



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

July 29, 2020

Michael Kellogg  
Senior Regulatory Consultant  
Tide International, USA, Inc.  
c/o Pyxis Regulatory Consulting Inc.  
4110 136<sup>th</sup> St. Ct. NW  
Gig Harbor, WA 98332

Subject: Label and CSF Amendment – Incorporate registration review (Interim Decision) label mitigation, addition of “me-too” new uses, and other minor label revisions, revisions to Basic CSF and alternate CSFs #1-3, and addition of alternate CSFs #4 and #5.  
Product Name: Timectin 0.15 EC Ag Insecticide/Miticide  
EPA Registration Number: 84229-2  
Application Date: September 30, 2019, June 11, 2020  
Decision Number: 555719, 564224, 564225

Dear Mr. Kellogg:

The amended label and CSFs referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

Note that the Agency is concurrently accepting labeling changes to support the Registration Review of the above referenced product in connection with the Abamectin Interim Decision, and has concluded that your submission is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Please note that the record for this product currently contains the following CSF(s):

- Basic CSF dated 06/11/2020
- Alternate CSF 1 dated 06/11/2020
- Alternate CSF 2 dated 06/11/2020

- Alternate CSF 3 dated 06/11/2020
- Alternate CSF 4 dated 06/11/2020
- Alternate CSF 5 dated 06/11/2020

Should you wish to add/retain a reference to the company's website on your label, then 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) list 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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Kevin Ulrich by phone at 703-347-0464, or via email at [ulrich.kevin@epa.gov](mailto:ulrich.kevin@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Gene Benbow".

Gene Benbow, Product Manager 7  
Invertebrate & Vertebrate Branch 3  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure: Stamped label

[Note to reviewer: [Text] in brackets indicates optional text.]

## 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 applicators certification.

**ACCEPTED**

07/29/2020

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under

EPA Reg. No. 84229-2

ABAMECTIN

GROUP

6

INSECTICIDE

# Timectin™ 0.15 EC Ag

## Insecticide/Miticide

[Alternate Brand Names: AgMectin 0.15EC Insecticide/Miticide, Tide Timectin™ 0.15 EC Ag Insecticide/Miticide]

### ACTIVE INGREDIENT:

Abamectin: ..... 1.9 %

**OTHER INGREDIENTS:** ..... 98.1 %

**TOTAL:** ..... 100.0 %

Timectin 0.15 EC Ag Insecticide/Miticide contains 0.15 lb. active ingredient per gallon.

### 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	
<b>If in eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Chemtrec at 1-800-424-9300 for emergency medical treatment information.	

#### 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 adsorbents (e.g., activated charcoal).

If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parental 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.

[See] [inside] [label] [booklet] [for] [First Aid][,] [additional] [Precautionary Statements][,] [and] [Directions for Use] [including] [Storage and Disposal] [instructions][.]

**EPA Reg. No. 84229-2**  
**EPA Est. No.**

**Manufactured for:**  
Tide International USA, Inc.  
21 Hubble  
Irvine, CA 92618

**Net Contents:**

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if absorbed through skin or if swallowed. Avoid contact with skin.

#### Personal Protective Equipment

##### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves made out of barrier laminate, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, viton  $\geq$  14 mils
- Protective eyewear

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.

#### User Safety Recommendations

Users should:

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

#### ENVIRONMENTAL HAZARDS

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 or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

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.

### **PHYSICAL OR CHEMICAL HAZARDS**

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

### **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.

### **IMPORTANT – READ BEFORE USE**

Read the entire Directions for Use, Limited Warranty and Disclaimer before using this product.

If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following warranty disclaimer, inherent risks of use and limitation of remedies.

### **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-sleeved shirt and short pants
- Chemical-resistant gloves made out of barrier laminate, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, viton  $\geq$  14 mils
- Chemical-resistant shoes and socks
- Protective eyewear

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

Timectin 0.15 EC Ag Insecticide/Miticide is an insecticide that will control certain insect pests. The product must be mixed with water and applied to labeled crops according to the specific crop use directions for effective control of these insects. For good mite and insect control, Timectin 0.15 EC Ag Insecticide/Miticide needs to be applied so that the foliage is thoroughly covered by the spray solution.

**Phytotoxicity:** Timectin 0.15 EC Ag Insecticide/Miticide has been tested for phytotoxicity and has been proven to be safe on a variety of crops. Timectin 0.15 EC Ag Insecticide/Miticide is also compatible with many commonly used pesticides, crop oils, and nutritional sprays. However, it is impossible to test all crop varieties and combination of spray mixtures under all possible growing conditions. Prior to mixing, users should test the compatibility of Timectin 0.15 EC Ag Insecticide/Miticide with any combination product using physical compatibility jar tests. Before applying Timectin 0.15 EC Ag Insecticide/Miticide and combination products to large areas of the crop, test small areas for phytotoxicity.

**New York State Restriction:** Do not apply Timectin 0.15 EC Ag Insecticide/Miticide by aerial application in New York State.

**Chemigation:** Do not apply this product through any type of irrigation system.

**RUNOFF PREVENTION**

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

**SPRAY DRIFT**

**Aerial Applications:**

- Do not release spray at a height greater than 10 ft above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 15 mph at the application site. If the wind speed is greater than 10 mph, the boom length must not exceed 65% of the wingspan for fixed wing aircraft or 75% of the rotor diameter for helicopters. Otherwise, the boom length must not exceed 75% of the wingspan for fixed wing aircraft or 90% of the rotor diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Do not apply during temperature inversions.

**Airblast applications:**

- Sprays must be directed into the canopy.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- User must turn off outward pointing nozzles at the row end and when spraying the outer row.
- Do not apply during temperature inversions.

**Ground Boom Applications:**

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

**Boomless Ground Applications:**

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

**SPRAY DRIFT ADVISORIES**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.  
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

**IMPORTANCE OF DROPLET SIZE**

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

**Controlling Droplet Size – Ground Boom**

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

**Controlling Droplet Size – Aircraft**

- Adjust Nozzles - Follow nozzle manufacturers' recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

**BOOM HEIGHT – Ground Boom**

For ground equipment, the boom should remain level with the crop and have minimal bounce.

**RELEASE HEIGHT - Aircraft**

Higher release heights increase the potential for spray drift.

**SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

**TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

**TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. 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. Avoid applications during temperature inversions.

**WIND**

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.



**Boom-less Ground Applications:**

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

**Handheld Technology Applications:**

- Take precautions to minimize spray drift.

**RESISTANCE-MANAGEMENT RECOMMENDATIONS**

For resistance management, Timectin 0.15 EC Ag Insecticide/Miticide contains a Group 6 insecticide/acaricide. Any insect/mite population may contain individuals naturally resistant to Timectin 0.15 EC Ag Insecticide/Miticide and other Group 6 insecticides/acaricides. The resistant individuals may dominate the insect/mite population if this group of insecticides/acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of Timectin 0.15 EC Ag Insecticide/Miticide or other Group 6 insecticides/acaricides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides/acaricides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Tide International, USA, Inc.



