U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:
_X_ Registration
___ Reregistration
(under FIFRA, as amended)

EPA Reg. Number:	**Date of Issuance:**
91234-252	11/8/22

Term of Issuance:
Conditional

Name of Pesticide Product:
A131.04

Name and Address of Registrant (include ZIP Code):

Beth Anderson
Sr. Regulatory Mgr.
Atticus LLC
5000 CentreGreen Way, Suite 100
Cary, NC 27513

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

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

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

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

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

Signature of Approving Official:

Sincerely,

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

Date:
11/8/22

2. You are required to comply with the data requirements described in the DCI identified below:

    a. Abamectin GDCI-122804

    You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1

3. Make the following label changes before you release the product for shipment:

    - Revise the EPA Registration Number to read, "EPA Reg. No. 91234-252."

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

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 4/20/21

If you have any questions, please contact Marianne Lewis via email at lewis.marianne@epa.gov.

Enclosure

{Note to reviewer: [Text] in brackets denotes optional or explanatory language}
{Note to reviewer: {Text} in braces denotes where in the final label text will appear}

{BOOKLET FRONT PANEL LANGUAGE}

RESTRICTED USE PESTICIDE
DUE TO TOXICITY TO NON-TARGET INVERTEBRATES, 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.

ACCEPTED
11/08/2022
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 91234-252

ABAMECTIN	GROUP	6	INSECTICIDE

A131.04[™]

Alternate Brand Name: Enterik 0.7 SC

[Contains abamectin, the active ingredient used in Agri-Mek® SC Miticide/Insecticide. **[A131.04]** is not manufactured, or distributed by Syngenta Crop Protection, LLC, seller of Agri-Mek® SC Miticide/Insecticide.]

Active Ingredient:

Abamectin[1]:	8.0%
OTHER INGREDIENTS:	92.0%
TOTAL	100.0%

[1]CAS No. 71751-41-2
A131.04 is formulated as a suspension concentrate and contains 0.7 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.)

See below [inside label booklet] for [additional] First Aid, [and] [Precautionary Statements] [and] [Directions for Use].

EPA Reg. No.: 91234-XX

EPA Est. No.:

Net Contents:

Lot No.:

{LANGUAGE INSIDE BOOKLET}

FIRST AID	
If swallowed:	• Call poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • **DO NOT** induce vomiting unless told to do so by the poison control center or doctor. • **DO NOT** give anything by mouth to an unconscious person.
If inhaled:	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

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 parenteral fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms, and measurements.

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

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 SafetyCall at **1-844-685-9173** for emergency medical treatment information.

For Chemical Emergency:
Spill, Leak, Fire, Exposure, or Accident,
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING/AVISO

May be fatal if swallowed. May be fatal if inhaled. **DO NOT** breathe vapor or spray mist. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

Personal Protective Equipment (PPE)

All applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride ≥ 14 mils, or Viton® ≥ 14 mils
- Shoes plus socks
- Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any R or P filter; OR a NIOSH approved elastomeric particulate respirator with any R or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

User Safety Requirements

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

Engineering Controls

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

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

User Safety Recommendations

Users should:

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

Surface Water Advisory

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 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.

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

Physical or Chemical Hazards

Do not mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

A131.04 Insecticide must be used only in accordance with instructions on this label, in a supplemental label or in state-specific 24C labeling. Always read the entire label, including the Conditions of Sale and Limitation of Warranty and Liability.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers are allowed in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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

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 (WPS).

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: For grape girdling, cane turning, and tying in grapes, DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 days.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over short pants and short-sleeved shirt
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride ≥ 14 mils, or Viton® ≥ 14 mils
- Shoes plus socks

Product Information

A131.04 is a suspension concentrate that will control specified pests on the crops listed on this label when the product is applied as directed by this label. Thorough coverage of foliage is essential for good mite and insect control.

A131.04 has been tested for phytotoxicity and has a wide margin of safety on a variety of crops. For tank mix safety refer to **Tank Mix**

A131.04 must always be used with an adjuvant.

Seed Treatment: Unless specifically restricted in the individual **Crop Use Directions** on this label, **A131.04** may be used in the same year abamectin is used as an at-plant seed treatment.

Suppression can mean either inconsistent control (good to poor) or consistent control at a level below that generally considered acceptable for commercial control.

Resistance Management

ABAMECTIN	GROUP	6	INSECTICIDE

For resistance management, **A131.04** contains a Group 6 miticide/insecticide. Any insect or mite population may contain individuals that are naturally resistant to **A131.04** and other Group 6 miticide/insecticides. The resistant individuals may dominate the insect or mite population if this group of miticides/insecticides are used repeatedly in the same fields. Appropriate resistance management strategies should be followed.

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

- Rotate the use of **A131.04** or other Group 6 insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. **DO NOT** rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
    - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
    - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
    - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
    - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
    - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological, and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact your local Atticus representative at 984-465-4800.

Maintaining Susceptibility To These Classes Of Chemistry

- Avoid using Group 6 miticides/insecticides exclusively for season long control of insector mite species with more than one generation per crop season.
- For insect or mite species with successive or overlapping generations, apply **A131.04** or other Group 6 miticides/insecticides using a "treatment window" approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil,foliar, unless otherwise stated) of the Group 6 miticides/insecticides. **DO NOT** exceed the maximum **A131.04** allowed per year.
- Following a treatment window of Group 6 miticides/insecticides, rotate to a treatment window of effective products with a different mode of action before making additional applications of Group 6 miticides/insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area,is considered an effective strategy for preventing or delaying a pest's ability to develop resistance to these classes of chemistry.
- If resistance is suspected, **DO NOT** reapply **A131.04** or other Group 6 miticides/insecticides.

