0.7SC via aerial application.
- This product must be applied in a minimum of 40 gallons of water per acre.
- Do not exceed a maximum of 4.25 fl. oz. per acre of Willowood Abamectin 0.7SC (0.023 lb. of active ingredient per acre) in a single application. The maximum use rate of 0.023 lb. of active ingredient per acre applies to any other product containing abamectin that is applied to foliage.
- If necessary to maintain control, a second application must not be made for a minimum of 21 days after the first application. This restriction applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 8.5 fl. oz. per acre of Willowood Abamectin 0.7SC (or 0.047 lb. of active ingredient per acre) per growing season. This maximum applies to any other product containing abamectin that is applied to foliage.
- Do not exceed a maximum of 2 applications of Willowood Abamectin 0.7SC or any other foliar-applied abamectin-containing product per growing season.
- Treated groves/orchards must not be used for grazing.

TUBEROUS AND CORM VEGETABLES CROP SUBGROUP

(CROP SUBGROUP 1C)

(Arracacha, arrowroot, artichoke, Chinese, artichoke, Jerusalem, canna, edible, cassava (bitter and sweet), chayote (root), chufa, dasheen, ginger, leren, potato, sweet potato, tanier, turmeric, yam bean, and yam (true))

For best effectiveness calibrate sprayers to ensure sufficient water is delivered and the crop canopy is thoroughly covered with the treatment solution. Reduced control may result if coverage is insufficient.

Apply Willowood Abamectin 0.7SC as a ground application or via aerial.

For optimal effectiveness apply Willowood Abamectin 0.7SC as a ground application. Aerial application is less effective than ground application in controlling mites. If Willowood Abamectin 0.7SC is applied by air, the applicator is solely responsible for any reduced control of mites or any reduction in the duration of control of mites.

Willowood Abamectin 0.7SC must be combined with a non ionic activator type wetting, penetrating and/or spreading adjuvant that is labeled for use in bulb onions in order to avoid illegal residues. Do not mix this product with binder/sticker type adjuvants or products containing binder/sticker type adjuvants.

Willowood Abamectin 0.7SC Application Rate	Pests Controlled	Directions
1.75 – 2.5 fl. oz. per acre low to moderate infestations 3.5 fl. oz. per acre severe infestations	Colorado potato beetle	Apply Willowood Abamectin 0.7SC when larvae are present after 50% of eggs have hatched. If a further application is required, limit treatment to a single generation of Colorado Potato Beetles per crop. Restriction: do not exceed a maximum of 2 applications of Willowood Abamectin 1.5EC per crop (See Restrictions below).
	<i>Liriomyza</i> leafminers	Apply Willowood Abamectin 0.7SC when adult flies first appear. Repeat treatment may be carried out as required to maintain control (See Restrictions below).
	Spider Mites	Apply Willowood Abamectin 0.7SC when mites are first observed. Repeat application as required to maintain control (see Restrictions below).
	Potato psyllid	

Use Restrictions – Tuberous and Corm Vegetables Crop Subgroup

- Willowood Abamectin 0.7SC must not be applied within 14 days of harvest.
- Combine this product with a non ionic activator type wetting, penetrating and/or spreading adjuvant that is labeled for use in crops in the tuberous and corm vegetables crop subgroup.
- Do not mix this product with binder/sticker type adjuvants or products containing binder/sticker type adjuvants.
- Do not apply via aerial application in New York State.
- Ground application equipment: This product must be applied in a minimum of 20 gallons of water per acre.
- Air application: This product must be applied in a minimum of 5 gallons of water per acre.
- Where there are extreme conditions (e.g. high temperatures, high pest populations or where foliage is dense), apply this product in a greater volume of water to ensure adequate coverage.
- Do not exceed a maximum of 3.5 fl. oz. per acre of Willowood Abamectin 0.7SC (0.019 lb of active ingredient per acre) in a single application.

- Where required to maintain control a second application must not be made for a minimum of 7 days after the first application. This restriction applies to any other product containing abamectin that is applied to foliage.
- Do not make more than 2 sequential applications of this product or any other foliar applied abamectin-containing product.
- Spider mite and Colorado potato beetle do not exceed a maximum of 7 fl oz of Willowood Abamectin 0.7SC (0.038 lb of active ingredient per acre) per crop. This maximum applies to any other product containing abamectin that is applied to foliage.
- Leafminer do not exceed a maximum of 10.25 fl oz of Willowood Abamectin 0.7SC (0.056 lb of active ingredient per acre) per crop. This maximum applies to any other product containing abamectin that is applied to foliage.
- Treated foliage must not be used for grazing or feed.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in a tightly closed container in a cool, dry place.

PESTICIDE DISPOSAL

Pesticide waste may be hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control agency, or the Hazardous Waste representative at the nearest EPA regional Office for guidance.

CONTAINER HANDLING

Nonrefillable Container (five gallons or less) Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (greater than five gallons) Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials, or other influencing factors in the use of the product, which are beyond the control of Willowood, LLC, or

Seller To the extent consistent with applicable law all such risks shall be assumed by Buyer and User and Buyer and User agree to hold Willowood LLC and Seller harmless for any claims relating to such factors

Willowood LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use subject to the inherent risks referred to above when used in accordance with directions under normal use conditions This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Willowood LLC and Buyer and User assume the risk of any such use **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW WILLOWOOD LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE**

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[EPA approval date]