



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

84229-62

Date of Issuance:

4/18/24

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Timectin Xtra 3 EC

Name and Address of Registrant (include ZIP Code):

Tide International USA, Inc.
c/o Pyxis Regulatory Consulting, Inc.
4110 136th St Ct NW
Gig Harbor, WA 98332

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.


On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Continues page 2

Signature of Approving Official:  Melissa Bridges, Product Manager 07 IVB3, Registration Division (7505T)	Date: 4/18/24
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EPA Form 8570-6

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 84229-62.”
3. Submit one copy of the final printed label for the record before you release the product for shipment.

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 FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 03/19/2024
- Alternate CSF 1 dated 03/19/2024

If you have any questions, please contact Joseph Belsky at 202-566-2495 or at belsky.joseph@epa.gov.

Enclosure

Apr 18, 2024

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 84229-62

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

[Note to reviewer: {Text} in braces denotes where in the final label text will appear].

RESTRICTED USE PESTICIDE

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

ABAMECTIN GROUP 6 INSECTICIDE

Timectin Xtra 3 EC

MITICIDE/INSECTICIDE

ACTIVE INGREDIENT:

Abamectin: 3.74%

OTHER INGREDIENTS: 96.26%

TOTAL: 100.00%

Contains 0.3 lb abamectin 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	
IF SWALLOWED:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.
IF INHALED:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor immediately for treatment advice.
<p>Note to physician: Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness), and muscle tremors. Toxicity following accidental ingestion of the Timectin Xtra 3 EC can be minimized by promptly administering 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 parenteral fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and 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.</p>	

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this pesticide product, including health concerns, medical emergencies, or pesticide incidents, you may call **CHEMTREC**® at **1-800-424-9300**, 24 hours per day, 7 days per week.

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

EPA Reg. No. 84229-xx

EPA Est. No. _____

NET CONTENTS:

Tide International, USA, Inc.
21 Hubble
Irvine, CA 92618

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING/AVISO:

May be fatal if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils
- For overhead exposure wear chemical resistant headgear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into 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 must comply with the directions 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 forecasted to occur within 48 hours.

PHYSICAL OR CHEMICAL HAZARDS

This product is reactive toward and should be stored away from strong oxidants.

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.

- Do not apply Timectin Xtra 3 EC by aerial application equipment in New York State.
- Do not apply in greenhouses in New York State.

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 of barrier laminate or butyl rubber \geq 14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

RESISTANCE MANAGEMENT

For resistance management, Timectin Xtra 3 EC contains a Group 6 insecticide/acaricide. Any insect/mite population may contain individuals naturally resistant to Timectin Xtra 3 EC 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 Xtra 3 EC 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 or premixes 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 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 insecticides/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 resistant pest problems in your area.
- For further information or to report suspected resistance, contact your Tide International, USA, retailer, representative, or call 949-679-3535.

FAILURE TO STRICTLY FOLLOW THE DIRECTIONS FOR USE AND RESTRICTIONS ON THIS LABEL CAN RESULT IN INJURY TO CROPS, INEFFECTIVE PEST CONTROL, AND/OR ILLEGAL RESIDUES.

PRODUCT INFORMATION

When applied to crops in accordance with the **DIRECTIONS FOR USE**, Timectin Xtra 3 EC, a microemulsion, effectively controls mites and other insects specified on this label. Thorough coverage is essential for effective insect and mite control.

Timectin Xtra 3 EC offers a wide margin of safety when applied to a variety of crops. Timectin Xtra 3 EC is also compatible with other commonly used pesticides, nutritional sprays, and adjuvants. To avoid illegal crop residues, Timectin Xtra 3 EC **must always** be mixed with a non-phytotoxic, non-ionic activator type wetting, spreading and/or penetrating spray adjuvant or horticultural oil (not a dormant oil). Non-ionic activator type wetting, spreading and/or penetrating spray adjuvants include nonionic surfactants (NIS) with at least 75% surface active agent and crop oil concentrates (COC), vegetable oil concentrates (VOC), methylated seed/vegetable oils (MSO) and organosilicones (OS) with at least 15% emulsifiers/surfactants and include blends of these non-ionic activator type spray adjuvants.

Additionally, performance may also be enhanced by mixing Timectin Xtra 3 EC with a non-phytotoxic non-ionic adjuvant type wetting, spreading and/or penetrating adjuvant or horticultural spray oil (not a dormant oil) approved for use on crops listed due to their spreading and penetrating properties to maximize leaf uptake improving efficacy and/or residual control.

See Directions for Use for specific adjuvant recommendations. Spray adjuvants must be compatible with Timectin Xtra 3 EC and must be used at concentrations specified on the **spray adjuvant product label** directions for use for the targeted crop unless more specific directions are provided in the **Directions for Use** for individual crops on this label.

Pretest use of this product for physical compatibility and lack of phytotoxic effect when using any proposed mixtures with Timectin Xtra 3 EC.

Do not use binder or sticker type adjuvants because these type adjuvants may reduce translaminar movement of the active ingredient into the plant.

Use of an adjuvant that meets the standards of the Chemical Producers and Distributors Association (CPDA) adjuvant certification program is recommended. Do not use binder or sticker type adjuvants as they may reduce performance of Timectin Xtra 3 EC. For tree crops, use of narrow range horticultural oil is recommended with Timectin Xtra 3 EC to improve penetration, translaminar movement, and residual effect of the active compound.

CHEMIGATION

For Onion, Bulb, Onion, Green, and Tuberous and Corm (suppression of thrips)

Sprinkler Irrigation Application Only

Apply Timectin Xtra 3 EC at rates and timing described elsewhere in this label. As local recommendations differ, consult your local State Extension Service or other local experts for recommendations on adjuvant or diluent types, rates, and mixing instructions. These recommendations should be proven, through university and extension field trials, to be effective with Timectin Xtra 3 EC applied by chemigation. Check the irrigation system to ensure uniform application of water to all areas. Thorough coverage of foliage is required for good control. Good agitation in the pesticide supply tank should be maintained prior to and during the entire application period.

Apply by injecting the recommended rate of Timectin Xtra 3 EC into the irrigation system using a metering device that will introduce a constant flow and by distributing the product to the target area in 0.1 acre-inch of water. In general, use the least amount of water required for proper distribution and coverage. It is recommended that the product be injected into the main irrigation line ahead of a right angle turn in the line to ensure adequate dispersion or mixing in the irrigation water. Once the application is completed, flush the entire irrigation and injection system with clean water before stopping the system.

In addition to the above recommendations, if application is being made during a normal irrigation set of a stationary sprinkler, the recommended rate of Timectin Xtra 3 EC for the area covered should be injected into the system only during the end of the irrigation set for sufficient time to provide adequate coverage and product distribution.

Do not apply Timectin Xtra 3 EC through an irrigation system connected to a public water system unless the pesticide label prescribed safety devices for public water systems are in place. Public water system means a system for the provision to the public of piped water for human consumption, if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Use Precautions - Sprinkler Irrigation Applications

Apply Timectin Xtra 3 EC only through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have any questions about calibration, you should contact State Extension Service Specialists, equipment manufacturers, or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check-valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back-flow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and are capable of being fitted with a system interlock. Any alternatives to the above required safety devices must conform to the list of EPA-approved alternative devices. Do not apply when wind speed favors drift beyond the area intended for treatment or non-uniform distribution of treated water.

Do not apply through chemigation systems connected to public water systems.

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 the 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.

CROP USE INSTRUCTIONS

AVOCADO

For controlling avocado thrips and perseá mite.

Apply Timectin Xtra 3 EC using ground or aerial application equipment. Aerial application is permitted; however, aerial application is not the preferred method of application for the best control of thrips. Spray coverage and the resulting control of thrips when applied by air is less than with ground application. The user accepts all liability for the level and duration of control of thrips when Timectin Xtra 3 EC is aerially applied. When applying by ground, use a minimum of 100 gallons of water per acre and when applying by air, use a minimum of 50 gallons of water per acre. Spray volume will vary with the size and number of trees per acre and foliage density. Assure thorough coverage to attain mite and insect control. To avoid illegal crop residues, Timectin Xtra 3 EC **must always** be mixed

with a non-phytotoxic, non-ionic activator type wetting, spreading and/or penetrating spray adjuvant or horticultural oil (not a dormant oil). Application with a horticultural spray oil (not a dormant oil) is recommended for best efficacy and performance.