APPLICATION DIRECTIONS

Methods of Application

- Foliar applications of **A131.04** are permitted by ground, by air or via chemigationas specified in **Crop Use Directions**, unless otherwise restricted in the **Use Restrictions** section.
- Refer to **Application through Irrigation Systems(Chemigation)** for details of application by chemigation.

Application Equipment

- Spray equipment configuration should be arranged to provide accurate, uniform,and thorough coverage of the target crop and minimize potential for spraydrift.
- To ensure accuracy, calibrate sprayer before each use.
- For information on spray equipment and calibration, consult spray equipment manufacturers and/or state recommendations.
- All [ground/aerial/chemigation] application equipment must be properly maintainedand calibrated using appropriate carriers.

Application Volume and Spray Coverage

See Crop-specific Use Directions for additional application volume information.

- Thorough spray coverage is essential for good insect and mitecontrol.
- Use sufficient water carrier to obtain thorough, uniform coverage.
- The highest labeled rate for a specified pest may be needed when aerial applications are made.

Mixing Directions

1. Thoroughly clean spray equipment before using this product.
2. Prepare no more spray mixture than is needed for the immediate operation.
3. Keep product container tightly closed when not in use.
4. Agitate the spray solution before and duringapplication.
5. **DO NOT** let the spray mixture stand overnight in the spray tank.
6. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously-treated area.

A131.04 Alone

1. Fill clean spray tank 1/4 - 1/2 full of water.
2. Add **A131.04** directly to the spray tank.
3. Mix thoroughly to fully disperse the insecticide/miticide. Once dispersed, continuous agitation is required.
4. Use mechanical or hydraulic means; **DO NOT** use air agitation.

Tank-Mix Precautions

- It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.
- The safety of all potential tank mixes on all crops may not have been tested. Before applying any tank mixture not specifically recommended on this label, the safety to the target crop should be confirmed.
- Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are labeled.
- Tank mixes of **A131.04** with other pesticides, fertilizers, or any other additives not specifically labelled for use with **A131.04** may result in tank mix incompatibility or unsatisfactory performance. In such cases, always check tank mix compatibility by conducting a jar test according to guidance in the **Tank-Mix Compatibility** section before actual tank mixing.

Agricultural products formulated with binder or sticker-type components may reduce performance of A131.04.

Tank-Mix Compatibility

- Conduct a jar test using a 1 pt to 1 qt container with lid by adding water or other intended carrier such as a liquid fertilizer to the jar.
- Next, add the appropriate amount of pesticides(s) or tank mix partner(s) in their relative proportions based on recommended label rates. Add tank mix components separately in the order described in the tank-mixing section. After each addition, shake or stir gently to thoroughly mix.
- After all ingredients have been added, put the lid on the jar, tighten and invert the jar 10 times to mix.
- After mixing, let the mixture stand 15 – 30 minutes and then examine for signs of incompatibility such as obvious separation, large flakes, precipitates, gels or heavy oily film on the jar.
- If the mixture remains mixed or can be remixed readily, it is physically compatible and can be used.
- If the mixture is incompatible, repeat the test using a compatibility agent at the recommended rate. Or, if applicable, slurry dry formulations in water before adding to the jar. If incompatibility is still observed after following these procedures, **DO NOT** use the mixture.
- After compatibility testing is complete, dispose of any pesticide wastes in accordance with the **Storage and Disposal** section of this label.

A131.04 In Tank Mixtures

1. Fill the tank with $^{1}/_{2}$ - $^{2}/_{3}$ volume of the mixing diluent.
2. Start the agitator running before adding any tank-mix partners.
3. Add all products in water-soluble packaging to the tank before any other tank-mix partner. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank-mix partner to the tank.
4. In general, add tank-mix partners in this order:
   a) products packaged in water-soluble packaging
   b) wettable powders
   c) wettable granules (dry flowables)
   d) liquid flowables
   e) liquids
   f) emulsifiable concentrates
5. Make sure all other products are fully dispersed in the mixing diluent before adding the recommended rate of this product to the tank.
6. Add the remainder of the mixing diluent volume.
7. Use continuous agitation in mixing and spraying equipment for best results.
8. Follow the precautions and limitations of the most restricted product in the tank mixture.

Spray Additives

- To avoid illegal crop residues, **A131.04 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) unless otherwise indicated in **Crop Use Directions.**
- Non-ionic activator type wetting, spreading and/or penetrating spray adjuvants include:
  - Non-ionic surfactants (NIS) with at least 75% surface active agent
  - Crop oil concentrates (COC)
  - Vegetable oil concentrates (VOC)
  - Methylated seed/vegetable oils (MSO)
  - Organosilicones (OS) with at least 15% emulsifiers/surfactants
  - Blends of these non-ionic activator type spray adjuvants.
- Spray adjuvants must be compatible with **A131.04** 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 **Crop Use Directions** for individual crops on this label.
- **DO NOT use binder or sticker-type adjuvants because these type adjuvants may reduce translaminar movement of the active ingredient into the plant which could result in reduced performance.**
- **Atticus** recommends the use of a Chemical Producers and Distributors Association (CPDA) certified spray adjuvant.

Application through Irrigation Systems (Chemigation)

Chemigation Restrictions

- Application by sprinkler irrigation (chemigation) may only be used for onions, bulb onions, green onions, and tuberous and corm vegetables (suppression of thrips).
- Sprinkler Irrigation Application Only.
- Apply **A131.04** 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 **A131.04** applied by chemigation.
- Apply this product 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.

Operating Instructions For Chemigation

1. 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 backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check- valve to prevent the flow of fluid back toward the injection pump.
3. 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.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. 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.
6. 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 capable of being

fitted with a system interlock.

7. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment or non- uniform distribution of treated water.

Specific Instructions For Public Water Systems

1. 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.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must 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.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. 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 capable of being fitted with a system interlock.
7. DO NOT apply when wind speed favors drift beyond the area intended for treatment.

Application Directions For Irrigation Systems

1. Application by sprinkler irrigation (chemigation) may be used for onions, bulb onions, green onions, and tuberous and corm vegetables (suppression of thrips).
2. Apply A131.04 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 A131.04 applied by chemigation.
3. Check the irrigation system to insure 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.
4. Apply by injecting the recommended rate of **A131.04** 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 insure 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.
5. In addition to the above recommendations, if application is being made during a normal irrigation set of a stationary sprinkler, the recommended rate of **A131.04** 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.

Rotational Crop Restrictions

There are no rotational (plant-back) restrictions with **A131.04.** Treated areas may be replanted with any crop as soon as practical following the last application.

Restrictions

See below for crop-specific restrictions.

Use Restrictions

- **DO NOT** treat plants grown for transplanting. **A131.04** is not for use in nurseries, plant propagation houses, or greenhouses by commercial transplant producers on plants being grown for transplanting.
- **DO NOT** use on crops grown to harvest in greenhouses unless specified in the crop use section of this label.
- **DO NOT** use in residential areas or residential landscapes.
- **DO NOT** apply **A131.04** with aircraft in New York State.
- **A131.04** must always be used with an adjuvant. To avoid illegal crop residues, **A131.04** 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). Refer to **Spray Additives** section for details.

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

Spray Drift Management

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.

Air Blast Applications:

- Sprays must be directed into the canopy.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site
- User must turn off outward pointing nozzles at the row end and when spraying 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 ft 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 mph 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.

Vegetative Buffer Strip

- **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.

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.

Ground and Aerial Application Advisories

- **WIND -** Drift potential generally increases with wind speed. AVOID APPLICATIONS WHEN WIND SPEEDS EXCEED 15 MPH AT THE APPLICATION SITE. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.
- **TEMPERATURE AND HUMIDITY -** To compensate for evaporation when applying **A131.04** in low relative humidity, set up equipment to produce larger droplets. When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation. Evaporation of droplets is most severe when conditions are both hot and dry.
- **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 temperatures inversions.
- **DO NOT** allow this product to drift onto non-target areas. Drift may result in illegal residues or injury to non-target species. Risk of exposure to sensitive areas can be reduced by applying this product when the wind direction is away from the sensitive area.
- **DO NOT** apply when the weather conditions may cause drift.

  o 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.

Aerial Application Spray Drift Advisories

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

- **Nozzle Direction -** Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.
- **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.
- **Number of Nozzles -** Use the minimum number of nozzles that provide uniform coverage.
- **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 75% of the wingspan or rotor

length may further reduce drift without reducing swath width.

- **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.
- **RELEASE HEIGHT -** Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind. Higher release heights increase the potential for spray drift.

Ground Application Spray Drift Advisories

- 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 fishponds:
  - **DO NOT** apply **A131.04** when weather conditions favor drift to aquatic areas.
  - **DO NOT** apply within 110 ft upwind of aquatic areas or when wind speed is above 8 mph.
  - Spray last 3 rows windward of aquatic areas using nozzles on one side only, with spray directed away from the aquatic areas.
  - Avoid spray going over tops of trees by adjusting or turning off top nozzles. Shut off nozzles on the side away from the grove/orchard when spraying the outside row. Shut off nozzles when turning at ends of row and passing tree gaps in rows.
- **BOOM HEIGHT -** For ground equipment, the boom should remain level with the crop and have minimal bounce.
- **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.

CROP USE DIRECTIONS

Choose lower rate for light infestations and the higher rate for heavy infestations.

Arugula [*]

Crops (including all cultivars, varieties, and/or hybrids of these)			
Arugula			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Carmine spider mite *Liriomyza* leafminers Twospotted spider mite	1.75 - 3.5 (0.01 – 0.019 lb ai)	Apply when spider mites or adult leafminer flies are first observed and repeat application if needed to maintain control.	Apply this product diluted in a minimum volume of 20 gal /A by ground or 5 gal/A by air. With aerial application, the resulting level and duration of control could be less than with ground application. 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.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 7 days
3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product.
4) **Pre-Harvest Interval (PHI):** 7 days
5) [*Not for use in Hawaii]

Avocado

Crops (Including all cultivars, varieties, and/or hybrids of these)			
Avocado			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Avocado Thrips[1] (*Scirtothrips perseae)* Persea mite (*Oligonychus perseae)*	2.25 - 4.25 (0.012 – 0.023 lb ai)	Apply when immature thrips are first observed but before numbers exceed 5 immature thrips per leaf/fruit. Make a second application if needed to main control at a minimum of 30 days after the first application.	**DO NOT** use a rate less than 2.25 fl oz/A (0.012 lb ai). Adjust gallons of spray per acre based on size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good mite and insect control. Apply this product diluted in a minimum volume of 100 gal/A by ground or 50 gal/A by air. With aerial application, the resulting level and duration of control of thrips could be less than with ground application. **For Ground Application:** If spray volume is greater than 400 gal/A, apply **A131.04** at a rate of 0.5 fl oz per 100 gallons.

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

Precautions:

- To prevent crop injury when using horticultural spray oil, observe all precautions and restrictions on the horticultural spray oil label. When using horticultural spray oil concentrations above 2.0%, treat a small test area before making a large-scale application.

USE RESTRICTIONS

1) **Maximum Single Application Rate**: 4.25 fl oz **A131.04**/A (0.023 lb ai/A)
2) **Minimum Application Interval:** 30 days
3) **Maximum Annual Rate:** 8.5 fl oz **A131.04**/A/calendar year
4) **DO NOT** exceed 0.046 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
5) **DO NOT** apply more than 2 applications of **A131.04** or any other foliarly-applied abamectin-containing product per year.
6) **DO NOT** allow livestock to graze in treated orchards.
7) **Pre-Harvest Interval (PHI):** 14 days

Caneberry, Crop Subgroup 13-07A

Crops (Including all cultivars, varieties, and/or hybrids of these)			
Blackberry Loganberry	Raspberry, black and red	Wild raspberry	
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Spider mites	1.75 - 3.5 (0.01 - 0.019 lb ai)	Apply when mites are first observed and repeat application, if needed, to maintain control.	Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control. Apply this product diluted in a minimum volume of 10 gal/A by ground or 5 gal/A by air. 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.
Broad mite	3.5 (0.019 lb ai)		

USE RESTRICTIONS

1) **Maximum Single Application Rate**: 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 7 days
3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** apply more than 2 sequential applications of **A131.04** or any other foliar-applied abamectin-containing product.
4) **DO NOT** apply from onset of flowering until petal fall is complete.
5) **Pre-Harvest Interval (PHI):** 7 days

Celeriac

Crops (including all cultivars, varieties, and/or hybrids of these)			
Celeriac (*Apium graveolens)*			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Twospotted spider mite	3.5 (0.019 lb ai)	Apply when mites first appear and repeat if necessary to maintain control.	Thorough coverage of the crop canopy is essential for optimum results. Inadequate crop coverage can result in reduced control. Apply this product diluted in a minimum volume of 20 gal/A.

USE RESTRICTIONS
1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A) 2) **Minimum Application Interval:** 7 days 3) **Maximum Annual Rate (After Transplanting Celeriac):** 10.25 fl oz **A131.04**/A/calendar year. a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly applied abamectin-containing product. 4) **DO NOT** apply by air. 5) **Pre-Harvest Interval (PHI):** 7 days

Celtuce [*]

Crops (including all cultivars, varieties, and/or hybrids of these)			
Celtuce			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Carmine spider mite *Liriomyza leafminers* Twospotted spider mite	1.75 - 3.5 (0.01 - 0.019 lb ai)	Apply when spider mites or adult leafminer flies are first observed and repeat application if needed to maintain control.	Apply this product diluted in a minimum volume of 20 gal/A by ground or 5 gal/A by air. With aerial application, the resulting level and duration of control could be less than with ground application. 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.

USE RESTRICTIONS
1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A) 2) **Minimum Application Interval:** 7 days 3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly applied abamectin-containing product. 4) **Pre-Harvest Interval (PHI):** 7 days 5) [*Not for use in Hawaii]

Citrus Fruit, Crop Group 10-10

Crops (Including cultivars, varieties, and/or hybrids of these)		
Australian desert lime	Lemon	Satsuma mandarin
Australian finger lime	Lime	Sweet lime
Australian round lime	Mediterranean mandarin	Tachibana orange
Brown River finger lime	Mount White lime	Tahiti lime
Calamondin	New Guinea wild lime	Tangelo
Citron	Orange, sour	Tangerine (mandarin)
Citrus hybrids	Orange, sweet	Tangor
Grapefruit	Pummelo	Trifoliate orange
Japanese Summer Grapefruit	Russell River lime	Uniq fruit
Kumquat		

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Citrus leafminer Citrus rust mite	1.0 - 4.25 (0.005 – 0.023 lb ai)	For **Asian citrus psyllid** control, apply to protect newly expanding foliage flush during the spring, summer or fall. For **broad mite** control, apply when mites first appear during spring, summer, or fall. For **citrus bud mite** control, time the spray at "bud swell" for best results. For **citrus leafminer** control, apply to protect new growth during spring, summer, or fall. For **citrus thrips** control, application 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).	Aerial application is permitted **only** for control of **citrus leafminer** and **Asian citrus psyllid**. For all other pests, apply only by ground application. Apply this product diluted in a minimum volume of 25 gal/A by ground or 10 galA by air. With aerial application, the resulting level and duration of control of **Asian citrus psyllid** and **citrus leafminer** could be reduced compared to ground application. When applying by air, use the higher end of the rate range (3.75 – 4.25 fl oz/A). 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
Asian citrus psyllid Broad mite Citrus bud mite Citrus thrips Twospotted spider mite	2.25 - 4.25 (0.012 – 0.023 lb ai)		

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 4.25 fl oz **A131.04**/A (0.023 lb ai/A)
2) **Minimum Application Interval:** 30 days
3) **Maximum Annual Rate:** 8.5 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.046 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
4) **DO NOT** make more than 3 applications of **A131.04** or any other foliarly-applied abamectin-containing product per year.
5) Application of this product is prohibited from the onset of flowering until the end of the flowering period. Observe defined flowering periods as established by local university extension offices, County Agricultural Commissioners, or other state/tribal lead agencies. In areas where these authorities do not provide a declaration or definition of flowering onset and end, applications are prohibited from onset of flowering until flowering is complete
6) **DO NOT** apply from onset of flowering until after petal fall is complete.
7) **DO NOT** apply by air except to control citrus leafminer and Asian citrus psyllid.
8) **DO NOT** allow livestock to graze in treated citrus groves.
9) **DO NOT** use in citrus nurseries.
10) **Pre-Harvest Interval (PHI):** 7 days

Corn (sweet)

Crops (Including cultivars, varieties, and/or hybrids of these)			
Sweet Corn			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Spider mites (Tetranychid species including Banks Grass Mite)	1.75 – 3.5 (0.01 – 0.019 lb ai)	Apply when spider mites are first observed and repeat application, if needed, to maintain control.	Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control. Apply this product diluted in a minimum volume of 10 gal/A by ground or 5 gal/A by air. With aerial application, the resulting control of spider mites could be less than with ground application. 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.
USE RESTRICTIONS			
1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A) 2) **Minimum Application Interval:** 7 days 3) **Maximum Annual Rate:** 7.0 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.038 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 2 sequential applications of **A131.04** or any foliar-applied abamectin- containing products. 4) **Pre-Harvest Interval (PHI): 7 days (forage, ears or stover)**			

Cotton

Crops (Including cultivars, varieties, and/or hybrids of these)			
Cotton			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Carmine spider mite Pacific spider mite Strawberry spider mite Twospotted spider mite	1.0 – 1.25 (0.005 – 0.007 lb ai) Early- Season Cotton 1.75 – 3.5 (0.01 – 0.019 lb ai)	Apply when mites first appear. Repeat application, if needed, to maintain control.	Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control. Apply this product diluted in a minimum volume of 5 gal/A by ground or air. With aerial application, spray coverage and the resulting level and duration of control of mites may be less than with ground application. **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.

USE RESTRICTIONS
1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A) 2) **Minimum Application Interval:** 21 days 3) **Maximum Annual Rate:** 7.0 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.038 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). 4) **DO NOT** feed or allow livestock to graze treated cotton. 5) **Pre-Harvest Interval (PHI):** 20 days

Cress, Garden & Upland[*]

Crops (Including cultivars, varieties, and/or hybrids of these)			
Cress, garden Cress, upland			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Carmine spider mite Liriomyza leafminers Twospotted spider mite	1.75 – 3.5 (0.01 – 0.019 lb ai)	Apply when spider mites or adult leafminer flies are first observed and repeat application if needed to maintain control.	Apply this product diluted in a minimum volume of 20 /A by ground or 5 gal/A by air. With aerial application, the resulting level and duration of control could be less than with ground application. 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.

USE RESTRICTIONS
1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A) 2) **Minimum Application Interval:** 7 days 3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product. 4) **Pre-Harvest Interval (PHI):** 7 days 5) [*Not for use in Hawaii]

Cucurbit Vegetables, Crop Group 9

Crops (Including cultivars, varieties, and/or hybrids of these)		
Chayote (fruit) Chinese waxgourd (Chinese preserving melon) Citron melon Cucumber Gherkin **Gourd, edible** Hyotan Cucuzza Hechima Chinese okra ***Momordica* spp.** Balsam apple Balsam pear Bitter melon Chinese cucumber	**Muskmelon** (*Cucumis melo)* Cantaloupe Casaba Crenshaw melon Golden pershaw melon Honeydew melon Honey balls Mango melon Persian melon Pineapple melon Santa Claus melon Snake melon True cantaloupe	Pumpkin **Squash, summer** Crookneck squash Scallop squash Straightneck squash Vegetable marrow Zucchini **Squash, winter** Acorn squash Butternut squash Calabaza Hubbard squash Spaghetti squash Watermelon (*Citrullus lanatus)*

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Liriomyza leafminers Spider mites	1.75 – 3.5 (0.01 – 0.019 lb ai)	Apply when spider mites or adult leafminer flies are first observed and repeat application, if needed, to maintain control.	Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control. Apply this product diluted in a minimum volume of 20 gal/A by ground or 5 gal/A by air. With aerial application, the resulting level and duration of control could be less than with ground application. 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.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 7 days
3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product.
4) **Pre-Harvest Interval (PHI):** 7 days

Dried Shelled Pea and Bean (except Soybean) Crop Subgroup 6C [**]

Crops (Including cultivars, varieties, and/or hybrids of these)		
Broad bean (dry)	***Phaseolus* spp.**	***Vigna* spp.**
Chickpea	Field bean[*]	Adzuki bean[*]
Guar[*]	Kidney bean	Blackeyed pea
Lablab bean (hyacinth bean) [*]	Lima bean (dry)	Catjang[*]
Lentil[*]	Navy bean	Cowpea
	Pinto bean	Crowder pea
***Lupinus* spp.**	Tepary bean[*]	Moth bean[*]
Grain lupin		Mung bean
Sweet lupin	Pigeon pea[*]	Rice bean[*]
White lupin		Southern pea
White sweet lupin	***Pisum* spp.**	Urd bean[*]
	Field pea [*]	

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Liriomyza leafminers spider Mites	1.75 - 3.5 (0.01 – 0.019 lb ai)	Apply when adult leafminer flies or spider mites are first observed and repeat application, if needed, to maintain control.	Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control. Apply this product diluted in a minimum volume of 10 gal/A by ground or 5 gal/A by air. 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, or adverse application conditions (such as high temperatures), use a greater volume of water to ensure adequate coverage.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 6 days
3) **Maximum Annual Rate:** 10.5 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.057 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product.
4) **DO NOT** allow livestock to graze pea or bean forage.
5) **DO NOT** harvest pea or bean forage or hay for use as livestock feed. For use on cowpeas that are grown only for dry seed.
6) **Pre-Harvest Interval (PHI):** 7 days
7) [**Not for Use in California]
8) [*Not for Use in Hawaii]

Edible-Podded Legume Vegetables Crop Subgroup 6A [**]

Crops (Including cultivars, varieties, and/or hybrids of these)		
Jackbean[*]	***Pisum* spp.**	Sword bean[*]
***Phaseolus* spp.**	Dwarf pea[*]	***Vigna* spp.**
Runner bean[*]	Edible-podded pea [*]	Asparagus bean
Snap bean	Snow pea[*]	Chinese longbean[*]
Waxbean	Sugar snap pea[*]	Moth bean[*]
	Pigeon pea[*]	Yardlong bean[*]
	Soybean (immature seed) [*]	

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Liriomyza leafminers Spider Mites	1.75 - 3.5 (0.01 – 0.019 lb ai)	Apply when adult leafminer flies or spider mites are first observed and repeat application, if needed, to maintain control.	Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control. Apply this product diluted in a minimum volume of 10 gal/A by ground or 5 gal/A by air. 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, or adverse application conditions (such as high temperatures), use a greater volume of water to ensure adequate coverage.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 6 days
3) **Maximum Annual Rate:** 10.5 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.057 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly applied abamectin-containing product.
4) **DO NOT** allow livestock to graze pea or bean forage.
5) **DO NOT** harvest pea or bean forage or hay for use as livestock feed.
6) **Pre-Harvest Interval (PHI):** 7 days
7) [**Not for Use in California]
8) [*Not for Use in Hawaii]

Fennel, Florence [*]

Crops (Including cultivars, varieties, and/or hybrids of these)			
Fennel, Florence			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Carmine spider mite *Liriomyza* leafminers Twospotted spider mite	1.75 - 3.5 (0.01 – 0.019 lb ai)	Apply when spider mites or adult leafminer flies are first observed and repeat application, if needed, to maintain control.	Apply this product diluted in a minimum volume of 20 gal/A by ground or 5 gal/A by air. With aerial application, the resulting level and duration of control could be less than with ground application. 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.
USE RESTRICTIONS			
1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A) 2) **Minimum Application Interval:** 7 days 3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product. 4) **Pre-Harvest Interval (PHI):** 7 days 5) [*Not for use in Hawaii]			

Fruiting Vegetables, Crop Group 8-10

Crops (Including cultivars, varieties, and/or hybrids of these)		
African eggplant	Goji berry	Nonbell Pepper
Bush tomato	Groundcherry	Roselle
Bell pepper	Martynia	Scarlet eggplant
Cocona	Naranjilla	Sunberry
Currant tomato	Okra	Tomatillo
Eggplant	Pea eggplant	Tomato
Garden huckleberry	Pepino	Tree tomato

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Broad mite Colorado potato beetle *Liriomyza* leafminers Spider mites *Thrips palmi* Tomato psyllid Tomato russet mite	1.75 - 3.5 (0.01 – 0.019 lb ai)	For **broad, russet and spider mite** control, apply when mites first appear. For ***Thrips palmi*** control, apply when thrips first appear.	**All crops except commercially grown greenhouse tomato:** Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control.

Tomato pinworm	3.5 (0.019 lb ai)	For **tomato pinworm** control, 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. For **thrips**, if populations are above threshold, use an effective thrips knockdown product before spraying **A131.04.**	Apply this product diluted in a minimum volume of 20 gal/A by ground or 5 gal/A by air. With aerial application, the resulting level and duration of control could be less than with ground application. 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. **Commercially grown greenhouse tomato only:** Apply by ground only. Thorough coverage is essential for optimum results. Select a spray volume appropriate for the size of plants and density of foliage, but apply this product diluted in a minimum volume of 20 gal/A. 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.
Commercially grown greenhouse tomato only: *Liriomyza* leafminers Spider mites *Thrips palmi* Tomato psyllid Tomato russet mite	1.75 - 3.5 (0.01 – 0.019 lb ai)		
Commercially grown greenhouse tomato only: Tomato pinworm	3.5 (0.019 lb ai)		

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 7 days
3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year
   a. **DO NOT exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).**
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product.
4) Not for use on commercially grown greenhouse tomatoes in New York State.
5) **Pre-Harvest Interval (PHI):**
   a. **Commercially grown greenhouse tomatoes:** 1 day
   b. **All other crops:** 7 days

Grapes and Small Fruit Climbing Subgroup (Except Fuzzy Kiwifruit), Crop Subgroup 13-07F

Crops (Including cultivars, varieties, and/or hybrids of these)		
Amur River Grape	Grape	Maypop
Gooseberry	Kiwifruit, hardy	Schisandra Berry

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Pacific spider mite Twospotted spider mite Variegated leafhopper Western grape leafhopper Western grapeleaf skeletonizer Willamette spider mite	1.75 - 3.5 (0.01 – 0.019 lb ai)	**Spider mites**: Apply when mites first appear but before motiles exceed 5 per leaf. **Western grapeleaf skeletonizer**: Apply when larvae are first observed. For optimum control, apply shortly after egg hatch. **Leafhoppers: A131.04** provides contact knock-down only.	Thorough coverage is essential for spider mite and insect control. **A131.04** must be applied to both sides of each row for maximum coverage. **DO NOT** spray alternate rows. Apply this product diluted in a minimum volume of 50 gal/A with conventional ground application equipment. Less than 50 gal/A can be used with an electro-static sprayer; however, **DO NOT** use less than 5 gal/A.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 21 days
3) **Maximum Annual Rate:** 7.0 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.038 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 applications of **A131.04** or any other foliarly-applied abamectin- containing product per year.
4) **DO NOT** apply by air.
5) **DO NOT** allow livestock to graze in treated vineyards.
6) **DO NOT** apply from onset of flowering until after petal fall is complete.
7) **Pre-Harvest Interval (PHI):** 28 days

Guava

Crops (Including cultivars, varieties, and/or hybrids of these)		
Acerola	Jaboticaba	Starfruit
Feijoa	Passionfruit	Wax Jambu
Guava		

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Twospotted spider mite	2.25 – 4.25 (0.012 – 0.023 lb ai)	Apply when mites first appear during spring, summer, and/or fall.	Apply this product diluted in a minimum volume of 50 gal/A with conventional ground application equipment. Less than 50 gal/A can be used with an electro-static sprayer; however, **DO NOT** use less than 5 gal/A.

USE RESTRICTIONS
1) **Maximum Single Application Rate**: 4.25 fl oz **A131.04**/A (0.023 lb ai/A) 2) **Minimum Application Interval:** 14 days 3) **Maximum Annual Rate:** 12.75 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.07 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 3 applications of **A131.04** or any other foliarly applied abamectin- containing product per year. 4) **DO NOT** apply by air. 5) **Pre-Harvest Interval (PHI):** 7 days

Herb, Crop Subgroup 19A

Crops (Including all cultivars, varieties, and/or hybrids of these)			
Angelica	Coriander (leaf)	Lovage (leaf)	Rue
Balm	Cilantro, Chinese parsley	Marigold	Sage
Basil	Costmary	Marjoram (*Origanum* species)	Summer savory
Borage	Culantro (leaf)	sweet or annual	Winter savory
Burnet	Curry (leaf)	wild or oregano	Sweet bay
Camomile	Dill weed	pot	Tansy
Catnip	Horehound	Nasturtium	Tarragon
Chervil (dried)	Hyssop	Parsley (dried)	Thyme
Chives	Lavender	Pennyroyal	Wintergreen
Chives (Chinese)	Lemongrass	Rosemary	Woodruff
Clary			Wormwood

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Liriomyza leafminers Spider Mites	1.75 - 3.5 (0.01 – 0.019 lb ai)	Apply when adult leafminer flies or spider mites are first observed and repeat application, if necessary, to maintain control.	Apply this product diluted in a minimum volume of 20 gal/A with conventional ground application equipment.

USE RESTRICTIONS
1) **Maximum Single Application Rate**: 3.5 fl oz **A131.04**/A (0.019 lb ai/A) 2) **Minimum Application Interval:** 7 days 3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 2 applications of **A131.04** or any other foliarly-applied abamectin- containing product per single harvest and cutting. 4) **DO NOT** apply by air. 5) **DO NOT** apply from onset of flowering until after petal fall is complete. 6) **Pre-Harvest Interval (PHI):** a. **Chives:** 7 days b. **All other:** 14 days

Hops

Crops (Including cultivars, varieties, and/or hybrids of these)			
Hops			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Twospotted spider mite	1.75 - 3.5 (0.01 – 0.019 lb ai)	Apply **A131.04** when twospotted spider mites reach treatment thresholds.	Thorough coverage of the upper and lower leaves is essential for optimum results. Inadequate coverage can result in reduced control. For applications at ½ trellis growth (6-8 ft height), apply 1.75-3.5 fl oz/A diluted in a minimum of 40 gal /A. For applications beyond ½ trellis growth, apply 3.5 fl oz/gal/A diluted in a minimum of 100 gal/A.
USE RESTRICTIONS			
1) **Maximum Single Application Rate**: 3.5 fl oz **A131.04**/A (0.019 lb ai/A) 2) **Minimum Application Interval:** 21 days 3) **Maximum Annual Rate:** 7.0 fl oz **A131.04**/A/ calendaryear a. **DO NOT** exceed 0.038 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil,foliar). b. **DO NOT** make more than 2 applications of **A131.04** or any other foliarly applied abamectin- containing product peryear. 4) **DO NOT** allow livestock to graze in treated hops yards. 5) **DO NOT** apply by air. 6) **Pre-Harvest Interval (PHI):** 28 days 7) Not for Use in California			

Leaf Petiole Vegetables, Crop Subgroup 22B

Crops (Including cultivars, varieties, and/or hybrids of these)		
Cardoon	Fuki[*]	Udo[*]
Celery	Rhubarb	Zuiki[*]
Celery, Chinese		

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Carmine spider mite *Liriomyza* leafminers Twospotted spider mite	1.75 - 3.5 (0.01 – 0.019 lb ai)	Apply when spider mites or adult leafminer flies are first observed and repeat application if needed to maintain control.	Apply this product diluted in a minimum volume of 20 gal/A by ground or 5 gal/A by air. With aerial application, the resulting level and duration of control could be less than with ground application. 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.

USE RESTRICTIONS
1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A) 2) **Minimum Application Interval:** 7 days 3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product. 4) **Pre-Harvest Interval (PHI):** 7 days 5) [*Not for use in Hawaii]

Leafy Greens, Crop Subgroup 4-16A

Crops (Including cultivars, varieties, and/or hybrids of these)		
Amaranth, Chinese spinach	Dang-gwi, leaves[*]	Lettuce, leaf
Amaranth, leafy	Dillweed[*]	Orach
Aster, Indian[*]	Dock	Parsley, fresh leaves
Blackjack[*]	Dol-nam-mul[*]	Plantain, buckhorn[*]
Cat's whiskers[*]	Ebolo[*]	Primrose, English[*]
Cham-chwi[*]	Endive	Purslane, garden
Cham-na-mul[*]	Escarole	Purslane, winter
Chervil, fresh leaves	Fameflower[*]	Radicchio
Chipilin[*]	Feather cockscomb[*]	Spinach
Chrysanthenum, garland	Good King Henry[*]	Spinach, Malabar[*]
Cilantro, fresh leaves[*]	Huauzontle[*]	Spinach, New Zealand
Corn salad	Jute, leaves[*]	Spinach, tanier[*]
Cosmos[*]	Lettuce, bitter[*]	Swiss chard
Dandelion, leaves	Lettuce, head	Violet, Chinese, leaves[*]

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Carmine spider mite *Liriomyza* leafminers Twospotted spider mite	1.75 - 3.5 (0.01 – 0.019 lb ai)	Apply when spider mites or adult leafminer flies are first observed and repeat application, if needed, to maintain control.	Apply this product diluted in a minimum volume of 20 gal/A by ground or 5 gal/A by air. With aerial application, the resulting level and duration of control could be less than with ground application. 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.

USE RESTRICTIONS
1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A) 2) **Minimum Application Interval:** 7 days 3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product. 4) **Pre-Harvest Interval (PHI):** 7 days 5) [*Not for Use in Hawaii]

Low Growing Berry, Crop Subgroup 13-07G

Crops (Including cultivars, varieties, and/or hybrids of these)		
Bearberry	Cloudberry	Muntries
Bilberry	Cranberry	Partridgeberry
Blueberry, lowbush	Lingonberry	Strawberry

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Carmine spider mite Strawberry spider mite Twospotted spider mite **<u>Suppression:</u>** Cyclamen mite	3.5 (0.019 lb ai)	Make 2 applications 7-10 days apart when mites first appear. Repeat this application sequence, if needed, to maintain control.	Thorough coverage of the upper and lower leaves is essential for optimum results. Inadequate coverage can result in reduced control. Adjust spray volume and nozzle placement to ensure maximum coverage of tops and undersides of leaves. Apply this product diluted in a minimum volume of 50 gal/A with conventional ground application equipment. When using an electro-static sprayer DO NOT use in less than 10 gal/A. Cyclamen mite: Apply in sufficient water to obtain good coverage into the crown of the plant.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 21 days after second application
3) **Maximum Annual Rate:** 14 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.076 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
4) **DO NOT** apply by air.
5) **DO NOT** use in strawberry nurseries.
6) **Pre-Harvest Interval (PHI):** 3 days

Mint

Crops (Including cultivars, varieties, and/or hybrids of these)			
Peppermint Spearmint			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Twospotted spider mite	1.75 - 2.5 (0.01 – 0.014 lb ai)	Treat when spider mites first appear.	Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control. Apply this product diluted in a minimum volume of 20 gal/A by ground or 5 gal/A by air. With aerial application, the resulting level and duration of control of spider mites could be less than with ground application. 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

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 2.5 fl oz **A131.04**/A (0.014 lb ai/A)
2) **Minimum Application Interval:** 7 days
3) **Maximum Annual Rate:** 7.75 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.042 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliar-applied abamectin-containing product.
   c. **DO NOT** apply more than 3 applications of **A131.04** or any other foliar-applied abamectin- containing product per year.
4) **DO NOT** allow livestock to graze or feed treated foliage to livestock.

Pre-Harvest Interval (PHI): 28 days

Onion, Bulb, Crop Subgroup 3-07A

Crops (Including cultivars, varieties, and/or hybrids of these)		
Daylily, bulb	Lily, bulb	Onion, pearl
Garlic, bulb	Onion, bulb	Onion, potato, bulb
Garlic, great-headed, bulb	Onion, Chinese, bulb	Shallot, bulb
Garlic, serpent, bulb		

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Liriomyza leafminers Thrips	1.75 - 3.5 (0.01 – 0.019 lb ai)	For leafminer control, apply when adult leafminer flies are first observed and repeat application as needed. For thrips control, apply when thrips are at economic threshold. Repeat application, if needed, to maintain control.	Apply this product diluted in a minimum volume of 20 gal/A by ground or 5 gal/A by air. With aerial application and chemigation, the resulting level and duration of control could be less than with ground application. 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. **A131.04** may be applied through overhead sprinkler chemigation for suppression of thrips.

Resistance Management:

- Make 2 consecutive applications of **A131.04**, 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 **A131.04** applications.

Precaution:

- Insect control can be reduced if A131.04 is used in combination with a sticker or binder type product.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 7 days
3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliar-applied abamectin-containing product.
4) **DO NOT** use **A131.04** as a rescue treatment for thrips control.
5) **Pre-Harvest Interval (PHI):** 30 days

Onion, Green, Crop Subgroup 3-07B

Crops (Including cultivars, varieties, and/or hybrids of these)		
Chive, fresh leaves	Lady's leek	Onion, green
Chive, Chinese, fresh leaves	Leek	Onion, macrostem
Elegans hosta	Leek, wild	Onion, tree, tops
Fritillaria, leaves	Onion, