RESTRICTED USE PESTICIDE

Toxic to Fish, Mammals and Aquatic Organisms.

For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicators certification.

GROUP 6 INSECTICIDE

Crop$mart™

Abamectin 0.15 EC

Insecticide/Miticide

ACTIVE INGREDIENT:	**By Wt.**
Abamectin*	1.9%
OTHER INGREDIENTS:	98.1%
TOTAL:	100.0%

*1 gallon contains 0.15 lb. abamectin

EPA Reg. No. 83772-4-85945 ~~EPA Est. No. 37429 GA-2~~

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.)

See other panels for additional precautionary information.

FPO

Distributed by: CropSmart, LLC • PO Box 342• Morrisville, NC 27560

Net Contents: 1 gal (3.79 Liters)

Batch Code: _____

EPA xxxx

FIRST AID	
If in Eyes:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If Swallowed:	• Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • 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 further treatment advice.
HOTLINE NUMBER Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	
Note to Physician: Early signs of intoxication include dilation of pupils, muscular incoordination, and muscular tremors. Toxicity following accidental ingestion of this product can be minimized by early administration of chemical adsorbents (e.g., activated charcoal). If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parental fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms, and measurements.	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING / AVISO

Causes substantial but temporary eye injury. Do not get in eyes. Harmful if absorbed through skin or if swallowed. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical resistant gloves (such as barrier laminate, nitrile rubber, neoprene rubber, viton)
- Protective eyewear

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

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from target areas. Do not contaminate water when disposing of equipment wash water or rinsate.

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

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

ATTENTION
This product contains a chemical (N-methyl pyrrolidone) known to the state of California to cause birth defects or other reproductive harm.

DIRECTIONS FOR USE
RESTRICTED USE PESTICIDE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

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 – EPA chemical-resistance category E (e.g., barrier laminate, nitrile rubber, neoprene rubber, viton)
- Chemical resistant shoes and socks
- Protective eyewear

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

INFORMATION

CropSmart Abamectin 0.15 EC is an emulsifiable concentrate that will control certain pests on the crops listed on this label when the product is applied according to the Directions for Use. Thorough coverage of foliage is essential for good mite and insect control.

NOTE:

- **Phytotoxicity:** CropSmart Abamectin 0.15 EC has been tested for phytotoxicity and has a wide margin of safety on a variety of crops. CropSmart Abamectin 0.15 EC has also been shown to be compatible with many commonly used pesticides, crop oils, and nutritional sprays. However, since it is not possible to test a large number of possible mixtures, the user should pre-test any proposed mixtures with CropSmart Abamectin 0.15 EC to ensure the physical compatibility and lack of phytotoxic effects.
- **New York State Restriction:** Do not apply CropSmart Abamectin 0.15 EC with aircraft in New York State.

Chemigation

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

SPRAY DRIFT

Responsibility

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

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

Spray Drift Precautions for Application with Aircraft or Ground Application Equipment

- Apply CropSmart Abamectin 0.15 EC only when wind velocity favors on target product deposition (approximately 3 to 10 mph).
- Do not apply with ground application equipment within 25 ft. of or with aircraft within 150 ft. of lakes, reservoirs, rivers, permanent streams, marshes, pot holes, natural ponds, estuaries, or commercial fish farm ponds.
- Do not cultivate within 25 ft. of the aquatic area to allow growth of a vegetative filter strip.
- Do not allow this product to drift onto non-target areas. Drift may result in illegal residues or injury to nontarget species. Risk of exposure to sensitive areas can be reduced by applying this product when the wind direction is away from the sensitive area.
- Do not apply when the weather conditions may cause drift.
- Avoid application when the temperature is high and/or the humidity is low. These conditions increase the evaporation of spray droplets and the likelihood of drift to aquatic areas.
- Do not apply when wind speed or wind gusts are greater than 15 mph.
- Do not apply when wind speed is below 2 mph because wind direction will vary and there is a high potential for inversion.
- Observe the following precautions when using ground application to spray tree crops or hops in the vicinity of aquatic areas such as lakes, reservoirs, permanent streams, marshes, potholes, natural ponds, estuaries, or commercial fish ponds:
    - Do not apply CropSmart Abamectin 0.15 EC when weather conditions favor drift to aquatic areas.
    - Do not apply within 110 ft. upwind of aquatic areas or when wind speed is above 8 mph.
    - Spray last 3 rows upwind of aquatic areas using nozzles on one side only, with spray directed away from the aquatic areas.
    - Avoid spray going over tops of trees by adjusting or turning off top nozzles. Shut off nozzles on the side away from the grove/orchard when spraying the outside row. Shut off nozzles when turning at ends of row and passing tree gaps in rows.

Spray Drift Precautions for Aerial Application

Drift Management Requirements

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

Outermost Nozzle Distance
The distance of the outermost nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.

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

Maximum Wind Speed
Do not apply when wind speed is greater than 15 mph.

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

Controlling Droplet Size

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

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

Number of Nozzles – Use the minimum number of nozzles that provide uniform coverage.

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

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

Boom Length – For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

Application Height – Applications should not be made at a height greater than 10 ft. above the top of the

target plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

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

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

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

Temperature and Humidity – To compensate for evaporation when applying CropSmart Abamectin 0.15 EC in low relative humidity, set up equipment to produce larger droplets. Evaporation of droplets is most severe when conditions are both hot and dry.

Temperature Inversions - CropSmart Abamectin 0.15 EC must not be applied during a temperature inversion because the potential for drift is high. Temperature inversions restrict vertical air mixing, and this causes small, suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds that are common during inversions. Temperature inversions are characterized by temperatures that increase with altitude and are common on nights with limited cloud cover and light to no wind. Inversions begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, the movement of smoke from a ground source or an aircraft smoke generator can also identify inversions. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates, indicates good vertical air mixing.

Resistance Management

CropSmart Abamectin 0.15 EC is a Group 6 insecticide (contains the active ingredient abamectin). Because of the inherent risks of pests developing resistance to any product, it is strongly advised that CropSmart Abamectin 0.15 EC be used in a sound resistance management program. Treatment may not be effective against labeled pests if insect or mite-tolerant strains develop. When applying CropSmart Abamectin 0.15 EC to plants that are hosts of labeled pests with multiple generations per crop per year, use resistance management practices.

Resistance management practices may include, but are not limited to:

- Rotating CropSmart Abamectin 0.15 EC with other products with different modes of action

• Avoiding treatment of successive generations with products based on abamectin or other Group 6 insecticides
• Using labeled rates at the specified spray intervals
• Using non-chemical alternatives such as beneficial arthropods
• Rotating susceptible to non-susceptible plants, and
• Using various cultural practices

For additional information regarding the implementation of these or other resistance management practices, consult your local agricultural advisor or company representative.

CROP USE DIRECTIONS

Almonds and Walnuts
For control of European red mite, Pacific spider mite, Strawberry spider mite, and Twospotted spider mite

CropSmart Abamectin 0.15 EC may be applied using conventional dilute or concentrate sprayers calibrated to deliver sufficient water for thorough coverage. Gallons of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good spider mite and insect control.

Almonds and Walnuts

Pest	For Dilute Sprays (a) fl. oz./100 gals.	For Concentrate Sprays (b) fl. oz./A	Instructions
European red mite Pacific spider mite Strawberry spider mite Twospotted spider mite	2.5-5.0	10-20	• Always use CropSmart Abamectin 0.15 EC in combination with a horticultural spray oil (not a dormant oil) approved for use on almond/walnuts. • Apply CropSmart Abamectin 0.15 EC when spider mites first appear. Residual spider mite control is greater from spray deposits on newer leaves compared to older leaves. • A second application may be made if needed, to maintain control. (See Use Restrictions)
Horticultural Spray Oil (not a dormant oil)	0.25% or 1 gal./A	Minimum of 1 gal./A	

(a)The rate of CropSmart Abamectin 0.15 EC per 100 gals. is based on a volume of 400 gals./A dilute spray.
(b)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 that would be required for the dilute sprays to the same orchard/grove. This may result in use of less than 10 fl. oz./A on small trees.

Use Restrictions – Almonds and Walnuts

- **PHI:** Do not apply within 21 days of harvest.
- **Application Method:** Ground application only. Do not apply with aircraft.
- **Amount of Water:** Do not apply in less than 40 gals. of water/A.
- **Application Interval:** If a second application is necessary, wait at least 21 days before repeating application.
- **Maximum Amount per Application:** Do not apply more than 20 fl. oz. of CropSmart Abamectin 0.15 EC per application.
- **Applications per Season:** Do not make more than 2 applications per growing season.
- **Maximum Amount per Season:** Do not apply more than 40 fl. oz/A in a growing season.
- **Grazing:** Do not allow livestock to graze in treated orchards.

Apples

For control of European red mite, McDaniel spider mite, Tentiform leafminer, Twospotted spider mite, and White apple leafhopper

CropSmart Abamectin 0.15 EC may be applied using conventional dilute or concentrated ground application sprayers calibrated to deliver sufficient water for thorough coverage. Gallons of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good spider mite and insect control.

NOTE:

- For best results, apply in combination with horticultural spray oil (not a dormant oil) as directed. Applications without horticultural spray oil may result in reduced efficacy and/or residual control.
- When used alone or when other products are applied sequentially, CropSmart Abamectin 0.15 EC in combination with horticultural spray oil may injure the fruit of certain apple varieties (e.g., russetting on light-skinned varieties such as Golden Delicious).
- When using CropSmart Abamectin 0.15 EC plus horticultural spray oil, carefully follow the **Directions for Use** and **Precautions** on the horticultural spray oil label as well as the precautions in official spray guides or on product labels. For example, applying CropSmart Abamectin 0.15 EC plus horticultural spray oil in le3ss than 14 days before or after applying Captan® can result in phytotoxicity and crop loss.

Apples

Pest	For Dilute Sprays (a) fl. oz./100 gals.	For Concentrate Sprays (b) fl. oz./A	Instructions
European red mite McDaniel spider mite Tentiform leafminer Twospotted spider mite White apple leafhopper	2.5-5.0	10-20	• Apply CropSmart Abamectin 0.15 EC when spider mite or insect thresholds are reached. • A second application may be made if needed to maintain control. (**See Use Restrictions)** • **Spider Mites:** For best results, apply before a threshold of 5 spider mites per leaf is reached. Residual spider mite control with CropSmart Abamectin 0.15 EC in combination with horticultural spray oil (not a dormant oil) is greater from spray deposits on newer leaves compared to older. Applications of CropSmart Abamectin 0.15 EC for spider mite control should be limited to a period extending from petal fall through 6 weeks following petal fall. • **Tentiform leafminer:** For best results, apply onto eggs (to control new hatch) and early sap feeder stages of first and second-generation tentiform leafminers when locally established; thresholds have been reached. Do not apply during bloom. • **White Apple Leafhopper (Not for use west of the Rocky Mountains):** • Application of CropSmart Abamectin 0.15 EC is limited only to first generation white apple leafhoppers. Apply soon after petal fall in combination with horticultural spray oil (not a dormant oil).
Horticultural Spray Oil (not a dormant oil)	0.25% or 1 gal/A	Minimum of 1 gal./A	

(a)The rate of CropSmart Abamectin 0.15 EC per 100 gals. is based on a volume of 400 gals./A dilute spray.
(b)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/A in concentrate sprays as would be required for the dilute sprays to the same orchard/grove. This may result in use of less than 10 fl. oz./A on small trees.

Use Restrictions – Apples

- **PHI:** Do not apply within 28 days of harvest.
- **Application Method:** Ground application only. Do not apply with aircraft.
- **Amount of Water:** Do not apply in less than 40 gals. of water/A.
- **Maximum Amount per Application:** Do not apply more than 20 fl. oz. of CropSmart Abamectin 0.15 EC per application.
- **Application Interval:** If a second application is necessary, wait at least 21 days before repeating application.
- **Number of Applications:** Do not make more than 2 applications per growing season.
- **Maximum Amount per Season:** Do not apply more than 40 fl. oz./A in a growing season.
- **Grazing:** Do not allow livestock to graze in treated orchards.

Avocados

For control of Avocado thrips

NOTE: CropSmart Abamectin 0.15 EC may be applied using ground application equipment or aircraft. Aerial application is permitted because of its importance to the avocado growing industry. However, aerial application is not the preferred method of application for the best control of thrips. With aerial application, spray coverage and the resulting control of thrips is less than with ground application. For this reason, the user accepts all liability for the level and duration of control of thrips when CropSmart Abamectin 0.15 EC is aerially applied.

Gallonage of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good mite and insect control.

Avocados

Pest	fl. oz./A	Instructions
Avocado Thrips *(Scirtothrips perseae)* **Persea Mite** *(Oligonychus perseae)*	10.0-20.0 Do not use less than 10 fl. oz. of product/A	• For best results, apply when immature thrips are first observed but before numbers exceed 5 immature thrips per leaf/fruit. • Use 10-15 fl. oz. of product/A for low* to moderate* infestations and 15-20 fl. oz. of product/A for severe* infestations. Add a 1.0%-4.0% NR (narrow range) 415 oil in combination with a horticultural spray oil (not a dormant 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 CropSmart Abamectin 0.15 EC at a rate of 2.5 fl. oz. per 100 gals. of water plus 1.0%-4.0% of an NR 415 oil. • **Note:** To prevent crop injury, observe all precautions and restrictions on the oil label. When using oil concentrations above 2.0%, treat a small test area before making a large-scale application.
Horticultural Oil (not a dormant oil)	Minimum 1 to 4% v/v	

***Thrips Infestation Level**	**Number of immature thrips per leaf/fruit**
Low	1-2
Moderate	3-4
Severe	More than 5

Use Restrictions – Avocados

- **PHI:** Do not apply within 14 days of harvest.
- **Application Method:** Ground and aerial application permitted.
- **Amount of Water:** Do not apply in less than 100 gals. of water with ground equipment or 50 gals. of water with aircraft.
- **Maximum Amount per Application:** Do not apply more than 20 fl. oz./A per application.
- **Application Interval:** Wait at least 30 days before repeating application.
- **Number of Applications:** Do not make more than 2 applications per season.
- **Maximum Amount per Season:** Do not apply more than 40 fl. oz./A per season.
- **Grazing:** Do not allow livestock to graze in treated orchards.

Celeriac *(Apium graveollens)*
For control of Twospotted spider mite.

CropSmart Abamectin 0.15 EC may be applied using conventional dilute or concentrate sprays. Thorough coverage of the crop canopy is essential for optimum results. Inadequate crop coverage may result in reduced control. Calibrate sprayer to deliver sufficient water for thorough coverage of the foliage.

Celeriac

Pest	fl. oz./A	Instructions
Twospotted spider mite	16.0	• For best results, use in combination with a non-ionic surfactant. • Apply when mites first appear and repeat as necessary to maintain control. **(See Use Restrictions.)**

Use Restrictions – Celeriac
- **PHI:** Do not apply within 7 days of harvest.
- **Application Method:** Apply with ground application equipment.
- **Amount of water:** Do not apply in less than 20 gals. of water/A.
- **Application Interval:** Wait at least 7 days before repeating application.
- **Number of Applications:** For resistance management, do not make more than 2 sequential applications.
- **Maximum Amount per Season:** Do not apply more than 48 fl. oz./A after transplanting.

Citrus Fruit Crop Group
Some of the crops in this group are: Citrus citron, Citrus hybrids, *Citrus* species (includes chironja, tangelo, tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Sour orange, and Sweet orange.

For control of Asian citrus psylla, Broad mite, Citrus bud mite, Citrus leafminer, Citrus rust mite, Citrus thrips, and Twospotted spider mite

Gallons of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good mite and insect control.

Ground Application – Apply using conventional dilute or concentrate ground application sprayers calibrated to deliver sufficient water for thorough coverage (or outside coverage for Asian citrus psyllid, citrus leafminer, or citrus thrips).
Aerial Application – Aerial application is permitted **only** for control of citrus leafminer. Aerial application to citrus is not approved in California.

Citrus Fruit Crop Group

Pest	For Dilute Sprays (a) fl. oz./100 gals.	For Concentrate Sprays (b) fl. oz./A	Instructions
Asian citrus psyllid	—	10-20(c)	• Applications should be made with a minimum of 0.20% horticultural spray oil (not a dormant oil) in the spray mixture or not less than 1.0 gal. of oil/A (except when specified differently below). • **Asian Citrus Psyllid:** Apply to protect newly expanding foliage flush during the spring, summer or fall. CropSmart Abamectin 0.15 EC will only control adults and nymphs present at the time of application. • **Mites:** Apply when mites first appear during spring, summer, and/or fall. **(See Use Restrictions)** • **Citrus Bud Mite:** For best results, time the spray at "bud swell". • **Citrus Leafminer:** Apply to protect new growth during spring, summer, or fall. **(See Use Restrictions)** • **Citrus Thrips:** Application targeted for citrus 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). **(See Use Restrictions.)**
Broad Mite	1.0-2.0	10-20(c)	
Citrus bud mite	1.0-2.0	10-20(d)	
Citrus rust mite	0.5-2.0	5-20(c)	
Twospotted spider mite	1.0-2.0	10-20	
Citrus leafminer	—	5-20(c)	
Citrus thrips	—	10-20(e)	

(a)The rate of CropSmart Abamectin 0.15 EC per 100 gals. is based on a volume of 1,000 gals./A dilute spray.
(b)For concentrate sprays, adjust the dosage to apply an amount/A equal to that used in full cover dilute spray.
(c)Ground application: For best results, use 150-300 gals./A of spray mix with a minimum of 3 gal./A of horticultural oil (not a dormant oil) and apply at a ground speed of 1 to 1.5 MPH.
(d)For best results, use a minimum of 500 gals./A of spray mix with a minimum of 0.5% of finished spray horticultural oil (not a dormant oil).
(e)For best results, use 100-250 gals./A of spray mix applied to achieve outside coverage.

Use Restrictions – Citrus Fruit Crop Group

- **PHI:** Do not apply with 7 days of harvest.
- **Application Method:**
  To control citrus leafminer – Ground or aerial application is permitted; however, do not apply with aircraft to citrus in California. For aerial application use a minimum of 10 gallons of finished spray volume per acre. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume of water to ensure adequate coverage.
  All other pests – Ground application only. Do not apply with aircraft.
- **Prohibited Use:** To manage resistance do not use in citrus nurseries.
- **Application Interval:** Do not apply CropSmart Abamectin 0.15 EC or any other abamectin containing product within 30 days of the last treatment.
- **Maximum Amount per Season:** Do not apply more than 40 fl. oz./A (0.047 lb a.i./A) of CropSmart Abamectin 0.15 EC or any other abamectin containing product in any growing season. Do not make more than 3 applications of CropSmart Abamectin 0.15 EC or any other abamectin containing product in any growing season.
- **Grazing:** Do not allow livestock to graze in treated orchards.

COTTON

For control of spider mites.

Mix with water as indicated below. Thorough coverage of the crop is essential for optimum results. Inadequate coverage may result in reduced control. For best coverage and control apply CropSmart Abamectin 0.15 EC with ground application equipment.

Spider Mites	Fl. oz./A	Instructions
Carmine spider mite Pacific spider mite Twospotted spider mite	4-6 (Early Season Cotton – See **Instructions**) 8-16	• Apply when mites first appear. The use rate depends on the size of the plant and density of the foliage. Repeat application if needed to maintain control. See **Use Restrictions** below. • The lower use rates of 4-6 fl. oz./A are only recommended if cotton is early season and under 10 inches in height. Do not use less than 4 fl. oz./A. **West of the Rocky Mountains** – The lower use rates may only be used on cotton less than 10 inches in height and applied only with ground equipment. • **Note:** CropSmart Abamectin 0.15 EC may be used without a wetting agent. Spreading and penetrating surfactants can improve mite control. When necessary to improve the wetting of foliate and to smooth out spray deposits, a nonionic surfactant is recommended. Do not use binder or sticker type surfactants.

Use Restrictions
- **PHI:** Do not apply within 20 days of harvest.
- **Application Method:** Ground or aerial application is permitted.
- **Minimum Amount of Water:** Do not apply in fewer than 5 gallons of water per acre. Use sufficient volume to insure thorough coverage.
- **Maximum Amount per Application:** Do not apply more than 16 fl. oz./A per application.
- **Application Interval:** Wait at least 21 days before repeating application.
- **Maximum Amount per Season:** Do not apply more than 32 fl. oz./A per season.
- **Grazing Restriction:** Do not feed or allow livestock to graze treated cotton.

Cucurbits Crop Group
Some of the crops in this group are: Citron Melon, Cucumbers, Gherkin, Edible Gourds (includes hyotan, cucuzza, hechima, Chinese okra), *Momordica* spp. (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); Muskmelon, Cantaloupe, Pumpkin, Summer Squash, Winter Squash (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); Watermelon.

For Control of Spider Mites and Leafminers

Mix with water as indicated below. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage may result in reduced control.

Note: CropSmart Abamectin 0.15 EC may be applied with ground application equipment or aircraft. For best control of mites, apply CropSmart Abamectin 0.15 EC with ground application equipment. With aerial application, spray coverage and the resulting control of mites is less than with ground application. For this reason, the user accepts all liability for the level and duration of control of mites when CropSmart Abamectin 0.15 EC is aerially applied.

Cucurbits Crop Group

Pest	fl. oz./A	Instructions
Leafminers Spider mites	8.0-16.0	• Use 8-12 fl. oz./A for low to moderate infestations and 16 fl. oz./A for severe infestations. • Apply when adult leafminer flies or spider mites are first observed. Repeat applications as needed to maintain control within constraints of a sound resistance management program. **(See Use Restrictions).**

Use Restrictions – Cucurbit Crop Group
- **PHI:** Do not apply within 7 days of harvest.
- **Application Method:** Ground or aerial application is permitted; however, do not apply with aircraft in New York State.
- **Amount of Water:** Do not apply in less than 20 gals. of water/A with ground application equipment. Do

not apply in less than 5 gals. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume of water to insure adequate coverage.

- **Application Interval:** Wait at least 7 days before repeating application.
- **Number of Applications:** Do not make more than 2 sequential applications.
- **Maximum Amount Per Season:** Do not apply more than 48 fl. oz./A in a growing season.

Fruiting Vegetable Crop Group

Some of the crops in this group are: Tomato, eggplant, peppers (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper); Tomatillo.

For control of Broad mite, Colorado potato beetle, *Liriomyza* leafminers, Spider mites, *Thrips palmi*, Tomato pinworm, and Tomato russet mite.
Mix with water as indicated below. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage may result in reduced control.

Note: CropSmart Abamectin 0.15 EC may be applied with ground application equipment or aircraft. For best control of mites, apply CropSmart Abamectin 0.15 EC with ground application equipment. With aerial application, spray coverage and the resulting control of mites is less than with ground application. For this reason, the user accepts all liability for the level and duration of control of mites when CropSmart Abamectin 0.15 EC is aerially applied.

Fruiting Vegetables Crop Group

Pest	fl. oz./A	Instructions
Broad mite Colorado potato beetle *Liriomyza* leafminers Spider mites *Thrips palmi* Tomato Russet Mite	8.0-16.0	• **Broad, Russet, and Spider Mites:** Apply when mites first appear. • ***Thrips palmi:*** Apply when thrips are first observed. • **Tomato pinworm:** Application may 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 8 fl. oz./A for low to moderate infestations and 16 fl. oz./A for severe infestations. • Repeat application as necessary to maintain control. **(See Use Restrictions).** • **Note:** CropSmart Abamectin 0.15 EC may be used without a wetting agent. Spreading and penetrating surfactants can improve insect control. When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended. Do not use binder or sticker-type surfactants.
Tomato Pinworm	16.0	

Peppers

Pest	fl. oz./A	Instructions
Potato psyllid	8.0-16.0	• For suppression of potato psyllid. • Scout fields and begin applications when psyllid first appears. • Use 8-12 fluid ounces per acre for low to moderate infestations and 16 fluid ounces per acre for heavy infestations. Sequential applications 10-14 days apart may be needed for infestations with heavy egg and nymph populations. • Applications may be made by ground or air. Use sufficient water volumes to achieve thorough coverage. A spreading or penetrating adjuvant or horticultural oil should be added at recommended rates.

Use Restrictions – Fruiting Vegetables Crop Group

- **PHI:** Do not apply within 7 days of harvest.
- **Application Method:** Ground or aerial application permitted; however, do not apply with aircraft in New York State.
- **Prohibited Use:** For resistance management, do not use on fruiting vegetables grown for transplanting.
- **Amount of Water:** Do not apply in less than 20 gals. of water/A with ground application equipment. Do not apply in less than 5 gals. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume of water to insure adequate coverage.
- **Application Interval:** Wait at least 7 days before repeating application, but do not make more than 2 sequential applications.
- **Maximum Amount per Season:** Do not apply more than 48 fl. oz./A in a growing season.

Grapes

For control of Pacific spider mite, Twospotted spider mite, Western grapeleaf skeletonizer, and Willamette spider mite.

CropSmart Abamectin 0.15 EC may be applied using ground sprayers calibrated to deliver sufficient water for thorough coverage. Thorough coverage is essential for good spider mite and insect control. Do not spray alternate rows. CropSmart Abamectin 0.15 EC must be applied to both sides of each row for maximum coverage.

Grapes

Pest	fl. oz./A	Instructions
Pacific spider mite Twospotted spider mite Willamette spider mite Western grapeleaf skeletonizer Western grape leaf-hopper Variegated leafhopper	8.0-16.0 Plus a nonionic surfactant	• Use 8-12 fl. oz./A for low to moderate infestations and 16 fl. oz. for severe infestations. • Repeat application, if needed. **(See Use Restrictions).** • **Note:** CropSmart Abamectin 0.15 EC must be applied in combination with a nonionic surfactant to improve wetting of foliage and to smooth out spray deposits. Spreading and penetrating surfactants can improve insect control. Do not use binder or sticker-type surfactants. Although CropSmart Abamectin 0.15 EC has been tested in combination with a nonionic surfactant for safety to grapes, it is impossible to test on all grape varieties under the variety of conditions that may cause crop injury. Therefore, when using CropSmart Abamectin 0.15 EC in combination with a nonionic surfactant, carefully follow the **Directions for Use** and **Precautions** on the nonionic surfactant label and in official spray guides. • **Spider Mites:** Apply when mites first appear but before motiles exceed 5 per leaf. • **Western Grapeleaf Skeletonizer:** Apply CropSmart Abamectin 0.15 EC plus a nonionic surfactant when larvae are first observed. For optimum control, apply shortly after egg hatch. • **Western Grape Leaf-Hopper and Variegated Leafhopper:** Apply CropSmart Abamectin 0.15 EC plus nonionic surfactant when pest first observed. Provides contact knock-down control only.

Use Restrictions – Grapes

- **PHI:** Do not apply within 28 days of harvest.
- **Application Method:** Ground application only.
- **Amount of Water:** Do not apply in less than 50 gals. of water/A with conventional ground application equipment.
- When using an electro-static sprayer, less than 50 gals. of water/A may be used; however, do not use less than 5 gals. of water/A.
- **Maximum Amount per Application:** Do not apply more than 16 fl. oz./A per application.
- **Application Interval:** If a second application is necessary, wait at least 21 days before repeating application.

• **Number of Applications:** Do not make more than 2 applications per growing season.
• **Maximum Amount per Season:** Do not apply more than 32 fl. oz./A in a growing season.
• **Grazing:** Do not allow livestock to graze in treated vineyards.

Herb Crop Subgroup (Except Chives)
Some of the crops in this subgroup are: basil, camomile, catnip, coriander (leaf), dill weed, lavender, marigold, marjoram (*Origanum* species), nasturtium, parsley (dried), rosemary, sage, summer and winter savory, tarragon, thyme, and wintergreen.

For control of *Liriomyza* leafminers

Mix with water as indicated below. Apply thoroughly with ground application equipment as a foliar spray and ensure good upper and lower leaf coverage.

Herb Crop Subgroup (Except Chives)

Pest	fl. oz./A	Instructions
Liriomyza leafminers	8.0-16.0	• Use 8 fl. oz./A for low to moderate infestations and 16 fl. oz./A for severe infestations. • Apply when adult flies are first observed and repeat application, as necessary to maintain control. **(See Use Restrictions).** • CropSmart Abamectin 0.15 EC may be used without a wetting agent. When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended. • **Note:** Although CropSmart Abamectin 0.15 EC has been tested in combination with a nonionic surfactant for safety to herbs, it is impossible to test on all herb types and varieties under the variety of conditions that may cause crop injury. Therefore, when using CropSmart Abamectin 0.15 EC in combination with a nonionic surfactant, carefully follow the **Directions for Use** and **Precautions** on the nonionic surfactant label and in official spray guides.

Use Restrictions – Herb Crop Subgroup (except Chives)
• **PHI:** Do not apply within 14 days of harvest.
• **Application Method:** Apply with ground application equipment.
• **Amount of Water:** Use a minimum of 30 gals. of water/A.

- **Application Interval:** Wait at least 7 days before repeating application.
- **Number of Applications:** Do not make more than 2 applications per single cutting (harvest).
- **Maximum Amount per Season:** Do not make more than 6 applications per cropping season at the 8 fl. oz./A rate or 3 applications per cropping season at the 16 fl. oz./A rate.

Hops (Not approved for use in California)
For control of Twospotted spider mite

Mix with water as indicated below. Apply with ground application equipment as a foliar spray and ensure good upper and lower leaf coverage. Gallons of spray may vary with the size of plants and density of foliage. In any case, thorough coverage is essential for good control of Twospotted spider mite. When using concentrate sprays, the amount of water is reduced, but the amount of CropSmart Abamectin 0.15 EC should remain the same as for dilute sprays.

Hops

Pest	fl. oz./A	Instructions
Twospotted spider mite	8.0-16.0	• Apply CropSmart Abamectin 0.15 EC when Twospotted spider mites reach treatment thresholds. • For applications at 1/2 trellis growth (6-8 ft. height) apply 8-16 fl. oz./A in a minimum of 40 gals. of water/A. • For applications beyond 1/2 trellis growth, do not use less than 16 fl. oz./A in a minimum of 100 gals. of water/A. • **Note:** CropSmart Abamectin 0.15 EC may be used without a wetting agent. When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended.

Use Restrictions – Hops
- **PHI:** Do not apply within 28 days of harvest.
- **Application Method:** Ground application only. Do not apply with aircraft.
- **Application Interval:** If a second application is necessary to maintain control, wait at least 21 days before repeating application and repeat application only after an alternative miticide with a different mode of action has been used.
- **Number of Applications:** Do not make more than 2 application (32 fl. oz./A) per growing season.
- **Grazing:** Do not allow livestock to graze in treated hops yards.

Leafy Vegetable Crop Group
Some of the crops in this group are: Celery, Lettuce (head and leaf), Amaranth (Chinese spinach), Garden

cress, Upland cress, Dandelion, Endive, Fennel, Parsley, Radicchio, Rhubarb, Spinach and Swiss chard.

For control of Carmine spider mite, *Liriomyza* leafminers, and Twospotted spider mite

Mix with water as indicated below. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage may result in reduced control.

Note: CropSmart Abamectin 0.15 EC may be applied with ground application equipment or aircraft. For best control of mites, apply CropSmart Abamectin 0.15 EC with ground application equipment. With aerial application, spray coverage and the resulting control of mites is less than with ground application. For this reason, the user accepts all liability for the level and duration of control of mites when CropSmart Abamectin 0.15 EC is aerially applied.

Leafy Vegetable Crop Group

Pest	fl. oz./A	Instructions
Carmine spider mite *Liriomyza* leafminers Twospotted spider mite	8.0-16.0 Plus a nonionic surfactant	• Use 8-12 fl. oz./A for low to moderate infestations and 16 fl. oz./A for severe infestations. • **Spider Mites:** Apply when mites first appear and repeat as needed to maintain control. **(See Use Restrictions).** • **Leafminers:** Apply when adult flies are first observed and repeat applications as needed to maintain control. **(See Use Restrictions).** • **Note:** CropSmart Abamectin 0.15 EC may be used without a wetting agent. Spreading and penetrating surfactants can improve insect control. When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended. Do not use binder or sticker-type surfactants.

Use Restrictions – Leafy Vegetable Crop Group

- **PHI:** Do not apply within 7 days of harvest.
- **Application Method:** Ground or aerial application permitted; however, do not apply with aircraft in New York State.
- **Prohibited Use:** For resistance management, do not use on leafy vegetables grown for transplanting.
- **Amount of Water:** Do not apply in less than 20 gals. of water/A with ground application equipment. Do not apply in less than 5 gals. of water per acre with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume of water to insure adequate coverage.
- **Application Interval:** Wait at least 7 days before repeating application.
- **Number of Applications:** Do not make more than 2 sequential applications.

• **Maximum Amount per Season:** Do not apply more than 48 fl. oz./A per growing season.

Mint (Peppermint and Spearmint)
For control of Twospotted spider mite

Mix with water as indicated below. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage may result in reduced control.

Mint

Pest	fl. oz./A	Instructions
Twospotted spider mite	8.0-12.0	• Treat when mites first appear. • For optimum control, a nonionic surfactant or organosilicone-based surfactant should be used at the manufacturer's recommended rate.

Use Restrictions – Mint
- **PHI:** Do not apply within 28 days of harvest.
- **Application Method:** Ground or aerial application permitted; however, do not apply with aircraft in New York State.
- **Amount of Water:** Do not apply in less than 20 gals. of water/A with ground application equipment. Do not apply in less than 5 gals. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions such as high temperatures, use a greater volume of water to ensure adequate coverage.
- **Maximum Amount per Application:** Do not apply more than 12 fl. oz./A per application.
- **Application Interval:** Wait at least 7 days before repeating application.
- **Number of Applications:** Do not make more than 2 sequential applications and do not apply more than 3 applications per season.
- **Maximum Amount per Season:** Do not apply more than 36 fl. oz./A per crop per season.
- **Grazing:** Do not allow livestock to graze or feed treated foliage to livestock.

Pears (Including Oriental Pear Trees)
For control of European red mite, McDaniel spider mite, Pear psylla, Pear rust mite, Twospotted spider mite, and Yellow mite

CropSmart Abamectin 0.15 EC may be applied using conventional dilute or concentrated ground application sprayers calibrated to deliver sufficient water for thorough coverage. Gallons of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good spider mite and insect control.

NOTE:
For best results, apply in combination with horticultural spray oil (not a dormant oil) as directed. Applications without horticultural spray oil may result in reduced efficacy and/or residual control.
When using CropSmart Abamectin 0.15 EC plus horticultural spray oil, carefully follow the **Directions for Use** and **Precautions** on the horticultural spray oil label as well as the precautions in official spray guides or on product labels. For example, applying CropSmart Abamectin 0.15 EC plus horticultural spray oil in less than 14 days before or after applying Captan® can result in phytotoxicity and crop loss.

Pears

Pest	For Dilute Sprays (a) fl. oz./100 gals.	For Concentrate Sprays (b) fl. oz./A	Instructions
European red mite McDaniel spider mite Pear Psylla Pear rust mite Twospotted spider mite Yellow mite	2.5-5.0	10-20	• Apply CropSmart Abamectin 0.15 EC when spider mite or insect thresholds are reached. • A second application may be made if needed to maintain control. **(See Use Instructions).**
Horticultural Spray Oil (not a dormant oil)	0.25% or 1 gal./A	Minimum of 1 gal./A	

(a)The rate of CropSmart Abamectin 0.15 EC per 100 gals. Is based on a volume of 400 gals./A dilute spray.
(b)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/A in concentrate sprays as would be required for the dilute sprays to the same orchard/grove. This may result in use of less than 10 fl. oz./A on small trees.

Use Restrictions – Pears
- **PHI:** Do not apply within 28 days of harvest.
- **Application Method:** Ground application only. Do not apply with aircraft.
- **Amount of Water:** Do not apply in less than 40 gals. of water/A.
- **Maximum Amount per Application:** Do not apply more than 20 fl. oz./A of CropSmart Abamectin 0.15 EC per application.
- **Application Interval:** If a second application is necessary, wait at least 21 days before repeating application.
- **Number of Applications:** Do not make more than 2 applications per growing season.
- **Maximum Amount per Season:** Do not apply more than 40 fl. oz./A in a growing season.
- **Grazing:** Do not allow livestock to graze in treated orchards.

Plums and Prunes
For control of European spider mite, Pacific spider mite, and Twospotted spider mite

CropSmart Abamectin 0.15 EC may be applied using conventional dilute or concentrate sprayers calibrated to deliver sufficient water for thorough coverage. Gallons of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good spider mite control.

Plums and Prunes

Pest	For Dilute Sprays (a) fl. oz./100 gals.	For Concentrate Sprays (b) fl. oz./A	Instructions
European red mite Pacific spider mite Twospotted spider mite	2.5-5.0	10-20	• Apply when mites first appear. A second application may be made, if needed, to maintain control. **(See Use Restrictions)** • Always apply CropSmart Abamectin 0.15 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). • **NOTE:** 1. A nonionic surfactant that spreads on and/or penetrates the leaf cuticle can improve insect control. Although CropSmart Abamectin 0.15 EC has been tested in combination with nonionic surfactants for safety to stone fruit, it is impossible to test on all plum/prune fruit varieties under the variety of conditions that may cause crop injury. Therefore, when using CropSmart Abamectin 0.15 EC in combination with a nonionic surfactant, carefully follow the **Directions for Use** and **Precautions** on the surfactant label and in official spray guides. 2. A horticultural oil (not a dormant oil) may improve efficacy and can be used but it may increase the possibility of phytotoxicity to foliage and fruit. • Use a minimum of 0.25% horticultural spray oil (not a dormant oil) in the dilute spray mixture and not less than 1.0 gal. of horticultural spray oil per acre in the final finished spray. • Use nonionic surfactants at the manufacturer's recommended rate.
Horticultural Spray Oil (not a dormant oil) **OR** **Nonionic Surfactant**	0.25% or 1 gal,./A Label Rate	Minimum of 1 gal./A	

(a)The rate of CropSmart Abamectin 0.15 EC per 100 gals. is based on a volume of 400 gals./A dilute spray.
(b)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 may result in use of less than 10 fl. oz./A on small trees.

Use Restrictions – Plums and Prunes
- **PHI:** Do not apply within 21 days of harvest.
- **Application Method:** Ground application only. Do not apply with aircraft.
- **Amount of Water:** Do not apply in less than 40 gals. of water/A.
- **Maximum Amount Per Applications:** Do not apply more than 20 fl. oz./A per application.
- **Application Interval:** If a second application is needed, wait at least 21 days before repeating application.
- **Number of Applications:** Do not make more than 2 applications per growing season.
- **Maximum Amount per Season:** Do not apply more than 40 fl. oz./A in a growing season.
- **Grazing:** Do not allow livestock to graze in treated orchards.

Potatoes
For control of Colorado potato beetle, *Liriomyza* leafminers, and Spider mites

Mix with water as indicated below. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage may result in reduced control.
Note: CropSmart Abamectin 0.15 EC may be applied using ground application equipment or aircraft. For best control of mites, apply CropSmart Abamectin 0.15 EC with ground application equipment. With aerial application, spray coverage and the resulting control of mites is less than with ground application. For this reason, the user accepts all liability for the level and duration of control of mites when CropSmart Abamectin 0.15 EC is aerially applied.

Potatoes

Pest	fl. oz./A	Instructions
Colorado potato beetle Spider mites *Liriomyza* leafminers	8.0-16.0	• Use 8-12 fl. oz./A for low to moderate infestations and l6 fl. oz./A for severe infestations. • The addition of a nonionic surfactant or organosilicone-based surfactant, at the manufacturer's recommended rate, is suggested for optimum spider mite and insect control. • Insect and spider mite control may be reduced if CropSmart Abamectin 0.15 EC is used in combination with a sticker or binder type product such as Bravo Weather Stik. • **Colorado potato beetle**: Make the first application after approximately 50% of the egg masses have hatched and larvae are present. If 2 applications are needed, limit them to a single Colorado potato beetle generation per crop. Do not make more than 2 applications per crop. **(See Use Restrictions)** • ***Liriomyza* leafminers:** Make the first application when adult flies are first observed. Repeat applications as needed to maintain control. **(See Use Restrictions)** • **Spider mites:** Make the first application when mites first appear. Repeat application as needed to maintain control. **(See Use Restrictions)**

Use Restrictions – Potatoes

- **PHI:** Do not apply within 14 days of harvest.
- **Application Method:** Ground or aerial application permitted; however, do not apply with aircraft in New York State.
- **Amount of Water:** Do not apply in less than 20 gals. of water/A with ground application equipment. Do not apply in less than 5 gals. of water/A with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume of water to insure adequate coverage.
- **Application Interval:** Wait at least 7 days before repeating application.
- **Number of Applications:** Do not make more than 2 sequential applications.
- **Maximum Amount per Crop:** Do not apply more than 32 fl. oz./A per crop for spider mite or Colorado potato beetle control. Do not apply more than 48 fl. oz./A per crop for leafminer control.
- **Grazing:** Do not allow livestock to graze or feed treated foliage to livestock.

Strawberries

For control of Strawberry spider mite and Twospotted spider mite

Mix with water as indicated below. Apply with ground application equipment as a foliar spray and insure thorough coverage on upper and lower leaf surfaces. Adjust spray volume and nozzle placement to insure maximum coverage of tops and undersides of leaves.

Strawberries

Pest	fl. oz./A	Instructions
Strawberry spider mite Twospotted spider mite Carmine mites* Cyclamen mites* Aphids* Thrips* Whiteflies*	16.0	• Make 2 applications 7-10 days apart when mites first appear. Repeat this application sequence, if needed, to maintain control. **(See Use Restrictions)** • **Note:** CropSmart Abamectin 0.15 EC may be used without a wetting agent. When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended. • Good coverage into the crown of the plant will enhance the results of CropSmart Abamectin 0.15 EC application for Cyclamen mites. The addition of surfactant will also aid in suppression of all these pests.

*suppression

Use Restrictions – Strawberries

- **PHI:** Do not apply within 3 days of harvest.
- **Application Method:** Ground application only. Do not apply with aircraft.
- **Prohibited Use:** For resistance management purposes, do not use in strawberry nurseries.
- **Amount of Water:** Do not apply in less than 50 gals. of water/A with conventional ground application equipment. When using electro-static sprayers, do not apply in less than 10 gallons of water/A.
- **Maximum Amount per Application:** Do not apply more than 16 fl. oz./A per application.
- **Application Interval:** Wait at least 21 days after the second application before repeating application.
- **Maximum Amount per Season:** Do not apply more than 64 fl. oz./A in a growing season.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

[NONREFILLABLE CONTAINERS]: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

(Nonrefillable ≤ 5 gallons): 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 puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(Nonrefillable > 5 gallons): Triple rinse as follows: Empty the 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 puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product.

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

WARRANTY DISCLAIMER

CropSmart, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, AGSAVER, LLC MAKES

NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

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

LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at CropSmart, LLC's election, one of the following:
1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

CropSmart, LLC shall not be liable for losses or damages resulting from handling or use of this product unless CropSmart, LLC is promptly notified of such loss or damage in writing. In no case shall CropSmart, LLC be liable for consequential or incidental damages or losses. The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of CropSmart, LLC or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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EPA [approval date]