Pests	Rate of Timectin Xtra 3 EC fl oz/A	Thrips Infestation level**	Number of immature thrips per leaf/fruit
Avocado Thrips (<i>Scirtothrips perseae</i>)	5.0 - 10.0 plus a horticultural spray oil*	Low	1 - 2
		Moderate	3 - 4
		Severe	More than 5
Persea mite (<i>Oligonychus perseae</i>)			

*Not a dormant oil

Avocado Thrips: Apply when immature thrips are first observed but before numbers exceed 5 immature thrips per leaf/fruit.

**Use 5 - 7.5 fl oz of product/A for low to moderate infestations and 7.5 - 10 fl oz of product/A for severe infestations. Add a 1.0% - 4.0% NR (narrow range) 415 oil approved for use on avocados.

Make a second application, if needed, to maintain control, but wait at least 30 days after the first application to retreat (see **Use Restrictions**).

For Ground Application: If spray volume is greater than 400 gals/A, apply Timectin Xtra 3 EC at a rate of 1.25 fl oz per 100 gals of water plus 1.0% - 4.0% of a NR415 oil approved for use on avocados. Observe all restrictions on the oil label to prevent crop injury. Treat a small test area before making a large scale application when using oil concentrations above 2.0%.

Use Restrictions - Avocado

- Do not apply within 14 days of harvest (PHI).
- Do not apply less than 5 fl oz of Timectin Xtra 3 EC /A (0.012 lb ai/A) per application.
- Do not apply more than 10 fl oz/A of Timectin Xtra 3 EC (0.023 lb ai/A) per application.
- Do not retreat within 30 days of the first application.
- Do not make more than 2 applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Do not apply more than 20 fl oz/A of Timectin Xtra 3 EC or 0.047 lb/A of abamectin via any foliar applied product per calendar year.
- Do not allow livestock to graze in treated orchards.

CELERIAC (*Apium graveolens*)

For controlling two-spotted spider mites.

Apply Timectin Xtra 3 EC when mites first appear and repeat as necessary to maintain control (see **Use Restrictions**).

Use conventional dilute or concentrate ground sprayers with enough water to provide thorough coverage of the foliage. Inadequate foliage coverage could result in reduced control. To avoid illegal residues and for best efficacy, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent.

Pests	Timectin Xtra 3 EC fl oz/A
Two-spotted spider mites	8.0

Use Restrictions - Celeriac

- Do not apply within 7 days of harvest (PHI).
- Do not apply aerially.
- Do not apply in less than 20 gallons of water per acre.
- Do not apply at intervals of less than 7 days.
- Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not exceed 24 fl oz/A (0.056 lb ai/A) of Timectin Xtra 3 EC after transplanting. Do not apply more than 24 fl oz/A of Timectin Xtra 3 EC or 0.056 lb/A of abamectin via any foliar applied product per calendar year.

- For resistance management, do not exceed 2 applications sequentially of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin.

CITRUS FRUIT CROP GROUP 10-10

Australian desert lime; Australian finger-lime; Australian round lime; Brown River finger lime, Calamondin; Citron; Citrus hybrids; Grapefruit; Japanese summer grapefruit; Kumquat; Lemon; Lime; Mandarin (tangerine); Mediterranean mandarin; Mount White lime; New Guinea wild lime; Russell River lime; Sour orange; Sweet orange; Pummelo; Satsuma mandarin, sweet lime; tachibana orange; Tahiti lime; tangelo; tangor; trifoliolate orange; uniq fruit; cultivars, varieties, and/or hybrids of these.

Aerial Application - Citrus Leafminer only:

- Aerial application is permitted **only** for control of citrus leafminer.
- Do not apply with aircraft to citrus in California

Ground Application

- Apply Timectin Xtra 3 EC using conventional dilute or concentrate ground sprayers with enough water to provide thorough coverage (or outside coverage to control Asian citrus psyllid, citrus thrips, and citrus leafminers).
- Spray volume varies with the number and size of trees per acre, and also with foliage density. For good pest control, ensure thorough coverage.

For controlling citrus rust mites, broad mites, two-spotted spider mites, citrus bud mites, Asian citrus psyllid, citrus leafminers, and citrus thrips.

Mites (other than citrus bud mites): Apply Timectin Xtra 3 EC when mites initially appear in the spring, summer, and/or fall months.

Citrus Bud Mites: Best results can be attained when Timectin Xtra 3 EC is applied at "bud swell."

Asian Citrus Psyllid: Apply Timectin Xtra 3 EC to protect new growth during the spring, summer, or fall months but will only control adult and nymphs present at the time of application. For aerial application, use a minimum of 10 gallons of finished spray volume per acre. Under conditions such as high pest populations, dense foliage, adverse application conditions (i.e., high temperatures) use a greater volume of water to ensure adequate coverage.

Citrus Leafminers: Apply Timectin Xtra 3 EC to protect new growth during the spring, summer, or fall months. Ground or aerial application is permitted in all citrus areas. NOTE: Aerial application is not approved in California. For aerial application, use a minimum of 10 gallons of finished spray volume per acre. Under conditions such as high pest populations, dense foliage, adverse application conditions (i.e., high temperatures) use a greater volume of water to ensure adequate coverage.

Citrus Thrips: Each application of Timectin Xtra 3 EC only controls the current generation. Therefore, applications must be timed when economic thresholds have been reached—after eggs have begun to hatch, preferably at early to mid-hatch.

To avoid illegal crop residues, Timectin Xtra 3 EC **must always** be mixed with a non-phytotoxic, non-ionic activator type wetting, spreading and/or penetrating spray adjuvant or horticultural oil (not a dormant oil). Apply Timectin Xtra 3 EC using conventional dilute or concentrate ground sprayers with enough water to provide thorough coverage (or outside coverage to control Asian citrus psyllid, citrus thrips, and citrus leafminers). Spray volume varies with the number and size of trees per acre, and also with foliage density. For good pest control, ensure thorough coverage.

Unless specified differently below, application of Timectin Xtra 3 EC with at least 1.6 pt Horticultural Spray Oil (not a dormant oil)/100 gals finished spray (i.e., 0.2% of finished spray) for dilute sprays or at least 1.0 gallon of Horticultural Spray Oil per acre in concentrate sprays is recommended for best efficacy and performance.

Pests	Dilute Sprays ¹	Concentrate Sprays ²
	Timectin Xtra 3 EC fl oz/100 gals	Timectin Xtra 3 EC fl oz/A
Citrus rust mite	0.25 - 1.0	2.5 - 10 ³
Broad mite	0.5 - 1.0	5 - 10 ³
Two-spotted spider mite	0.5 - 1.0	5 - 10
Citrus bud mite	0.5 - 1.0	5 - 10 ⁴
Asian Citrus Psyllid	---	5 - 10 ³
Citrus leafminer	---	2.5 - 10 ³
Citrus thrips	---	5 - 10 ⁵
	<i>Plus at least 1.6 pt Horticultural Spray Oil*/100 gals (i.e., 0.2% of finished spray)</i>	<i>Plus at least 1 gal Horticultural Spray Oil*/A</i>
*Not a dormant oil		
¹ The rate of Timectin Xtra 3 EC per 100 gals is based on a volume of 1,000 gals/A dilute spray. ² For concentrate sprays, the dosage must be adjusted to apply an amount of product per acre equal to the amount required for full cover dilute sprays. ³ For ground application, use 150 - 300 gals/A of spray mix with a minimum of 3 gals /A of horticultural spray oil and apply at a ground speed of 1 to 1.5 MPH. ⁴ Use at least 500 gals of spray mix per acre with at least 0.5% Horticultural Spray Oil. ⁵ Use 100-250 gals of spray mix/A applied to achieve outside coverage.		

Use Restrictions - Citrus Fruit Crop Group

- Do not apply within 7 days of harvest (PHI).
- Aerial application is permitted only for control of citrus leafminer.
- All other pests: Ground application only. Do not apply by air.
- Aerial application to citrus is not approved in California.
- Always apply Timectin Xtra 3 EC with Horticultural Spray Oil (not a dormant oil) as directed.
- Do not apply Timectin Xtra 3 EC or any other foliarly applied product containing abamectin within 30 days of the last treatment.
- Do not apply more than 20 fl oz/A of Timectin Xtra 3 EC or 0.047 lb/A of abamectin via any foliar applied product per calendar year.
- Do not make more than 3 applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Do not allow livestock to graze in treated orchards.
- For resistance management, do not apply Timectin Xtra 3 EC in citrus nurseries.
- Do not apply Timectin Xtra 3 EC by aerial application equipment on citrus in the states of California and New York.

COTTON

For control of two-spotted spider mites, carmine spider mites, Pacific spider mites, and strawberry spider mites.

Apply when mites first appear. Aerial or ground applications are permitted. Thorough coverage of the crop is essential; for best coverage and control, apply Timectin Xtra 3 EC with ground application equipment. Mix with sufficient volume of water to ensure thorough coverage but do not apply in less than 5 gallons of water per acre. The use rate depends on the size of the plant and the density of the foliage. Repeat applications as necessary (see **Use Restrictions**).

To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent. This additionally improves mite control, wetting of foliage and smooths out spray deposits. Do not use binder or sticker-type surfactants.

Pests	Timing	Timectin Xtra 3 EC fl oz/A
Two spotted spider mite Carmine spider mite Pacific spider mite Strawberry spider mite	Early season (crop less than 10 inches) Crop taller than 10 inches when mites first appear	2.0- 3.0 4.0 - 8.0

For early-season applications, do not use less than 2 fl oz of Timectin Xtra 3 EC /A. **West of the Rockies:** the lower use rates can only be used on cotton that is no more than 10 inches tall and on applications that are made with ground equipment only.

Use Restrictions - Cotton

- Do not apply within 20 days of harvest (PHI).
- Do not apply more than 2 applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 16 fl oz/A of Timectin Xtra 3 EC or 0.038 lb/A of abamectin via any foliar applied product per calendar year.
- Do not apply at intervals of less than 21 days.
- Do not feed or allow livestock to graze treated cotton.

CUCURBIT VEGETABLES CROP GROUP 9

Chayote (fruit); Chinese waxgourd; Citron Melon; Cucumber; Gherkin; Edible Gourds (*Lagenaria* spp including hyotan, cucuzza; *Luffa acutangula*, *L. cylindrica* spp including hechima, Chinese okra); *Momordica* spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); Muskmelon (hybrids and cultivars of *Cucumis melo* includes true cantaloupe, cantaloupe, casaba, Crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon); Pumpkin; Summer Squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini); Winter Squash (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); and Watermelon (includes hybrids and/or varieties of *Citrullus lanatus*).

For controlling leafminers and spider mites.

Apply Timectin Xtra 3 EC when adult leafminer flies or spider mites are initially seen. Repeat applications when needed to maintain control (see **Use Restrictions**). When low to moderate infestations are present, use 4 fl oz/A ; for severe infestations, use 8 fl oz/A.

Apply as a foliar spray in at least 20 gallons of water per acre by ground or in at least 5 gallons per acre by air. For best control, apply Timectin Xtra 3 EC with ground application equipment. With aerial application, the resulting control of leafminers and spider mites could be less than with ground application. Under conditions such as high pest populations, dense or rank foliage, high temperatures or other such adverse application situations, use a greater water volume to ensure adequate coverage. For best results, ensure that good upper and lower leaf coverage is attained.

To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent. This additionally improves insect and mite control, wetting of foliage and smooths out spray deposits. Do not use binder or sticker-type surfactants.

Pests	Timectin Xtra 3 EC fl oz/A
Spider mites Leafminers	4.0 - 8.0

Use Restrictions - Cucurbit Vegetables Crop Group

- Do not apply within 7 days of harvest (PHI).
- Do not apply in less than 20 gallons of water per acre by ground or in less than 5 gallons per acre by aircraft.
- Do not apply at intervals of less than 7 days.
- Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 24 fl oz/A of Timectin Xtra 3 EC or 0.056 lb/A of abamectin via any foliar applied product per calendar year.
- For resistance management, do not exceed 2 sequential applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin.
- Do not apply Timectin Xtra 3 EC by aerial application equipment in New York State.

DRY BEANS

Cicer arietinum - Chickpea, Garbanzo bean

Lupinus spp. - Sweet lupine, White sweet lupine, White lupine and Grain lupine

Phaseolus spp. - Kidney bean, Lima bean, Navy bean, Pinto bean, Snap bean and Waxbean

Vicia faba - Broad bean and Fava bean

Vigna spp. - 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

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

For controlling *Liriomyza* leafminers and spider mites.

Apply Timectin Xtra 3 EC when adult leafminer flies or spider mites are initially seen. Repeat applications when needed to maintain control (see **Use Restrictions**). When low to moderate infestations are present, use 4.0 fl oz/A; for severe infestations, use 8.0 fl oz/A.

Apply as a foliar spray in at least 20 gallons of water per acre by ground or in at least 5 gallons per acre by air. For best control, apply Timectin Xtra 3 EC with ground application equipment. With aerial application, the resulting control of leafminers and spider mites could be less than with ground application. Under conditions such as high pest populations, dense or rank foliage, high temperatures or other such adverse application situations, use a greater water volume to ensure adequate coverage. For best results, ensure that good upper and lower leaf coverage is attained.

To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent. This additionally improves insect and mite control, wetting of foliage and smooths out spray deposits. Do not use binder or sticker-type surfactants.

Pests	Timectin Xtra 3 EC fl oz/A
Spider mites <i>Liriomyza</i> leafminers	4.0 - 8.0

Use Restrictions - Dry Beans

- Do not apply within 7 days of harvest (PHI).
- Do not apply in less than 20 gallons of water per acre by ground or in less than 5 gallons per acre by aircraft.
- Do not apply at intervals of less than 7 days.
- Do not apply more than 8.0 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 24 fl oz/A of Timectin Xtra 3 EC or 0.056 lb/A of abamectin via any foliar applied product per calendar year.
- For resistance management, do not exceed 2 sequential applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin.
- Do not apply Timectin Xtra 3 EC by aerial application equipment in New York State.

FRUITING VEGETABLES CROP GROUP 8-10 (EXCEPT CUCURBITS)

African eggplant; bush tomato; bell pepper; cocona; currant tomato; eggplant; garden huckleberry; goji berry; groundcherry; martynia; naranjilla; okra; pea eggplant; pepino; nonbell pepper; roselle; scarlet eggplant; sunberry; tomatillo; tomato; tree tomato; cultivars, varieties, and/or hybrids of these

For controlling Tomato pinworm, Broad mite, *Liriomyza* leafminers, Colorado potato beetle, Spider mites, *Thrips palmi*, Tomato russet mite, and Tomato psyllid.

Broad, russet, and spider mites: Apply when mites first appear.

***Thrips palmi*:** Apply when thrips are first observed.

Tomato pinworm: Application can be made from the time moth activity is detected up to, but no later than the time when newly emerged larvae are present.

Mites, leafminers, *Thrips palmi*, and Colorado potato beetle: Use 4 fl oz/A for low to moderate infestations and 8 fl oz/A for severe infestations.

Apply as a foliar spray in at least 20 gallons of water per acre by ground or in at least 5 gallons per acre by air. For best control, apply Timectin Xtra 3 EC with ground application equipment. With aerial application, the resulting control of leafminers and spider mites could be less than with ground application. Under conditions such as high pest populations, dense or rank foliage, high temperatures or other such adverse application situations, use a greater water volume to ensure adequate coverage. For best results, ensure thorough coverage of the crop canopy. For this reason, the user accepts all liability for the level and duration of control of mites when Timectin Xtra 3 EC is aerially applied.

Repeat application as necessary to maintain control (see **Use Restrictions**).

To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent. This additionally improves insect and mite control, wetting of foliage and smooths out spray deposits. Do not use binder or sticker-type surfactants.

Pests	Timectin Xtra 3 EC fl oz/A
Broad mite Colorado potato beetle <i>Liriomyza</i> leafminers Spider mites <i>Thrips palmi</i> Tomato psyllid Tomato Russet mite	4.0 - 8.0
Tomato pinworm	8.0

Use Restrictions - Fruiting Vegetables Crop Group (Except Cucurbits)

- Do not apply within 7 days of harvest (PHI).
- For resistance management, do not use on fruiting vegetables grown for transplanting.
- Wait at least 7 days before repeating application.
- Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not make more than 2 sequential applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin.
- Do not apply more than 24 fl oz/A of Timectin Xtra 3 EC or 0.056 lb/A of abamectin via any foliar applied product per calendar year.
- Do not apply Timectin Xtra 3 EC by aerial application equipment in New York State.

Commercially Grown Greenhouse Tomatoes Only

For controlling Tomato pinworm, *Liriomyza* leafminers, Spider mites, *Thrips palmi*, Tomato russet mite, and Tomato psyllid

Pests	Timectin Xtra 3 EC fl oz/A
<i>Liriomyza</i> leafminers Spider mites <i>Thrips palmi</i> Tomato psyllid Tomato Russet mite	4.0 - 8.0
Tomato pinworm	8.0

Use Restrictions - Commercially Grown Greenhouse Tomatoes Only

- Do not apply within 1 day of harvest (PHI).
- For resistance management, do not make more than 2 sequential applications of Timectin Xtra 3 EC or any other foliar-applied abamectin containing product.
- Wait at least 7 days before repeating application.
- Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 24 fl oz/A of Timectin Xtra 3 EC or 0.056 lb/A of abamectin via any foliar applied product per calendar year.
- Not for use in nurseries, plant propagation houses, or greenhouses by commercial transplant producers of plants being grown for transplanting.
- Not for greenhouse use in New York State

GRAPES AND SMALL FRUIT VINE CLIMBING CROP SUBGROUP 13-07F (EXCEPT FUZZY KIWIFRUIT)

Amur river grape; gooseberry; grape; hardy kiwifruit, Maypop; schisandra berry; cultivars varieties, and/or hybrids of these.

For controlling two-spotted spider mites, Pacific spider mites, Willamette spider mites, Western grapeleaf skeletonizers, European Red mite and for contact knock-down of Variegated leafhopper and Western grape leafhoppers.**

Spider mites: Apply with a non-ionic surfactant when mites initially appear, but before the number of motiles exceeds 5 perleaf. For low to moderate infestations, use 4 fl oz/A; for severe infestations, use 8 fl oz/A.

Western grapeleaf skeletonizer: Apply Timectin Xtra 3 EC with a non-ionic surfactant when the larvae are initially seen. For best results, apply Timectin Xtra 3 EC shortly after eggs hatch. For low to moderate infestations, use 4 fl oz/A; for severe infestations, use 8 fl oz/A.

Western grape leafhoppers and variegated leafhoppers: For contact knock-down control of these pests, apply Timectin Xtra 3 EC with a non-ionic surfactant when pest first appears. For low to moderate infestations, use 4 fl oz/A; for severe infestations, use 8 fl oz/A.

Use conventional ground sprayers only with enough water to provide thorough coverage. For good pest control, thorough coverage is essential. To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic surfactant which also improves wetting of foliage and spreads out spray deposits. To maximize coverage, Timectin Xtra 3 EC must be applied to both sides of each row. Do not use alternate row treatments.

Pests	Timectin Xtra 3 EC fl oz/A
Two-spotted spider mite Pacific spider mite Willamette spider mite Western grapeleaf skeletonizer Western grape leafhopper* Variegated leafhopper* European Red mite**	4.0 - 8.0
* Timectin Xtra 3 EC only provides contact knock-down control of this pest. **Not for use in California	

Use Restrictions - Grapes

- Do not apply within 28 days of harvest (PHI).
- Do not apply aerially.
- Do not apply in less than 50 gallons of water per acre except when using an electrostatic sprayer; do not use less than 5gallons of water per acre with this type of spray equipment.
- Do not reapply within 21 days of first application.
- Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 16 fl oz/A of Timectin Xtra 3 EC or 0.038 lb/A of abamectin via any foliar applied product per calendar year.
- Do not exceed two applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Do not allow livestock to graze in treated vineyards.

GUAVA (Not for use in California)

Crops in this group are: guava, feijoa, jaboticaba, wax jambu, starfruit, passionfruit, acerola

For controlling Two-spotted spider mite:

Thorough spray coverage is essential for good mite and insect control. Spray gallonage may vary depending on size and number of trees per acre as well as density of foliage.

Ground Application: Apply using conventional ground application sprayers calibrated to deliver sufficient water for thorough coverage. To avoid illegal residues, use 150-300 gal/A of spray mix with 1 - 3 gal/A of horticultural spray oil (not dormant oil) and apply at a ground speed of 1 - 1.5 MPH. Do not use binder or sticker type adjuvants.

Pests	Timectin Xtra 3 EC fl oz/A
Two-spotted spider mite	5.0 - 10.0*

*Use 5 - 8 fl oz/A for moderate infestations and 10 fl oz of product/A for severe infestations.

Apply when mites first appear during spring, summer, and/or fall.

Use Restrictions - Guava

- Do not apply within 7 days of harvest (PHI)
- Do not apply aerially.
- Do not apply in less than 50 gallons of water per acre except when using an electrostatic sprayer; do not use less than 5gallons of water per acre with this type of spray equipment.
- Do not reapply within 14 days of first application.
- Do not apply more than 10 fl oz/A (0.023 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 30 fl oz/A of Timectin Xtra 3 EC or 0.070 lb/A of abamectin via any foliar applied product per calendar year.

- Do not exceed three applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Do not allow livestock to graze in treated orchards.
- Not for use in California

HERB CROP SUBGROUP 19A

Angelica; balm; basil; borage; burnet; chamomile; catnip; chervil (dried); chives; chives (Chinese); clary; coriander (leaf); cilantro (leaf); costmary; culantro (leaf); curry (leaf); cill weed; 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; and wormwood.

For controlling *Liriomyza* leafminers and Spider mites.

Apply using conventional ground sprayers only in a minimum of 20 gallons of water per acre. Apply as a foliar spray providing thorough coverage of the upper and lower leaf surfaces. Use the lower rate for low to moderate infestations and the higher rate for severe infestations. Apply when adult flies are first observed and repeat application as necessary to maintain control (see **Use Restrictions**).

To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent. This additionally improves the wetting of foliage and smooths out spray deposits.

Pest	Timectin Xtra 3 EC fl oz/A
<i>Liriomyza</i> leafminers Spider mites	4.0 - 8.0

Use Restrictions - Herb Crop Subgroup 19A

- Do not apply within 14 days of harvest (PHI). For chives, do not apply within 7 days of harvest.
- Do not apply aerially.
- Do not reapply Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per application at less than 7 day intervals.
- Do not apply more than 8.0 fl oz/A (or 0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not make more than 2 applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per single cutting (harvest).
- Do not apply more than 24 fl oz/A of Timectin Xtra 3 EC or 0.056 lb/A of abamectin via any foliar applied product per calendar year.

HOPS (Not for use in California)

For controlling two-spotted spider mites.

Apply Timectin Xtra 3 EC when populations of two-spotted spider mites reach treatment thresholds. When hop vines are 6 - 8 feet tall, use 4 - 8 fl oz Timectin Xtra 3 EC per acre in at least 40 gallons of water using conventional ground equipment only. When hop vines exceed 8 feet in height, use 8 fl oz Timectin Xtra 3 EC per acre in at least 100 gallons of water.

Mix with water as specified then apply with ground equipment as a foliar spray to obtain good upper and lower leaf coverage. Spray volume can vary with plant size and density of foliage. To control two-spotted mites, thorough coverage of foliage is essential. When using concentrate sprays, the volume of water is reduced, but the amount per acre of Timectin Xtra 3 EC remains the same as that of dilute sprays. To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent. This additionally improves wetting of foliage and smooths out spray deposits.

Pests	Timectin Xtra 3 EC fl oz/A
Two-spotted spider mite	4.0 - 8.0

Use Restrictions - Hops

- Do not apply within 28 days of harvest (PHI).
- Do not apply aerially.
- Do not exceed 2 applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year. Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 16 fl oz/A of Timectin Xtra 3 EC or 0.038 lb/A of abamectin via any foliar applied product per calendar year.
- Do not allow livestock to graze in treated hop yards.
- Do not retreat with an abamectin product within 21 days of the initial application and then only after treatment with an alternative miticide with a different mode of action.
- Not for use in California.

LEAFY VEGETABLE CROP GROUP 4 (EXCEPT BRASSICA VEGETABLES)

Amaranth (leafy Amaranth, Chinese spinach, tampala) (*Amaranthus* spp.); arugula (Roquette) (*Eruca sativa*); cardoon (*Cynara cardunculus*); celery (*Apium graveolens* var. *dulce*); celery, Chinese (*Apium graveolens* var. *secalinum*); celtuce (*Lactuca sativa* var. *angustana*); chervil (*Anthriscus cerefolium*); chrysanthemum, edible-leaved (*Chrysanthemum coronarium* var. *coronarium*); chrysanthemum, garland (*Chrysanthemum coronarium* var. *spatiosum*); corn salad (*Valerianella locusta*); cress, garden (*Lepidium sativum*); cress, upland (yellow rocket, winter cress) (*Barbarea vulgaris*); dandelion (*Taraxacum officinale*); dock (sorrel) (*Rumex* spp.); endive (escarole) (*Cichorium endivia*); fennel, Florence (finocchio) (*Foeniculum vulgare* Azoricum Group); lettuce, head and leaf (*Lactuca sativa*); orach (*Atriplex hortensis*); parsley (*Petroselinum crispum*); purslane, garden (*Portulaca oleracea*); purslane, winter (*Montia perfoliate*); radicchio (red chicory) (*Cichorium intybus*); rhubarb (*Rheum rhabarbarum*); spinach (*Spinacia oleracea*); spinach, New Zealand (*Tetragonia tetragonioides. T. expansa*); spinach, vine (Malabar spinach, Indian spinach) (*Basella alba*); and swiss chard (*Beta vulgaris* var. *cicla*).

For controlling carmine spider mite, *Liriomyza* leafminers, and two-spotted spider mite.

Leafminers: Apply when adult flies are first observed and repeat applications as needed to maintain control (see **Use Restrictions**).

Spider mites: Apply when mites first appear and repeat as needed to maintain control (see **Use Restrictions**).

Apply as a foliar spray in at least 20 gallons of water per acre by ground or in at least 5 gallons per acre by air. For best control, apply Timectin Xtra 3 EC with ground application equipment. With aerial application, the resulting control of leafminers and spider mites could be less than with ground application. Under conditions such as high pest populations, dense foliage, high temperatures, or other such adverse application situations, use a greater water volume to ensure adequate coverage. Thorough coverage of the crop canopy is essential. For this reason, the user accepts all liability for the level and duration of control of mites when Timectin Xtra 3 EC is aerially applied. Use the lower rates for low to moderate infestations and the higher rate for severe infestations.

To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent. This additionally improves insect and mite control, wetting of foliage and smooths out spray deposits. Do not use binder or sticker-type surfactants.

Pests	Timectin Xtra 3 EC fl oz/A
Carmine spider mite <i>Liriomyza</i> leafminers Two-spotted spider mite	4.0 - 8.0

Use Restrictions - Leafy Vegetable Crop Group (Except Brassica Vegetables)

- Do not apply within 7 days of harvest (PHI).
- For resistance management, do not use on leafy vegetables grown for transplanting.
- Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not make more than 2 sequential applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin.
- Do not reapply within 7 days of first application.
- Do not apply more than 24 fl oz/A of Timectin Xtra 3 EC or 0.056 lb/A of abamectin via any foliar applied product per calendar year.
- Do not apply Timectin Xtra 3 EC by aerial application equipment in New York State.

LYCHEE (Not for use in California)

CROPS IN THIS GROUP ARE: LYCHEE, LONGAN, SPANISH LIME, RAMBUTAN, PULASAN

For controlling Two-spotted spider mite, *Liriomyza* leafminers, and thrips

Thorough spray coverage is essential for good mite and insect control. Spray gallonage may vary depending on size and number of trees per acre as well as density of foliage.

Ground Application: Apply using conventional ground application sprayers calibrated to deliver sufficient water for thorough coverage. To avoid illegal residues, use 150-300 gal/A of spray mix with 1 - 3 gal/A of horticultural spray oil (not dormant oil) and apply at a ground speed of 1 - 1.5 MPH. Do not use binder or sticker type adjuvants.

Pests	Timectin Xtra 3 EC fl oz/A
Two-spotted spider mite <i>Liriomyza</i> leafminers Thrips	5.0 - 10.0*

*Use 5 - 8 fl oz/A for moderate infestations and 10 fl oz of product/A for severe infestations.

Mites: Apply when mites first appear during spring, summer, and/or fall.

Leafminers: Apply to protect new growth during spring, summer or fall.

Thrips: Applications targeted for thrips will only control the current generation and must be correctly timed. Apply when economic thresholds have been reached (after egg hatch has begun - preferably early to mid-hatch).

Use Restrictions - Lychee

- Do not apply within 14 days of harvest (PHI).
- Do not apply aerially.
- Do not apply in less than 50 gallons of water per acre except when using an electrostatic sprayer; do not use less than 5gallons of water per acre with this type of spray equipment.
- Do not reapply within 30 days of first application.
- Do not apply more than 10 fl oz/A (0.023 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 20 fl oz/A Timectin Xtra 3 EC or 0.047 lb/A of abamectin via any foliar applied product per calendar year.
- Do not exceed two applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Do not allow livestock to graze in treated orchards.
- Not for use in California.

MINT (PEPPERMINT AND SPEARMINT)
For controlling two-spotted spider mite

Apply as a foliar spray in at least 20 gallons of water per acre by ground or in at least 5 gallons per acre by air. Under conditions such as high pest populations, dense foliage, high temperatures, or other such adverse application situations, use a greater water volume to ensure adequate coverage. Thorough coverage of the crop canopy is essential. With aerial application, spray coverage and the resulting control of mites is less than when using ground application equipment. For this reason, the user accepts all liability for the level and duration of control of mites when Timectin Xtra 3 EC is aerially applied.

Use the lower rates for low to moderate infestations and the higher rate for severe infestations. To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent. This additionally improves wetting of foliage and smooths out spray deposits. To avoid crop injury, carefully follow the Directions for Use and Restrictions sections of the surfactant labels and/or official spray guides when using in the spray mixture.

Pest	Timectin Xtra 3 EC fl oz/A
Two-spotted spider mite	4.0 - 6.0

Use Restrictions - Mint (Peppermint and Spearmint)

- Do not apply within 28 days of harvest (PHI).
- Do not apply more than 6 fl oz/A (0.014 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 18 fl oz/A of Timectin Xtra 3 EC or 0.042 lb/A of abamectin via any foliar applied product per calendar year.
- Do not reapply within 7 days of first application.
- Do not make more than 2 sequential applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin.
- Do not apply more than 3 applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Do not allow livestock to graze or feed treated foliage to livestock.
- Do not apply Timectin Xtra 3 EC by aerial application equipment in New York State.

ONION, BULB CROP SUBGROUP 3-07A

Onion, bulb including daylily bulb; Fritillaria bulb; Garlic bulb; Garlic, great-headed bulb; Garlic, serpeant bulb; Lily bulb; Onion, Chinese bulb; Onion, pearl; Onion, potato bulb; Shallot, bulb; Cultivars, varieties and/or hybrids of these.

For controlling *Liriomyza* leafminers and thrips.

For leafminers, apply Timectin Xtra 3 EC when adult leafminer flies are initially seen and repeat applications as needed for control (see **Use Restrictions**). For thrips, apply Timectin Xtra 3 EC when thrips are at economic threshold and repeat applications when needed to maintain control (see **Use Restrictions**). When low to moderate infestations are present, use 4.0 fl oz/A; for severe infestations, use 8.0 fl oz/A.

Apply as a foliar spray in at least 20 gallons of water per acre by ground or in at least 5 gallons per acre by air. For best control, apply Timectin Xtra 3 EC with ground application equipment. Timectin Xtra 3 EC may be applied through overhead sprinkler chemigation for suppression of thrips. With aerial and chemigation applications, the resulting control of leafminers and thrips could be less than with ground application. Under conditions such as high pest populations, dense or rank foliage, high temperatures or other such adverse application situations, use a greater water volume to ensure adequate coverage. For best results, ensure that good upper and lower leaf coverage is attained.

To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading

and/or penetrating agent. This additionally improves insect and mite control, wetting of foliage and smooths out spray deposits. Do not use binder or sticker-type surfactants.

Pests	Timectin Xtra 3 EC fl oz/A
Thrips <i>Liriomyza</i> leafminers	4.0 - 8.0

Use Restrictions - Onion, Bulb Crop Subgroup 3-07A

- Do not apply within 30 days of harvest (PHI).
- Do not apply in less than 20 gallons of water per acre by ground or in less than 5 gallons per acre by aircraft.
- Do not apply at intervals of less than 7 days.
- Do not apply more than 8.0 fl oz/A (or 0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 24.0 fl oz/A of Timectin Xtra 3 EC or 0.056 lb/A of abamectin via any foliar applied product per calendar year.
- Make 2 consecutive applications of Timectin Xtra 3 EC, 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 Xtra 3 EC applications. For resistance management, do not exceed 2 sequential applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin.
- Do not apply Timectin Xtra 3 EC by aerial application equipment in New York State.

ONION, GREEN CROP SUBGROUP 3-07B

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.

For controlling *Liriomyza* leafminers and thrips

Apply Timectin Xtra 3 EC with ground application equipment or aircraft. Timectin Xtra 3 EC may be applied through overhead sprinkler chemigation for suppression of thrips.

For best control, apply Timectin Xtra 3 EC with ground application equipment. Control of leafminers and thrips could be lower with aerial and chemigation applications than with ground application.

To avoid illegal residues and for best performance, always use Timectin Xtra 3 EC with a non-ionic adjuvant. Do not use binder or sticker type adjuvants or products such as Bravo Weather Stik®.

Pests	Timectin Xtra 3 EC fl oz/A
<i>Liriomyza</i> leafminers Thrips	4.0 - 8.0*

*Use 4 - 6 fl oz/A for moderate infestations and 8 fl oz of product/A for severe infestations.

Leafminers: Apply when adult leafminer flies are first observed and repeat application, as needed, to maintain control (see **Use Restrictions**).

Thrips: Use in a thrips management program when thrips are at economic threshold. Repeat application to maintain control(see **Use Restrictions**). Do not use Timectin Xtra 3 EC as a rescue treatment for thrips control.

Use Restrictions - Onion, Green Crop Subgroup 3-07B

- Do not apply within 7 days of harvest (PHI).
- Aerial application is not approved in the States of New York or California.
- Do not apply in less than 20 gallons of water per acre with ground application equipment. Do not apply in less than 5 gallons of water/A with aircraft. Under conditions of high pest population, dense foliage, or adverse weather conditions(high temperatures), use greater water volume to ensure adequate coverage.

- Do not reapply within 7 days of first application.
- Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 32 fl oz/A of Timectin Xtra 3 EC or 0.075 lb/A of abamectin via any foliar applied product per calendar year.
- Do not make more than two sequential applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin. Rotate to a different mode of action and make at least 2 applications before making additional Timectin Xtra 3 EC applications.

PAPAYA (Not for use in California)

Crops in this group are: papaya, star apple, black sapote, sapodilla, canistel, mamey sapote

For controlling Two-spotted spider mite

Thorough spray coverage is essential for good mite and insect control. Spray gallonage may vary depending on size and number of trees per acre as well as density of foliage.

Ground Application: Apply using conventional ground application sprayers calibrated to deliver sufficient water for thorough coverage. To avoid illegal residues use 150-300 gal/A of spray mix with 1 - 3 gal/A of horticultural spray oil (not dormant oil) and apply at a ground speed of 1 - 1.5 MPH. Do not use binder or sticker type adjuvants.

Pests	Timectin Xtra 3 EC fl oz/A
Two-spotted spider mite	5.0 - 10.0*

*Use 5 - 8 fl oz/A for moderate infestations and 10 fl oz of product/A for severe infestations.

Mites: Apply when mites first appear during spring, summer, and/or fall.

Use Restrictions - Papaya

- Do not apply within 16 weeks of harvest (PHI).
- Do not apply aerially.
- Do not apply to mango.
- Do not apply in less than 50 gallons of water per acre except when using an electrostatic sprayer; do not use less than 5 gallons of water per acre with this type of spray equipment.
- Do not reapply within 14 days of first application.
- Do not apply more than 10 fl oz/A (0.023 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 30 fl oz/A of Timectin Xtra 3 EC or 0.070 lb/A of abamectin via any foliar applied product per calendar year.
- Do not exceed three applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Do not allow livestock to graze in treated orchards.
- Not for use in California.

PINEAPPLE (Not for use in California)

For controlling Two-spotted spider mite

Thorough spray coverage is essential for good mite and insect control. Spray gallonage may vary depending on size and number of plants per acre as well as density of foliage.

Ground Application: Apply using conventional ground application sprayers calibrated to deliver sufficient water for thorough coverage. To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent. This additionally improves pest control, wetting of foliage and smooths out spray deposits. Do not use binder or sticker type adjuvants.

Pests	Timectin Xtra 3 EC fl oz/A
Two-spotted spider mite	5.0 - 10.0*

*Use 5 - 8 fl oz/A for moderate infestations and 10 fl oz of product/A for severe infestations.

Mites: Apply when mites first appear during spring, summer, and/or fall.

Use Restrictions - Pineapple

- Do not apply within 16 weeks of harvest (PHI).
- Do not apply aerially.
- Do not apply in less than 50 gallons of water per acre except when using an electrostatic sprayer; do not use less than 5 gallons of water per acre with this type of spray equipment.
- Do not reapply within 7 days of first application.
- Do not apply more than 10 fl oz/A (0.023 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 20 fl oz/A of Timectin Xtra 3 EC or 0.047 lb/A of abamectin via any foliar applied product per calendar year.
- Do not exceed two applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Not for use in California.

POME FRUIT CROP GROUP 11-10

Apple, crabapple, loquat, mayhaw, medlar, pear, asian pear, quince (Chinese and Japanese), tejocote

For controlling European red mite, McDaniel spider mite, pear psylla, pear rust mite, two-spotted spider mite, yellow mite, tentiform leafminer, and white apple leafhopper

Thorough spray coverage is essential for good mite and insect control. Spray gallonage may vary depending on size and number of trees per acre as well as density of foliage.

Apply Timectin Xtra 3 EC when pest thresholds are reached. If necessary, make a second application after a minimum of 21 days to attain adequate control.

Ground Application: Apply using conventional ground application sprayers calibrated to deliver sufficient water for thorough coverage. To avoid illegal residues, use 150-300 gal/A of spray mix with 1 - 3 gal/A of horticultural spray oil (not dormant oil) and apply at a ground speed of 1 - 1.5 MPH. Do not use spray volumes less than 40 gal/A. Do not use binder or sticker type adjuvants.

Apply Timectin Xtra 3 EC using at least 1 qt Horticultural Spray Oil/100 gals (i.e., 0.25% of finished spray) in dilute sprays or with at least 1.0 gal of Horticultural Spray Oil per acre in concentrate sprays.

To avoid illegal residues Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent or Horticultural Spray Oil (not a dormant oil). Application as directed in combination with an Horticultural Spray Oil that has been approved for use on apples and or pears is recommended. If an adjuvant agent other than an Horticultural Spray Oil is used, reduced efficacy and/or reduced residual control could result.

Timectin Xtra 3 EC can cause injury to fruit of some apple varieties when used with Horticultural Spray Oils or when other products are sequentially applied. For example, russetting can occur on Golden Delicious and other light-skinned varieties. Users must carefully follow the **DIRECTIONS FOR USE** and **RESTRICTIONS** on the labels of Horticultural Spray Oils or those in official spray guides when using Timectin Xtra 3 EC in combination with Horticultural Spray Oils. For example, applications of Timectin Xtra 3 EC with horticultural spray oil less than 14 days before or after a Captan® or other sulfur-containing products can result in phytotoxicity or crop loss.

White Apple Leafhopper (Do not use west of Rocky Mountains): Only apply Timectin Xtra 3 EC to the first generation white apple leafhopper. Apply with a horticultural spray oil (not a dormant oil) soon after petal fall.

Spider Mites: Apply Timectin Xtra 3 EC before the population reaches 5 spider mites per leaf. Residual control is improved when spray deposits are on newer leaves (compared to older leaves). Limit applications to the period between petal fall through six weeks after petal fall.

Tentiform Leafminers: Apply Timectin Xtra 3 EC onto eggs to control new hatch and at early sap feeder stages of the first and second generations when leafminer populations reach locally established thresholds. Do not apply Timectin Xtra 3 EC during bloom stage.

Pests	Rate of Timectin Xtra 3 EC & Horticultural Spray Oil *	
	Dilute Sprays ¹	Concentrate Sprays ²
Two-spotted spider mite	1.25 - 2.5 fl oz Timectin Xtra 3 EC / 100 gals water use 1 qt. Horticultural Spray Oil*/100 gals (i.e., 0.25% of finished spray)	5 - 10 fl oz Timectin Xtra 3 EC /A
McDaniel spider mite		use at least 1.0 gal Horticultural Spray Oil*/A
European red mite		
Pear rust mite		
Yellow mite		
Pear psylla		
Tentiform leafminer		
White apple leafhopper		

*Not a dormant oil

¹ Rates per 100 gals are based on a volume of 400 gals/acre dilute spray.

² To determine the Timectin Xtra 3 EC rate per acre for concentrate sprays, it is necessary to first determine the amount needed for a full cover dilute spray. Use the same amount of product per acre in concentrate sprays as required for dilute sprays to the same grove/orchard. The result can be less than 5 fl oz/acre when used on smaller trees.

Use Restrictions - Pome fruit

- Do not apply within 28 days of harvest (PHI).
- Do not apply aerially.
- Do not apply Timectin Xtra 3 EC during bloom stage.
- Do not apply in less than 40 gallons of water per acre.
- Do not reapply within 21 days of first application.
- Do not apply more than 10 fl oz/A (0.023 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 20 fl oz/A of Timectin Xtra 3 EC or 0.047 lb/A of abamectin via any foliar applied product per calendar year.
- Do not exceed 2 applications per calendar year.
- Do not allow livestock to graze in treated orchards.

STONE FRUIT CROP GROUP CROP GROUP 12-12

Apricot; capulin; cherry (black, Nanking, sweet, tart); Chinese Jujube, Japanese Apricot, nectarine; peach; plum; plum (American, beach, Canada, cherry, Chickasaw, Damson, Japanese, Klamath), prune; plumcot; sloe; cultivars, varieties, and/or hybrids of these

For controlling European red mite, Pacific spider mite, and two-spotted spider mite.

Use conventional dilute or concentrate ground sprayers only with enough water to produce thorough coverage, but do not use less than 40 gallons of water per acre. Spray volume will vary with the size and number of trees per acre and foliage density. Assure thorough coverage to attain spider mite control.

Apply when mites first appear. A second application can be made, if needed, to maintain control (see **Use Restrictions**).

To avoid illegal residues, apply Timectin Xtra 3 EC in combination with a nonionic surfactant that spreads on and/or penetrates the leaf cuticle or apply with horticultural spray oil (not a dormant oil). To avoid crop injury, carefully follow the **DIRECTIONS FOR USE** and **RESTRICTIONS** sections of the surfactant or oil label(s) and/or official spray guides when using in the spray mixture. Application with a horticultural spray oil (not a dormant oil) is recommended for best efficacy and performance.

Pest	Rate of Timectin Xtra 3 EC & Horticultural Spray Oil *	
	For dilute sprays ¹	For Concentrate sprays ²
European red mite Pacific spider mite Two-spotted spider mite	1.25 - 2.5 fl oz Timectin Xtra 3 EC /100 gals water <i>plus</i> 0.25% or 1 gal/A horticultural spray oil or nonionic surfactant at the labeled rate	5 - 10 fl oz Timectin Xtra 3 EC /A <i>plus</i> horticultural spray oil at a minimum of 1 gal/A

¹ The rate of Timectin Xtra 3 EC per 100 gals is based on volume of 400 gals/A dilute spray.

² To determine the amount of product per acre for concentrate sprays, first determine the amount that would be required in a full cover dilute spray. Use the same amount of product per acre in concentrate sprays as would be required for the dilute sprays to the same orchard/grove. This can result in use of less than 5 fl oz/A on small trees.

Use Restrictions - Stone Fruit Crop Group

- Do not apply within 21 days of harvest (PHI).
- Do not apply aerially.
- Do not reapply within 21 days of first application.
- Do not apply more than 10 fl oz/A (0.023 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 20 fl oz/A of Timectin Xtra 3 EC or 0.047 lb/A of abamectin via any foliar applied product per calendar year.
- Do not make more than 2 applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Do not allow livestock to graze in treated orchards.

STRAWBERRIES AND CROP GROUP 13-07G:

Bearberry; bilberry; blueberry, lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; strawberry; cultivars, varieties, and/or hybrids of these.

For controlling two-spotted spider mite, strawberry spider mite and carmine spider mite and suppression of cyclamen mite.

Apply 8 fl oz/A of Timectin Xtra 3 EC when mites are initially seen. Make 2 applications at intervals of 7 - 10 days and repeat this sequence as needed to maintain control (see **Use Restrictions**). Wait at least 21 days after the second application before repeating application. To ensure maximum coverage of tops and undersides of foliage, adjust nozzle placement and spray volume. To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent and using a nonionic surfactant improves wetting of foliage and spreads out spray deposits.

Pests	Timectin Xtra 3 EC fl oz/A
Two-spotted spider mite Strawberry spider mite Carmine spider mite Cyclamen mite ¹	8.0

¹ suppression

Use Restrictions - Strawberries

- Do not apply within 3 days of harvest (PHI).
- Do not apply aerially.
- Do not apply in less than 50 gallons of water per acre with conventional ground application equipment only except when using an electrostatic sprayer; do not use less than 10 gallons of water per acre with this type of spray equipment.
- Wait at least 21 days after the second application before repeating application.
- Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 32 fl oz/A of Timectin Xtra 3 EC or 0.075 lb/A of abamectin via any foliar applied product per calendar year.
- For resistance management, do not use Timectin Xtra 3 EC in strawberry nurseries.

TREE NUTS CROP GROUP 14-12

African nut-tree; almond; beechnut; Brazil nut; Brazilian pine; bunya; bur oak; butternut; Cajou nut; candlenut; cashew; chestnut; chinquapin; coconut; coquito nut; dika nut; filbert (hazelnut); ginkgo; Guiana chestnut; heartnut; hickory nut; Japanese horse-chestnut; macadamia nut; mongongo nut; monkey-pot; monkey puzzle nut; Okari nut; Pachira nut; peach palm nut; pecan; pequi; Pili nut; pine nut; pistachio; Sapucaia nut; tropical almond; walnut (black and English); yellowhorn; cultivars, varieties, and/or hybrids of these.

For controlling strawberry spider mite, Pacific spider mite, two-spotted spider mite, and European red mite. (Ground application only.)

Apply Timectin Xtra 3 EC when mites initially appear. To maintain control (see **Use Restrictions**), make a second application of Timectin Xtra 3 EC after at a minimum of 21 days, if needed. Spray deposits on newer leaves (compared to older leaves) provide greater residual spider mite control.

Use conventional dilute or concentrate ground sprayers with enough water to provide thorough coverage. Volume of spray will vary with the size and number of trees per acre and foliage density. Assure thorough coverage to attain spider mite control. To avoid illegal residues, apply Timectin Xtra 3 EC in combination with a nonionic surfactant that spreads on and/or penetrates the leaf cuticle or apply with a Horticultural Spray Oil (not a dormant oil) that is approved for use on Tree Nuts Crop Group and Pistachio. Application with a horticultural oil (not a dormant oil) is recommended for best efficacy and performance.

Pests	Rate of Timectin Xtra 3 EC & Horticultural Spray Oil*	
	Dilute Sprays ¹	Concentrate Sprays ²
Two-spotted spider mite	1.25 - 2.5 fl oz	5 - 10 fl oz
Pacific spider mite	Timectin Xtra 3 EC /100 gals water	Timectin Xtra 3 EC /A
Strawberry spider mite	<i>plus</i> 1 qt. Horticultural Spray Oil*/100 gals	<i>plus</i> at least 1 gal Horticultural
European red mite	(i.e., 0.25% of finished spray)	Spray Oil*/A

*Not a dormant oil

¹ Rates per 100 gals dilute spray are based on a 400 gal/acre spray volume.

² To determine the Timectin Xtra 3 EC rate per acre for concentrate sprays, it is necessary to first determine the amount needed for a full cover dilute spray. Use the same amount of product per acre in concentrate sprays as required for dilute sprays to the same grove/orchard. The result can be less than 5 fl oz/acre when used on smaller trees.

Use Restrictions - Tree Nuts Crop Group and Pistachio

- Do not apply within 21 days of harvest (PHI).
- Do not apply aerially.
- Do not apply in less than 40 gallons of water per acre.
- Do not retreat within 21 days of the first application.
- Do not apply more than 10 fl oz/A (0.023 lb ai/A) of Timectin Xtra 3 EC per application.
- Do not apply more than 20 fl oz/A of Timectin Xtra 3 EC or 0.047 lb/A of abamectin via any foliar applied product per calendar year.

- Do not exceed 2 applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin per calendar year.
- Do not allow livestock to graze treated groves or orchards.

TUBEROUS AND CORM VEGETABLES CROP SUBGROUP 1C

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

For controlling Colorado potato beetle, *Liriomyza* leafminers, Potato psyllid and Spider mites.

Colorado potato beetle: Apply Timectin Xtra 3 EC when 50% of egg masses have hatched and larvae are observed. If two applications are planned, they must be restricted to a single Colorado potato beetle generation per season, and intervals of at least 7 days must be observed. For low to moderate infestations, use 4 fl oz/A; for severe infestations, use 8 fl oz/A. Do not exceed 2 applications per season.

***Liriomyza* leafminers:** Make initial application when adult flies are first seen. Repeat applications as necessary to maintain control (see **Use Restrictions**) as long as there is a minimum of 7-day intervals between applications. For low to moderate infestations, use 4 fl oz/A; for severe infestations, use 8 fl oz/A.

Potato psyllid: Apply Timectin Xtra 3 EC when pest monitoring indicates that populations are present and at a local threshold (an average of 1 to 2 psyllids/leaf or 10/plant). With a severe infestation, an additional treatment may be warranted (See **Use restrictions**).

Spider mites: Apply the first application when mites first appear. Repeat applications as necessary to maintain control (see **Use Restrictions**) as long as there is a minimum of 7-day interval between applications. For low to moderate infestations, use 4 fl oz/A; for severe infestations, use 8 fl oz/A.

Thrips (suppression): Apply in a thrips management program and when thrips are at economic threshold. Repeat application, as needed, to maintain control per resistance management best practices and use restrictions. Do not use Timectin Xtra 3 EC as a rescue treatment for thrips control. With chemigation application, the resulting suppression of thrips could be less than with ground application.

Apply as a foliar spray in at least 20 gallons of water per acre by ground or in at least 5 gallons per acre by air. Timectin Xtra 3 EC may be applied through overhead sprinkler chemigation for suppression of thrips. For best control, apply Timectin Xtra 3 EC with ground application equipment. With aerial application, the resulting control of leafminers and spider mites could be less than with ground application. Under conditions such as high pest populations, dense or rank foliage, high temperatures or other such adverse application situations, use a greater water volume to ensure adequate coverage. For best results, ensure that good upper and lower leaf coverage is attained. To avoid illegal residues, Timectin Xtra 3 EC must be mixed with a non-ionic activator type wetting, spreading and/or penetrating agent. This additionally improves pest control, wetting of foliage and smooths out spray deposits. Do not use binder or sticker-type surfactants.

Pests	Timectin Xtra 3 EC fl oz/A
Colorado potato beetles Spider mites <i>Liriomyza</i> leafminers Potato psyllid	4 - 8
Thrips (suppression)	8

Use Restrictions - Tuberous and Corm Vegetables Crop Subgroup

- Do not apply within 14 days of harvest (PHI).
- Do not apply more than 8 fl oz/A (0.019 lb ai/A) of Timectin Xtra 3 EC per application.

- Do not apply more than 16 fl oz/A (0.038 lb ai/A) of Timectin Xtra 3 EC per calendar year to control spider mites or Colorado potato beetles.
- Do not apply more than 24 fl oz/A of Timectin Xtra 3 EC or 0.056 lb/A of abamectin via any foliar applied product per calendar year.
- Do not exceed 2 sequential applications of Timectin Xtra 3 EC or any other foliarly applied product containing abamectin.
- Wait at least 7 days between applications.
- Do not allow livestock to graze or feed treated foliage.
- Do not apply Timectin Xtra 3 EC by aerial application equipment in New York State.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE:

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of reach of children, preferably in a locked storage area.

Do not store above 100°F for extended periods of time. Storage below 20°F can result in the formation of crystals. If product crystallizes, store at 50°F to 70°F and agitate to redissolve crystals. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

PESTICIDE DISPOSAL:

Open dumping is prohibited. Pesticide wastes are toxic. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the hazardous waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING :

[Non-refillable plastic container ≤5 gal:] Nonrefillable [COEX] container. Do not reuse or refill this container. 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 ¼ 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 reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

[Non-refillable plastic container >5 gal:] Nonrefillable [COEX] container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

Tide International, USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above,

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[Optional marketing claims]

[This product, Timectin Xtra 3 EC, contains 0.3lb abamectin, twice the concentration of other Abamectin products formulated as 0.15EC and, therefore, will require half the use rate. Please read the label to ensure the correct amount of Timectin Xtra 3 EC is applied.]

[Timectin Xtra 3 EC is twice as concentrated as standard 0.15lb abamectin formulations in the marketplace. This innovative change with Timectin Xtra 3 EC means half the storage, half the transportation and half the container disposal - saving users time and money without sacrificing performance.]

[Timectin Xtra 3 EC is created with advanced formulation technology while providing efficacy on labeled pests]

[An excellent foundational tool in a miticide spray program with rotation partners]

[Activity: Timectin Xtra 3 EC works upon contact and translaminar movement for extended residual control]

[EPA Approval Date]