## CROP USE DIRECTIONS

### AVOCADOS

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in avocados:

*Avocado thrips (Scirtothrips perseae)*

*Persea Mite (Oligonychus perseae)*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>10 – 20 fl. oz. (0.012-0.023 lb ai)/A (Do NOT use less than 10 fl. oz. of Timectin 0.15 EC Ag Insecticide/Miticide/A)</p> <p><b>And add (for best results):</b></p> <p>a Horticultural Spray Oil that is not a dormant oil such as VINTRE.</p> <p><b>Horticultural Spray Oil:</b> Minimum of 1 to 4% v/v (Follow all directions on the spray oil label. Test small areas with oil concentrations greater than 2.0% before making applications to large areas.)</p> <p><b>VINTRE</b> Use 16-32 fl. oz. per acre at rates no greater than 0.3% v/v.</p>	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using conventional dilute or concentrate sprays using ground or air application equipment. Although aerial application is permitted, best control of thrips is achieved with ground applications which provide better spray coverage. The user accepts all liability for thrip level and duration of control if Timectin 0.15 EC Ag Insecticide/Miticide is applied by air.</p> <p>Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. The size and number of trees per acre as well as foliage density will determine the gallons of spray required. Apply only in 100 gals. or more of water/A by ground and 50 gals. of water by air application. [For ground applications where the spray volume is greater than 400 gals./A, use 2.5 fl. oz. (0.003 lb ai) Timectin 0.15 EC Ag Insecticide/Miticide per 100 gals. of water in combination with VINTRE or 1.0-4.0% of an NR (narrow range) 415 oil.] Control of these pests requires a thorough coverage of the spray solution on the tree foliage.</p> <p>Time Timectin 0.15 EC Ag Insecticide/Miticide applications to occur when immature thrips first appear but before 5 or more immature thrips per leaf/fruit are detected. Repeat applications following the directions in the Restrictions column of this table.</p> <p>Apply Timectin 0.15 EC Ag Insecticide/Miticide at 10-15 fl. oz (0.012-0.018 lb ai)/A for low (1-2 thrips per leaf/fruit) to moderate (3-4 thrips per leaf/fruit). Use the higher rate of 15-20 fl. oz. (0.018-0.023 lb ai)/A for severe (more than 5 thrips per leaf/fruit) outbreaks. Apply Timectin 0.15 EC Ag Insecticide/Miticide in combination with VINTRE or a 1.0-4.0% NR 415 oil in combination with a Horticultural Spray Oil (not a dormant oil) which is approved for use on avocados.</p>	<p>Do not apply more than 20 fl. oz. (0.023 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply more than 40 fl. oz. (0.047 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>Make only 2 applications per year of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product 30 days or more apart.</p> <p>Preharvest Interval: 14 days</p> <p>Do not allow livestock to graze in treated orchards.</p>

## BEAN, DRY AND SUCCULENT

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in Bean, Dry and Succulent, *Cicer arietinum* (chickpea, garbanzo bean), *Lupinus spp.* (including grain lupin, sweet lupin, white lupin, and white sweet lupin), *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\*, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, and yardlong bean):

*Liriomyza leafminers*  
*Spider mite*

\*For use on cowpeas that are grown only for dry seed. Do not allow livestock to graze cowpea forage and do not harvest cowpea forage or hay for use as livestock feed.

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>Low to moderate pest infestations: 8 – 12 fl. oz. (0.009 – 0.014 lb ai)/A</p> <p>Heavy pest infestations: 13 – 16 fl. oz. (0.015 – 0.019 lb ai)/A</p>	<p>Apply with ground application equipment or aircraft. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control.</p> <p>For best control, apply with ground application equipment. With aerial application, the resulting control of leafminers and spider mites could be less with ground application.</p> <p>Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures), use a greater volume of water to ensure adequate coverage.</p> <p><b>Leafminers and Spider mites:</b> Apply when adult leafminers or spider mites first appear and repeat as needed to maintain control within constraints of a sound resistance management program. (<b>see Restrictions</b>)</p>	<p>Do not apply by air in the State of New York.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide for high infestations or 12 fl. oz. (0.014 lb ai) for low to moderate infestations, or any other foliarly applied abamectin containing product, per application.</p> <p>Do not apply more than 48 fl. oz. (0.056 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other foliarly applied abamectin containing product, per year.</p> <p>Make a maximum of 2 applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other foliarly applied abamectin containing product per year. Make repeat applications at least 6 days apart.</p> <p>Preharvest Interval: 7 days</p> <p>Do not apply in less than 10 gals. of water/A with ground equipment. Do not apply in less than 5 gal. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures), use a greater volume of water to insure adequate coverage.</p>

---

**CELERIAC (*Apium graveollens*)**

---

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in celeriac:

*Twospotted spider mite*

<b>Rate of Timectin 0.15 EC Ag Insecticide/Miticide</b>	<b>Directions for Application</b>	<b>Restrictions</b>
16.0 fl. oz. (0.019 lb ai)/A	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using conventional dilute or concentrate sprays using ground application equipment.</p> <p>Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage of the crop foliage. Apply only in 20 gals. or more of water/A by ground application. Control of this mite requires a thorough coverage of the spray solution on the crop foliage.</p> <p>Time Timectin 0.15 EC Ag Insecticide/Miticide applications to occur when mites first appear. Repeat applications following the directions in the Restrictions column of this table.</p> <p>Optimum results are obtained if Timectin 0.15 EC Ag Insecticide/Miticide is used in combination with a non-ionic surfactant such as WETCIT.</p>	<p>Refer to the section on Spray Drift Precautions of this label.</p> <p>Do not apply by air.</p> <p>Do not apply more than 16 fl. oz (0.019 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply more than 48 fl. oz./A (0.056 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product after transplanting.</p> <p>To prevent resistance, make only 2 sequential applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year 7 days or more apart.</p> <p>Preharvest Interval: 7 days</p>

## CITRUS FRUITS (CROP GROUP 10)

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in citrus: calamondin, citrus citron, citrus hybrids (including chironja, tangelo, tangor), grapefruit, kumquat, lemon, lime, mandarin (tangerine), sour orange, sweet orange, pummelo, Satsuma mandarin:

*Asian citrus psylla*  
*Broad mite*  
*Citrus bud mite*  
*Citrus leafminer*  
*Citrus rust mite*  
*Citrus thrips*  
*Twospotted spider mites*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>For Dilute Sprays<sup>a</sup>: 1.0 – 2.0 fl. oz. (0.001-0.002 lb ai)/100 gals. for all insects (except Asian citrus psylla, citrus leafminers and citrus thrips—use the concentrate spray rate)</p> <p>For Concentrate Sprays<sup>b</sup>, <sup>c</sup>: 10 – 20 fl. oz. (0.012-0.023 lb ai)/A for all listed insects/mites</p> <p><b>Add and (for best results)</b></p> <p>a Horticultural Spray Oil that is not a dormant oil such as OROCIT, VINTRE or CITRI-KING.</p> <p><b>Horticultural Spray Oil</b> 0.20% or 1 gal./A</p> <p><b>OROCIT or VINTRE or CITRI-KING</b> Use 16-64 fl. oz. per acre in sufficient water at rates no greater than 0.3% v/v.</p> <p>(see footnotes for additional rates)<sup>c</sup></p>	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using conventional dilute or concentrate sprays using ground application equipment. Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage (outside coverage for Asian citrus psylla, citrus leafminer or citrus thrips). The size and number of trees per acre as well as foliage density will determine the gallons of spray required.</p> <p><b>Asian citrus psylla:</b> Applications made in the spring, summer or fall should be directed at newly expanding foliage and will only control adults and nymphs present at the time of application.</p> <p><b>Mites:</b> Applications made in the spring, summer or fall should be made when mites first appear.</p> <p><b>Citrus bud mite:</b> Time application to occur at “bud swell”.</p> <p><b>Citrus leafminer<sup>d</sup>:</b> Applications in the spring, summer or fall should be directed at newly expanding foliage.</p> <p><b>Citrus thrips:</b> Correct timing is required. Apply after egg hatch has begun (typically, early to mid-hatch is best) but only the current generation will be controlled.</p>	<p>Aerial application is permitted only for control of citrus leafminer. Aerial application to citrus is not approved in California.</p> <p>Do not apply more than 2.0 fl. oz. (0.002 lb ai)/100 gals for diluted sprays and 20 fl. oz. (0.023 lb ai)/A for concentrated sprays of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply more than 40 fl. oz. (0.047 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>Do not apply more than 3 applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year 30 days or more apart.</p> <p>To prevent pest resistance to Timectin 0.15 EC Ag Insecticide/Miticide, do not apply in citrus nurseries.</p> <p>Do not allow livestock to graze in treated orchards.</p> <p>Preharvest Interval: 7 days</p>

<sup>a</sup> Dilute Spray Rate is based on a volume of 1,000 gals./A dilute spray.

<sup>b</sup> Concentrate Spray Rate: determine the amount of Timectin 0.15 EC Ag Insecticide/Miticide that would be required in a full cover dilute spray.

<sup>c</sup> For optimum control of **Asian citrus psylla, broad mites, citrus rust mites and citrus leafminers**, apply 150-300 gals spray mix per acre plus OROCIT, VINTRE or CITRI-KING or a minimum of 3 gal./A of a horticultural oil (not a dormant oil) and apply using ground equipment at 1 to 1.5 miles per hour. For optimum control of **citrus bud mite**, apply Timectin 0.15 EC Ag Insecticide/Miticide in a minimum of 500 gals. per acre plus OROCIT, VINTRE or CITRI-KING or a minimum of 2 qts. (0.5%) per acre of a horticultural oil (not a dormant oil). For optimum control of **citrus thrips**, use 100-250 gals. per acre spray mix for best coverage of outside foliage.

<sup>d</sup> **Citrus leafminer** – Ground or aerial application is permitted; however, do not apply with aircraft to citrus in California. For aerial application use a minimum of 10 gallons of finished spray volume per acre. Under conditions such as high pest population, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume of water to ensure adequate coverage.

## COTTON

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in cotton:

*Carmines spider mites*  
*Pacific spider mites*  
*Strawberry spider mites*  
*Twospotted spider mites*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>Early season: 4 – 6 fl. oz. (0.005-0.007 lb ai)/A</p> <p>Mid-season/Lay-by: 8 – 16 fl. oz. (0.009-0.019 lb ai)/A</p>	<p>Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. Control of mites requires a thorough coverage of the spray solution on the crop foliage.</p> <p><b>Early season:</b> Apply Timectin 0.15 EC Ag Insecticide/Miticide when the cotton is no taller than 10 inches. Apply only using ground application equipment. Do not apply less than 4 fl. oz. (0.005 lb ai) Timectin 0.15 EC Ag Insecticide/Miticide per acre.</p> <p><b>Mid-season and lay-by:</b> Use Timectin 0.15 EC Ag Insecticide/Miticide at the specified rates 8 - 16 fl. oz. (0.009-0.019 lb ai)/A depending on the size of the plants and foliage density. Apply using ground application or by air in fixed-wing aircraft or by helicopter. Apply by air in a minimum of 5 gals. of water /A.</p> <p>Time Timectin 0.15 EC Ag Insecticide/Miticide applications to occur when mites first appear. Repeat applications following the directions in the Restrictions column of this table.</p>	<p>Refer to the section on Spray Drift Precautions of this label.</p> <p>Do not apply through any type of irrigation system.</p> <p>Do not apply more than 6 fl. oz. (0.007 lb ai)/A for early season applications and no more than 16 fl. oz. (0.019 lb ai)/A for mid-season/lay-by applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply more than 32 fl. oz. (0.038 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>Make only 2 applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year 21 days or more apart.</p> <p>Do not feed foliage to livestock; do not allow livestock to graze treated cotton.</p> <p>Preharvest Interval: 20 days</p>

## CUCURBIT VEGETABLES (CROP GROUP 9)

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in the Cucurbit Crop Group chayote (fruit), Chinese waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, edible gourds (includes hyotan, cucuzza, hechima, Chinese okra), *Momordica* spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), muskmelon (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon and snake melon), pumpkin, 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:

*Spider mites*  
*Leafminers*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
8 – 16 fl. oz. (0.009-0.019 lb ai)/A	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using ground or air application equipment. Although aerial application is permitted, best control of insect pests is achieved with ground applications which provide better spray coverage. The user accepts all liability for mite level and duration of control if Timectin 0.15 EC Ag Insecticide/Miticide is applied by air.</p> <p>Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. Control of these mites/insects requires a thorough coverage of the spray solution on the crop foliage.</p> <p>Do not apply in less than 20 gals. of water/A by ground and in less than 5 gals. of water by air application. To ensure thorough spray coverage, use a greater spray volume for high pest pressure, dense crop canopies, and adverse application conditions (high temperatures).</p> <p>Time Timectin 0.15 EC Ag Insecticide/Miticide applications to occur when insects first appear. Use 8 – 12 fl. oz. (0.009-0.014 lb ai)/A for low to moderate insect pressure use 16 fl. oz. (0.019 lb ai)/A for heavy insect infestations. Repeat applications following the directions in the Restrictions column of this table.</p>	<p>Refer to the section on Spray Drift Precautions of this label.</p> <p>Do not apply Timectin 0.15 EC Ag Insecticide/Miticide by air in the State of New York.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply more than 48 fl. oz. (0.056 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>Make only 2 sequential applications 7 days or more apart.</p> <p>Preharvest Interval: 7 days</p>

## FRUITING VEGETABLES (Except Cucurbits) (CROP GROUP 8)

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in the Fruiting Vegetable Crop Group: eggplant, groundcherry, pepino, pepper (includes bell pepper, chili pepper, cooking pepper, pimiento, sweet pepper), tomatillo, tomato:

*Broad mite*  
*Colorado potato beetle*  
*Liriomyza leafminers*  
*Spider mites*  
*Thrips palmi*  
*Tomato pinworm*  
*Tomato russet mite*  
*Potato psyllid (peppers only; provides suppression only)*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>8 – 16 fl. oz. (0.009-0.019 lb ai)/A (use the 16 fl. oz.(0.019 lb ai)/A rate for tomato pinworm)</p> <p><b>Note:</b> Although Timectin 0.15 EC Ag Insecticide/Miticide can be used without a wetting agent, improved spreading and penetration for better insect control is achieved using a combination of Timectin 0.15 EC Ag Insecticide/Miticide and a surfactant such as WETCIT. Nonionic type surfactants are recommended (not binder or sticker-type surfactants).</p>	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using ground or air application equipment. Although aerial application is permitted, best control of mites is achieved with ground applications which provide better spray coverage. The user accepts all liability for mite level and duration of control if Timectin 0.15 EC Ag Insecticide/Miticide is applied by air.</p> <p>Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. Control of these mites/insects requires a thorough coverage of the spray solution on the crop foliage.</p> <p>Do not apply in less than 20 gals. of water/A by ground and in less than 5 gals. of water by air application. To ensure thorough spray coverage, use a greater spray volume for high pest pressure, dense crop canopies, and adverse application conditions (high temperatures).</p> <p>Repeat applications following the directions in the Restrictions column of this table.</p> <p><b>Mites and thrips :</b> Apply when insects first appear using 8 fl. oz. (0.009 lb ai)/A for low to moderate insect populations and 16 fl. oz. (0.019 lb ai)/A for heavy infestations.</p> <p><b>Tomato pinworm:</b> Make application when moth activity is first observed and not later than when larvae emerge. Apply using the 16 fl. oz. (0.019 lb ai)/A rate.</p> <p><b>Colorado potato beetle:</b> Apply 8 fl. oz. (0.009 lb ai)/A for low to moderate insect populations and 16 fl. oz. (0.019 lb ai)/A for heavy infestations.</p> <p><b>Potato psyllid (Peppers only):</b> Timectin 0.15 EC Ag Insecticide/Miticide provides suppression only. Apply when insects first appear. Use 8 – 12 fl. oz. (0.009-0.014 lb ai)/A for low to moderate insect populations and 16 fl. oz. (0.019 lb ai)/A for heavy infestations. Make sequential applications at 10-14 day intervals when heavy egg and nymph populations are found. Use of a spreading or penetration adjuvant such as WETCIT or horticultural oil is recommended.</p>	<p>Refer to the section on Spray Drift Precautions of this label.</p> <p>Do not apply Timectin 0.15 EC Ag Insecticide/Miticide by air in the State of New York.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply more than 48 fl. oz. (0.056 lb ai)Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>Make only 2 sequential applications 7 days or more apart.</p> <p>To prevent insect resistance to Timectin 0.15 EC Ag Insecticide/Miticide, do not apply to fruiting vegetables grown for transplants.</p> <p>Preharvest Interval: 7 days</p>



**GRAPES AND SMALL FRUIT VINE CLIMBING SUBGROUP (except Fuzzy Kiwifruit) (CROP SUBGROUP 13-07F)**

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in Amure river grape; gooseberry; grape; kiwifruit, hardy; maypop; Schisandra berry; cultivars, varieties, and/or hybrids of these:

*Pacific spider mite*  
*Twospotted spider mite*  
*Western grapeleaf skeletonizer*  
*Willamette spider mite*  
*European grapevine moth (Lobesia botrana)*†  
*Western grape leafhopper*\*  
*Varigated leafhopper*\*

\* Timectin 0.15 EC Ag Insecticide/Miticide provides knock-down control only of these pests.

† Not approved for use on this pest in California.

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>Low to moderate pest infestations: 8 – 12 fl. oz. (0.009-0.014 lb ai)/A</p> <p>Heavy pest infestations: 16 fl. oz. (0.019 lb ai)/A</p> <p><b>PLUS</b></p> <p><b>VINTRE</b> (Use 16-32 fl. oz. per acre at rates no greater than 0.3% v/v)</p> <p><b>OR</b></p> <p>a nonionic type surfactant (not binder or sticker-type surfactants).</p> <p><b>European Grapevine Moth (<i>Lobesia botrana</i>)†:</b> 10 – 16 fl. oz. (0.012-0.019 lb ai)/A</p> <p>(†Not approved for use on this pest in California.)</p>	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using ground application equipment. Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. Control of these mites/insects requires a thorough coverage of the spray solution on the crop foliage. Do not spray alternate rows: apply Timectin 0.15 EC Ag Insecticide/Miticide on both sides of the row to ensure maximum coverage of the crop.</p> <p>Do not apply in less than 50 gals. of water/A by ground. If electro-static sprayers are used, the volume may be less than 50 gals./A but do not use less than 5 gals. of water/A.</p> <p>Always use Timectin 0.15 EC Ag Insecticide/Miticide with VINTRE or a nonionic surfactant. This combination improves the wetting of leaves and provides an even coverage of spray. Not all combinations of VINTRE or nonionic surfactants and Timectin 0.15 EC Ag Insecticide/Miticide have been tested on every grape variety or all types of growing conditions. Before using VINTRE or a nonionic surfactant, carefully read and follow the surfactant product's label.</p> <p>Apply when insects first appear using 8 - 12 fl. oz. (0.009-0.014 lb ai)/A for low to moderate insect populations and 16 fl. oz. (0.019 lb ai)/A for heavy infestations. Repeat applications following the directions in the Restrictions column of this table.</p> <p><b>Spider mites:</b> Time application to occur when mites are first detected but before motiles exceed 5 per leaf.</p> <p><b>Western grapeleaf skeletonizer:</b> Make application with a non-ionic surfactant when larvae appear. Best control is achieved if application is made just after egg hatch.</p> <p><b>Western grape leafhopper, Varigated leafhopper:</b> For knock-down control only, apply with a non-ionic surfactant when pests first appear.</p> <p><b>European Grapevine Moth:</b> Apply to aid in control of first generation of pest on grapes.</p>	<p>Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. <b>Exception:</b> 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.</p> <p>Do not apply by air.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other Abamectin-containing product per application.</p> <p>Do not apply more than 32 fl. oz. (0.038 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any Abamectin-containing product per year.</p> <p>Make only 2 applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year. One repeat application may be applied 21 days or more after the first application if needed to maintain control.</p> <p>Do not allow livestock to graze in treated vineyards.</p> <p>Preharvest Interval: 28 days</p>

## GUAVA

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in guava; feijoa; jaboticaba; wax jambu; starfruit; passionfruit; and acerola:

### *Twospotted spider mite*

<b>Rate of Timectin 0.15 EC Ag Insecticide/Miticide</b>	<b>Directions for Application</b>	<b>Restrictions</b>
<p>Low to moderate pest infestations: 10 – 15 fl. oz. (0.012 – 0.018 lb ai)/A</p> <p>Heavy pest infestations: 16 -20 fl. oz. (0.019- 0.023 lb ai)/A</p>	<p>Add a horticultural oil for best results.</p> <p>Apply when mites first appear during spring, summer, and/or fall.</p> <p>Do not apply in less than 50 gals. of water/A with conventional ground application equipment. If electro-static sprayers are used, the volume may be less than 50 gals./A but do not use less than 5 gals. of water/A.</p> <p>Concentrate Spray rates (this product/A) are adjusted to apply the amount/A equal to that used in full cover dilute spray. Rates of this product/100 gal. are based on 1,000 gals./A of dilute spray. Ground application: For best results, use 15-300 gal./A spray mix with a minimum of 3 gal./A of horticultural oil (not dormant oil) and apply at a ground speed of 1 to 1.5 mph.</p>	<p>Do not apply by air.</p> <p>Do not apply more than 20 fl. oz. (0.023 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other Abamectin-containing product per application.</p> <p>Do not apply more than 60 fl. oz. (0.07 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other Abamectin-containing product per year.</p> <p>Make only 3 applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year with at least 14 days between applications.</p> <p>Preharvest Interval: 7 days</p> <p>Horticultural Spray Oil (do not use a dormant oil) 1 gal./A (minimum) (0.20 % v/v).</p>

---

**HERB CROP SUBGROUP (CROP SUBGROUP 19A)**

---

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in the Herb Crop Subgroup (except chives): angelica, balm, basil, borage, burnet, chamomile, catnip, chervil (dried), chives, chives (Chinese), clary, coriander (leaf), costmary, cilantro (leaf), curry (leaf), dillweed, horehound, hyssop, lavender, lemongrass, lovage (leaf), marigold, marjoram (*Origanum* spp.), nasturtium, parsley (dried), pennyroyal, rosemary, rue, sage, savory (summer and winter), sweet bay, tansy, tarragon, thyme, wintergreen, woodruff, wormwood:

*Liriomyza* leafminers

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>8 – 16 fl. oz. (0.009-0.019 lb ai)/A</p> <p><b>Note:</b> To improve the wetting of leaves and provide an even coverage of spray of the foliage, use Timectin 0.15 EC Ag Insecticide/Miticide in combination with a wetting agent, such as WETCIT or a nonionic surfactant.</p>	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using conventional dilute or concentrate ground application equipment. Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. Control of leafminers requires a thorough coverage of the spray solution on the upper and lower leaves.</p> <p>Do not apply in less than 30 gals. of water/A by ground.</p> <p>Use the low rate for low to moderate insect pressure and the higher rate for heavy insect pressure. Time application to occur when adult flies are first detected. Repeat applications following the directions in the Restrictions column of this table.</p> <p>Not all combinations of WETCIT or nonionic surfactants and Timectin 0.15 EC Ag Insecticide/Miticide have been tested on every herb type and variety or under all types of growing conditions. Before using WETCIT or a nonionic surfactant, carefully read and follow the surfactant product's label.</p>	<p>Do not apply by air.</p> <p>Make only 2 applications per single cutting.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply more than 48 fl. oz. (0.056 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>Do not apply more than 6 applications per cropping season at the 8 fl. oz. (0.009 lb ai)/A rate or more than 3 applications at the 16 fl. oz. (0.019 lb ai)/A rate of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product.</p> <p>Repeat applications may be made 7 days or more after the last application.</p> <p>Preharvest Interval: 14 days</p>

## HOPS (EXCEPT IN CALIFORNIA)

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in hops (not approved for use in California):

*Twospotted spider mite*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>8 – 16 fl. oz. (0.009-0.019 lb ai)/A</p> <p><b>Note:</b> Although Timectin 0.15 EC Ag Insecticide/Miticide can be used without a wetting agent, improved spreading and penetration for better insect control is achieved using a combination of Timectin 0.15 EC Ag Insecticide/Miticide and a surfactant such as WETCIT. Nonionic type surfactants are recommended (not binder or sticker-type surfactants).</p>	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using ground application equipment. Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. Control of mites requires a thorough coverage of the spray solution on the upper and lower leaves of the crop.</p> <p>The size and foliage density of plants will determine the gallons of spray required for thorough coverage. Use the same amount of Timectin 0.15 EC Ag Insecticide/Miticide for concentrate or dilute sprays. For plants 6 – 8 feet in height (1/2 trellis growth), apply 8 – 16 fl. oz./A of Timectin 0.15 EC Ag Insecticide/Miticide in a minimum of 40 gals. of water per acre. For plants taller than 6-8 feet, do not use less than 16 fl. oz./A in a minimum of 100 gals. of water/A.</p> <p>Time application to occur when mites are first detected. One repeat application may be made following the directions in the Restrictions column of this table.</p>	<p>Refer to the section on Spray Drift Precautions of this label.</p> <p>Do not apply by air.</p> <p>Make only 2 applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply more than 32 fl. oz. (0.038 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>Repeat applications may be made 21 days or more after the last application. To prevent insect resistance, use other miticides with different modes of action before making a repeat application of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product.</p> <p>Do not allow livestock to graze in treated hop yards.</p> <p>Preharvest Interval: 28 days</p>

## LEAFY VEGETABLES (Except BRASSICA Vegetables) (CROP GROUP 4)

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in the Leafy Vegetables (except brassica vegetables) Crop Group: amaranth (leafy amaranth, Chinese spinach, tampala), arugula (Roquette), cardoon, celery, Chinese celery, celtuce, chervil, Chrysanthemum (edible-leaved), Chrysanthemum (garland), corn salad, garden cress, upland cress (yellow rocket, winter cress), dandelion, dock (sorrel), endive (escarole), Florence fennel (finocchio), head and leaf lettuce, orach, parsley, garden purslane, winter purslane, radicchio (red chicory), rhubarb, spinach, New Zealand spinach, vine spinach (Malabar spinach, Indian spinach), Swiss chard:

*Carmine spider mite*  
*Liriomyza leafminers*  
*Twospotted spider mite*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>8 – 16 fl. oz. (0.009-0.019 lb ai)/A</p> <p><b>Note:</b> Although Timectin 0.15 EC Ag Insecticide/Miticide can be used without a wetting agent, improved spreading and penetration for better insect control is achieved using a combination of Timectin 0.15 EC Ag Insecticide/Miticide and a surfactant such as WETCIT. Nonionic type surfactants are recommended (not binder or sticker-type surfactants).</p>	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using ground or air application equipment. Although aerial application is permitted, best control of mites is achieved with ground applications which provide better spray coverage. The user accepts all liability for mite level and duration of control if Timectin 0.15 EC Ag Insecticide/Miticide is applied by air.</p> <p>Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. Control of these mites/insects requires a thorough coverage of the spray solution on the crop foliage.</p> <p>Do not apply in less than 20 gals. of water/A by ground and in less than 5 gals. of water by air application. To ensure thorough spray coverage, use a greater spray volume for high pest pressure, dense crop canopies, and adverse application conditions (high temperatures).</p> <p>Apply Timectin 0.15 EC Ag Insecticide/Miticide at 8 – 12 fl. oz. (0.009-0.014 lb ai)/A for low to moderate insect populations and at 16 fl. oz. (0.019 lb ai)/A for heavy infestations. Make repeat applications if needed to maintain control according to the Restrictions column of this table.</p> <p><b>Mites:</b> Apply when insects first appear.  <b>Leafminers:</b> Time application to occur when adult flies are first detected.</p>	<p>Refer to the section on Spray Drift Precautions of this label.</p> <p>Do not apply Timectin 0.15 EC Ag Insecticide/Miticide by air in the State of New York.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply more than 48 fl. oz. (0.056 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>Make only 2 sequential applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product 7 days or more apart.</p> <p>To prevent insect resistance to Timectin 0.15 EC Ag Insecticide/Miticide, do not apply to leafy vegetables grown for transplants.</p> <p>Preharvest Interval: 7 days</p>

## LYCHEE

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in lychee; longan; Spanish lime; rambutan; and pulasan:

*Twospotted spider mite*

*Liriomyza leafminers*

*Thrips*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>Low to moderate pest infestations: 8 – 12 fl. oz. (0.009-0.014 lb ai)/A</p> <p>Heavy pest infestations: 20 fl. oz. (0.023 lb ai)/A</p>	<p>ADD a horticultural oil for best results.</p> <p>Apply using a conventional dilute or concentrate ground equipment.</p> <p>Do not apply in less than 40 gals. of water/A to ensure thorough foliage coverage.</p> <p><b>Mites:</b> Apply when insects first appear.  <b>Leafminers:</b> Apply to protect new growth during spring, summer, or fall.  <b>Thrips:</b> Applications targeted for thrips will only control the current generation and must be correctly timed. Apply when economic thresholds have been reached (apply after egg hatch has begun – preferably early to mid-hatch).</p> <p>Concentrate Spray rates (this product/A) are adjusted to apply the amount/A equal to that used in full cover dilute spray. Ground application: For best results, use 150-300 gals./A of spray mix with a minimum of 3 gals./A of horticultural oil (not a dormant oil) and apply at a ground speed of 1 to 1.5 mph. Rates of this product/100 gals. are based on 1,000 gals./A dilute spray</p>	<p>Do not apply more than 20 fl. oz. (0.023 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin-containing product per application.</p> <p>Do not apply more than 40 fl. oz. (0.047 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin-containing product per year.</p> <p>Make only 2 sequential applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product 30 days or more apart.</p> <p>Preharvest Interval: 14 days</p> <p>Horticultural Spray Oil (do not use a dormant oil) 1 gal./A (minimum) (0.20%, v/v)</p>

## MINT (PEPPERMINT AND SPEARMINT)

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in peppermint and spearmint:

*Twospotted spider mite*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>8 – 12 fl. oz. (0.009-0.014 lb ai)/A</p> <p><b>Note:</b> Although Timectin 0.15 EC Ag Insecticide/Miticide can be used without a wetting agent, improved spreading and penetration for better insect control is achieved using a combination of Timectin 0.15 EC Ag Insecticide/Miticide and either a nonionic surfactant such as WETCIT or organosilicone-based surfactant at the manufacturer's recommended use rates.</p>	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using ground or air application equipment. Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. Control of these mites/insects requires a thorough coverage of the spray solution on the crop foliage.</p> <p>Do not apply in less than 20 gals. of water/A by ground and in less than 5 gals. of water by air application. To ensure thorough spray coverage, use a greater spray volume for high pest pressure, dense crop canopies, and adverse application conditions (high temperatures).</p> <p>Time applications to occur when insects first appear. Make repeat applications if needed to maintain control according to the Restrictions column of this table.</p>	<p>Do not apply Timectin 0.15 EC Ag Insecticide/Miticide by air in the State of New York.</p> <p>Do not apply more than 12 fl. oz. (0.014 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin containing product per application.</p> <p>Do not apply more than 36 fl. oz. (0.042 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>Make only 2 sequential applications 7 days or more apart. Do not apply more than 3 applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per season.</p> <p>Do not allow livestock to graze or feed treated foliage to livestock.</p> <p>Preharvest Interval: 28 days</p>



---

**ONION, BULB (CROP SUBGROUP 3-07A)**

---

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in the Onion, Bulb Subgroup: onion, bulb including daylily, bulb; fritillaria, bulb; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; lily, bulb; onion, Chinese, bulb; onion, peal; onion, potato, bulb; shallot, bulb; cultivars, varieties, and/or hybrids of these:

*Liriomyza leafminers*

*Thrips*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>Low to moderate infestations: 8.0 – 12.0 fl. oz. (0.009-0.014 lb ai)/A</p> <p>High infestations: 13 – 16 fl. oz. (0.015-0.019 lb ai)/A</p>	<p>Apply with ground application equipment or aircraft. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control.</p> <p>For best control, apply with ground application equipment. With aerial application, the resulting control of leafminers and thrips could be less than with ground application.</p> <p><b>Leafminer:</b> Apply when adult leafminer flies are first observed and repeat application, as needed, to maintain control within constraints of a sound resistance management program. <b>(see Restrictions)</b></p> <p><b>Thrips:</b> Apply in a thrips management program and when thrips are at economic threshold. Repeat application, as needed, to maintain control within constraints of a sound resistance management program <b>(see Restrictions)</b>. Do not use Timectin 0.15 EC Ag Insecticide/Miticide as a rescue treatment for thrips control.</p> <p><b>Note:</b> Add a non-ionic activator type wetting, spreading and/or penetrating adjuvant approved for use on bulb onion. Do not use binder sticker type adjuvants. Tank mixing with products that have binder sticker type formulations can reduce Timectin 0.15 EC Ag Insecticide/Miticide performance. <b>(see Restrictions)</b></p>	<p>Do not apply Timectin 0.15 EC Ag Insecticide/Miticide by air in the State of New York.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A for high infestations or 12 fl. oz. (0.014 lb ai)/A for low to moderate infestations of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product, per application.</p> <p>Do not apply more than 48 fl. oz. (0.056 lbs ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product, per year.</p> <p>Wait at least 7 days before repeating application.</p> <p>Make 2 consecutive applications of Timectin 0.15 EC Ag Insecticide/Miticide 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 Timectin 0.15 EC Ag Insecticide/Miticide applications. Do not make more than 2 sequential applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other foliarly applied abamectin containing product.</p> <p>Preharvest Interval: 30 days</p> <p>Do not apply in less than 20 gals. of water/A with ground application equipment. Do not apply in less than 5 gal. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures), use a greater volume of water to insure adequate coverage.</p>

---

**ONION, GREEN (CROP SUBGROUP 3-07B)**

---

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in the Onion, Green Subgroup; chive, fresh leaves; chive, Chinese, fresh leaves; Elegans hosta; fritillaria, leaves; kurrat; lady's leek; leek; leek, wild; onion, Beltsville bunching; onion, fresh; onion, green; onion, macrostem; onion, tree, tops; onion, Welsh, tops; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these:

*Liriomyza leafminers*

*Thrips*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>Low to moderate infestations: 8.0 – 12.0 fl. oz. (0.009-0.014 lb ai)/A</p> <p>High infestations: 13 – 16 fl. oz. (0.015-0.019 lb ai)/A</p>	<p><b>Leafminer:</b> Apply when adult leafminer flies are first observed and repeat application, as needed, to maintain control within constraints of a sound resistance management program. <b>(see Restrictions)</b></p> <p><b>Thrips:</b> Apply in a thrips management program and when thrips are at economic threshold. Repeat application, as needed, to maintain control within constraints of a sound resistance management program <b>(see Restrictions)</b>. Do not use Timectin 0.15 EC Ag Insecticide/Miticide as a rescue treatment for thrips control.</p> <p><b>Note:</b> Add a non-ionic activator type wetting, spreading and/or penetrating adjuvant approved for use on bulb onion. Do not use binder sticker type adjuvants. Tank mixing with products that have binder sticker type formulations can reduce Timectin 0.15 EC Ag Insecticide/Miticide performance. <b>(see Restrictions)</b></p>	<p>Do not apply by air in the State of New York or California.</p> <p>Do not apply Timectin 0.15 EC Ag Insecticide/Miticide by air in the State of New York.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product, per application.</p> <p>Do not apply more than 64 fl. oz. (0.056 lbs ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product, per year.</p> <p>Wait at least 7 days before repeating application.</p> <p>Do not make more than 2 sequential applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other foliarly applied abamectin containing product.</p> <p>Preharvest Interval: 7 days</p> <p>Do not apply in less than 20 gals. of water/A with ground application equipment. Do not apply in less than 5 gal. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures), use a greater volume of water to insure adequate coverage.</p>

## PAPAYA

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in papaya; star apple; black sapote; sapodilla; canistel; and mamey sapote:

*Twospotted spider mite*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>Low to moderate pest infestations: 10 – 15 fl. oz. (0.012-0.018 lb ai)/A</p> <p>Heavy pest infestations: 16 - 20 fl. oz. (0.019 - 0.023 lb ai)/A</p> <p>Dilute Sprays: 1.0 – 2.0 fl. oz./100 gals.</p>	<p>ADD a horticultural oil for best results.</p> <p>Apply using a conventional dilute or concentrate ground equipment.</p> <p>Do not apply in less than 40 gals. of water/A to ensure thorough foliage coverage. When using an electro-static sprayer, less than 50 gals. water/A may be used; however, do not use less than 5 gals water/A.</p> <p>Apply when mites first appear during spring, summer, and/or fall.</p> <p>Concentrate Spray rates (this product/A) are adjusted to apply the amount/A equal to that used in full cover dilute spray. Rates of this product/100 gals. are based on 1,000 gals./A of dilute spray. Ground application: For best results, use 150-300 gals./A of spray mix with a minimum of 3 gals./A of horticultural oil (not a dormant oil) and apply at a ground speed of 1 to 1.5 mph.</p>	<p>Do not apply to mango</p> <p>Do not apply more than 20 fl. oz. (0.023 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin-containing product per application.</p> <p>Do not apply more than 60 fl. oz. (0.07 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin-containing product per year.</p> <p>Make only 3 sequential applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product 14 days or more apart.</p> <p>Preharvest Interval: 3 days</p> <p>Horticultural Spray Oil (do not use a dormant oil) 1 gal./A (minimum) (0.20%, v/v)</p>

---

**PINEAPPLE**

---

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in pineapple:

*Twospotted spider mite*

<b>Rate of Timectin 0.15 EC Ag Insecticide/Miticide</b>	<b>Directions for Application</b>	<b>Restrictions</b>
<p>Low to moderate pest infestations: 10 – 15 fl. oz. (0.012-0.018 lb ai)/A</p> <p>Heavy pest infestations: 16 - 20 fl. oz. (0.019 - 0.023 lb ai)/A</p> <p>Dilute Sprays: 1.0 – 2.0 fl. oz./100 gals.</p>	<p>Apply using a conventional dilute or concentrate ground equipment.</p> <p>Do not apply in less than 50 gals. of water/A with conventional ground equipment. When using an electro-static sprayer, less than 50 gals. water/A may be used; however, do not use less than 5 gals. water/A.</p> <p>Apply when mites first appear during spring, summer, and/or fall.</p> <p>Concentrate Spray rates (this product/A) are adjusted to apply the amount/A equal to that used in full cover dilute spray. Rates of this product/100 gals. are based on 1,000 gals./A of dilute spray. Ground application: For best results, use 150-300 gals./A of spray mix with a minimum of 3 gals./A of horticultural oil (not a dormant oil) and apply at a ground speed of 1 to 1.5 mph.</p>	<p>Do not apply by air.</p> <p>Do not apply more than 20 fl. oz. (0.023 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin-containing product per application.</p> <p>Do not apply more than 40 fl. oz. (0.046 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin-containing product per year.</p> <p>Make only 2 sequential applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product 7 days or more apart per year.</p> <p>Preharvest Interval: 16 weeks</p> <p>Horticultural Spray Oil (do not use a dormant oil) 1 gal./A (minimum) (0.20%, v/v)</p>

## POME FRUIT (CROP GROUP 11-10)

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in apple; azarole; crabapple; loquat; mayhaw; medlar; pear; pear, Asian; quince; quince, Chinese; quince, Japanese; tejocote; cultivars, varieties, and/or hybrids of these:

*European red mite*  
*McDaniel spider mite*  
*Pear psylla*  
*Pear rust mite*  
*Tentiform leafminers*  
*Twospotted spider mite*  
*White apple leafhoppers*  
*Yellow mite*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>For Dilute Sprays<sup>a</sup>: 2.5 – 5.0 fl. oz. (0.003-0.006 lb ai)/100 gals</p> <p>For Concentrate Sprays<sup>b</sup>: 10 – 20 fl. oz. (0.012-0.023 lb ai)/A</p> <p><b>And add (for best results)</b></p> <p>A Horticultural Spray Oil that is not a dormant oil</p> <p>For Dilute Sprays: 0.25% or 1 gal./A</p> <p>For Concentrate Sprays: Minimum of 1 gal./A</p>	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using conventional dilute or concentrate sprays using ground application equipment.</p> <p>Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. The size and number of trees per acre as well as foliage density will determine the gallons of spray required.</p> <p>Apply only in 40 gals. or more of water/A. Control of these mites/insects requires a thorough coverage of the spray solution on the tree foliage.</p> <p>Time Timectin 0.15 EC Ag Insecticide/Miticide applications to occur when spider mites first appear or when insect thresholds are reached. Repeat applications following the directions in the Restrictions column of this table.</p>	<p>Do not apply by air.</p> <p>Reduced efficacy and/or residual control may occur if Timectin 0.15 EC Ag Insecticide/Miticide is not applied with a horticultural spray oil (not a dormant oil). Follow all directions on the spray oil label or spray guides. In some cases, phytotoxicity and crop loss has been observed when Timectin 0.15 EC Ag Insecticide/Miticide plus a horticultural spray oil was applied in less than 14 days before or after a captan application.</p> <p>Application is not permitted from onset of flowering until after petal fall is complete.</p> <p>Do not apply more than 20 fl. oz. (0.023 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other Abamectin-containing product per application.</p> <p>Do not apply more than 40 fl. oz. (0.047 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other Abamectin-containing product per year.</p> <p>Make only 2 applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year 21 days or more apart.</p> <p>Do not allow livestock to graze in treated orchards.</p> <p>Preharvest Interval: 28 days</p>
<p><sup>a</sup> Dilute Spray Rate is based on a volume of 400 gals./A dilute spray.</p> <p><sup>b</sup> Concentrate Spray Rate: determine the amount of Timectin 0.15 EC Ag Insecticide/Miticide required in a full cover dilute spray. Then use the same amount of product per acre in concentrate sprays that would be required for the dilute sprays to the same orchard/grove. Note that for small trees, the amount may be less than 10 fl. oz. (0.012 lb ai)/A.</p>		

## STONE FRUIT CROP GROUP (CROP GROUP 12)

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in the Stone Fruit Crop Group: apricot; cherry (sweet and tart), nectarine, peach, plum, plum (chickasaw, damson, and Japanese), plumcot, and prune (fresh):

*European spider mite*

*Pacific spider mite*

*Twospotted spider mite*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>For Dilute Sprays<sup>a</sup>: 2.5 – 5.0 fl. oz. (0.003-0.006 lb ai)/100 gals</p> <p>For Concentrate Sprays<sup>b</sup>: 10 – 20 fl. oz. (0.012-0.023 lb ai)/A</p> <p><b>Horticultural Spray Oil:</b> For Dilute Sprays: 0.25% or 1 gal./A</p> <p>For Concentrate Sprays: Minimum of 1 gal./A</p> <p><b>Nonionic Surfactant</b> Labeled rate</p>	<p>Apply when mites first appear.</p> <p>A second application may be made, if needed to maintain control. (see Restrictions)</p> <p>Always apply Timectin 0.15 EC Ag Insecticide/Miticide in combination with a nonionic surfactant (at the manufacturer's specified label rate) that spreads and/or penetrates the leaf cuticle, or apply with horticultural Spray oil (not a dormant oil). The combination of Timectin 0.15 EC Ag Insecticide/Miticide and the nonionic surfactant helps to provide an even coverage of spray on the foliage and to improve the wetting and penetration of leaves for better insect control.</p> <p>A nonionic surfactant that spreads on and or/penetrates the leaf cuticle can improve insect control. Although Timectin 0.15 EC Ag Insecticide/Miticide has been tested in combination with nonionic surfactants for safety to Stone Fruit, it is impossible to test on all Stone Fruit varieties under the variety of conditions that may cause crop injury. Therefore, when using Timectin 0.15 EC Ag Insecticide/Miticide in combination with a nonionic surfactant, carefully follow the Directions for Use and Precautions on the surfactant label and in official spray guides.</p> <p>A horticultural oil (not a dormant oil) may improve efficacy and can be used but it may increase the possibility of phytotoxicity to foliage and fruit. Use nonionic surfactants at the manufacturers recommended rate.</p> <p>Use a minimum of 0.25% horticultural spray oil (not a dormant oil) in the dilute spray mixture and not less than 1.0 gal. of horticultural spray oil per acre in the final finished spray.</p> <p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using conventional dilute or concentrate sprays using ground application equipment. Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. The size and number of trees per acre as well as foliage density will determine the gallons of spray required. Apply only in 40 gals. or more of water/A. Control of these mites/insects requires a thorough coverage of the spray solution on the tree foliage.</p>	<p>Do not apply by air.</p> <p>Do not apply more than 20 fl. oz. (0.023 lb ai)/A for concentrated sprays and 5.0 fl. oz. (0.006 lb ai)/100 gals for diluted sprays of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product, per application.</p> <p>Do not apply more than 40 fl. oz. (0.047 lb. ai./A) of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product, per year.</p> <p>Make a maximum of 2 applications of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product per year 21 days or more apart.</p> <p>Do not allow livestock to graze in treated orchards.</p> <p>Preharvest Interval: 21 days</p> <p>Do not apply in less than 40 gals. of water/A.</p>

<sup>a</sup> Dilute Spray Rate is based on a volume of 400 gals./A dilute spray.

<sup>b</sup> Concentrate Spray Rate: determine the amount of Timectin 0.15 EC Ag Insecticide/Miticide required in a full cover dilute spray. Then use the same amount of product per acre in concentrate sprays that would be required for the dilute sprays to the same orchard/grove. Note that for small trees, the amount may be less than 10 fl. oz. (0.012 lb ai)/A.

---

**STRAWBERRIES, LOW GROWING BERRY (CROP SUBGROUP 13-07G)**

---

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in bearberry; billberry; blueberry, lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; strawberry; cultivars, varieties, and/or hybrids of these:

*Strawberry spider mite*  
*Twospotted spider mite*

<b>Rate of Timectin 0.15 EC Ag Insecticide/Miticide</b>	<b>Directions for Application</b>	<b>Restrictions</b>
<p>16 fl. oz. (0.019 lb ai)/A</p> <p><b>Note:</b> Although Timectin 0.15 EC Ag Insecticide/Miticide can be used without a wetting agent, improved spreading and penetration for better insect control is achieved using a combination of Timectin 0.15 EC Ag Insecticide/Miticide and a nonionic surfactant such as WETCIT at the manufacturer's recommended use rate.</p>	<p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using ground application equipment. Calibrate equipment prior to application to ensure sufficient water is used for thorough coverage. Control of these mites requires a thorough coverage of the spray solution on the crop foliage. Apply Timectin 0.15 EC Ag Insecticide/Miticide to the tops and undersides of the leaves.</p> <p>Do not apply in less than 50 gals. of water/A by ground. If electro-static sprayers are used, the volume may be less than 50 gals./A but do not use less than 10 gals. of water/A.</p> <p>Apply Timectin 0.15 EC Ag Insecticide/Miticide when mites are first detected. A second repeat application may be made 7 – 10 days later. This sequence of two applications may be repeated if needed but follow the directions in the Restrictions column of this table.</p>	<p>Refer to the section on Spray Drift Precautions of this label.</p> <p>Do not apply by air.</p> <p>Apply using conventional ground equipment or electrostatic sprayers.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply more than 64 fl. oz. (0.075 lb ai)/A Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>After the first 2 applications, wait 21 days or more before making additional applications if needed to maintain control. Do not make more than 4 applications of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per year.</p> <p>To prevent insect resistance to Timectin 0.15 EC Ag Insecticide/Miticide, do not apply in strawberry nurseries.</p> <p>Preharvest Interval: 3 days</p>



**TREE NUTS CROP GROUP (CROP GROUP 14) and PISTACHIO**

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in the Tree Nut Crop Group: almond, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert (hazelnut), hickory nut, macadamia nut, pecan, and walnuts (black and English):

*European red mite*

*Pacific spider mite*

*Strawberry spider mite*

*Twospotted spider mite*

<b>Rate of Timectin 0.15 EC Ag Insecticide/Miticide</b>	<b>Directions for Application</b>	<b>Restrictions</b>
<p>For Dilute Sprays<sup>a</sup>: 2.5 – 5.0 fl. oz. (0.003-0.006 lb ai)/100 gals</p> <p>For Concentrate Sprays<sup>b</sup>: 10 – 20 fl. oz. (0.012-0.023 lb ai)/A</p> <p><b>Horticultural Spray Oil that is not a dormant oil:</b></p> <p>For Dilute Sprays: 0.25% or 1 gal./A</p> <p>For Concentrate Sprays: Minimum of 1 gal./A</p>	<p>Apply when spider mites first appear.</p> <p>Residual spider mite control is greater from spray deposits on newer leaves compared to older leaves.</p> <p>Always apply Timectin 0.15 EC Ag Insecticide/Miticide in combination with a horticultural spray oil (not a dormant oil) approved for use on tree nuts.</p> <p>A second application may be made, if needed, to maintain control. (<b>see Restrictions</b>)</p>	<p>Do not apply by air.</p> <p>Do not apply more than 20 fl. oz. (0.023 lbs ai)/A for concentrated sprays and 5.0 fl. oz. (0.006 lb ai)/100 gals for diluted sprays of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product, per application.</p> <p>Do not apply more than 40 fl. oz. (0.047 lb ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product, per year.</p> <p>Make a maximum of 2 applications of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product per year. If a second application is necessary, wait at least 21 days before repeating application.</p> <p>Do not allow livestock to graze in treated groves/orchards.</p> <p>Preharvest Interval: 21 days</p> <p>Do not apply in less than 40 gals. of water/A.</p>

<sup>a</sup> Dilute Spray Rate is based on a volume of 400 gals./A dilute spray.

<sup>b</sup> Concentrate Spray Rate: First determine the amount of Timectin 0.15 EC Ag Insecticide/Miticide required in a full cover dilute spray. Then use the same amount of product per acre in concentrate sprays that would be required for the dilute sprays to the same orchard/grove. This may result in use of less than 10 fl. oz. (0.012 lb ai)/A on small trees.

## TUBEROUS AND CORM VEGETABLES CROP SUBGROUP (CROP SUBGROUP 1C)

Timectin 0.15 EC Ag Insecticide/Miticide will control the following pests in the Tuberous and Corm Vegetables Crop Subgroup: arracha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; canna, edible; cassava (bitter and sweet); chayote (root); chufa; dasheen; ginger; leren; potato; sweet potato; taniar; turmeric; yam bean; and yam, true:

*Colorado potato beetle*  
*Liriomyza leafminers*  
*Potato psyllid*  
*Spider mites*

Rate of Timectin 0.15 EC Ag Insecticide/Miticide	Directions for Application	Restrictions
<p>Low to moderate infestations:  8.0 – 12.0 fl. oz. (0.009-0.014 lb ai)/A</p> <p>Severe infestations:  16 fl. oz. (0.019 lb ai)/A</p>	<p>Thorough coverage of the crop canopy is essential for optimal results. Inadequate coverage may result in reduced control.</p> <p>Apply Timectin 0.15 EC Ag Insecticide/Miticide using ground or air application equipment. Although aerial application is permitted, best control of mites is achieved with ground applications which provide better spray coverage. The user accepts all liability for mite level and duration of control if Timectin 0.15 EC Ag Insecticide/Miticide is applied by air.</p> <p>The addition of a nonionic surfactant or organosilicone-based surfactant is suggested for optimum spider mite and insect control. Use nonionic surfactant or organosilicone-based surfactant at the manufacturers recommended rate.</p> <p>Use of Timectin 0.15 EC Ag Insecticide/Miticide in combination with a sticker or binder type product such as Bravo® Weather Stik® may reduce control of insects and spider mites.</p> <p><b>Spider mites:</b> Time applications to occur when mites first appear. Repeat application as needed to maintain control. <b>(see Restrictions)</b></p> <p><b>Colorado potato beetle:</b> Apply Timectin 0.15 EC Ag Insecticide/Miticide when about 50% of the egg masses have hatched and the larvae are present. If 2 applications are needed, limit them to a single Colorado potato beetle generation per crop. Do not make more than 2 applications per crop. (see Restrictions)</p> <p><b>Liriomyza leafminers:</b> Time application to occur when adult flies are first observed. Repeat applications as needed to maintain control. <b>(see Restrictions)</b></p>	<p>Do not apply Timectin 0.15 EC Ag Insecticide/Miticide by air in the State of New York.</p> <p>Do not apply more than 16 fl. oz. (0.019 lb ai)/A for severe infestations and no more than 12 fl. oz. (0.014 lb ai)/A for low to moderate infestations of Timectin 0.15 EC Ag Insecticide/Miticide or any other abamectin product per application.</p> <p>Do not apply in less than 20 gal. of water/A with ground equipment. Do not apply in less than 5 gal. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures), use a greater volume of water to insure adequate coverage.</p> <p>Do not apply more than 32 fl. oz. (0.038 lbs ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product, per crop for control of spider mite or Colorado potato beetle.</p> <p>Do not apply more than 48 fl. oz. (0.056 lbs ai)/A of Timectin 0.15 EC Ag Insecticide/Miticide, or any other foliarly applied abamectin containing product, per crop for control of leafminer.</p> <p>Make only 2 sequential applications. Applications of Timectin 0.15 EC Ag Insecticide/Miticide (or other abamectin containing products) must be 7 days or more apart.</p> <p>Do not allow livestock to graze or feed treated foliage to livestock.</p> <p>Preharvest Interval: 14 days</p>

<sup>a</sup> Dilute Spray Rate is based on a volume of 400 gals./A dilute spray.

<sup>b</sup> Concentrate Spray Rate: First determine the amount of Timectin 0.15 EC Ag Insecticide/Miticide required in a full cover dilute spray. Then use the same amount of product per acre in concentrate sprays that would be required for the dilute sprays to the same orchard/grove. This may result in use of less than 10 fl. oz. (0.012 lb ai)/A on small trees.

## **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

### **Pesticide Storage**

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

### **Pesticide Disposal**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. 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 Disposal**

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  $\frac{1}{4}$  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 if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## **LIMITED WARRANTY AND DISCLAIMER**

Tide International USA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below.

Our directions for use of this product are based upon tests believed to be reliable. The use of this product being beyond control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such use or the results to be obtained if not used in accordance with printed directions and established safe practice. To the extent consistent with applicable law, buyer's exclusive remedy and manufacturer's or seller's exclusive liability for any and all claims, losses, damages or injuries resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort or otherwise shall be limited, at the manufacturer's option to replacement of, or the repayment of the purchase price for, the quantity of product with respect to which damages are claimed.

### **Inherent Risks of Use**

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Tide International USA or the seller. All such risks shall be assumed by buyer.

### **Terms and Conditions of Use**

If terms of the Limited Warranty & Disclaimer and Inherent Risks of Use are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer and Inherent Risks of Use.

Bravo® and Weather Stik® are registered trademarks of a Syngenta Group Company.

Timectin™ is a trademark of Tide International USA, Inc.

OROCIT®, VINTRE® and CITRI-KING® are registered trademarks of ORO AGRI Inc.

[EPA APPROVAL DATE]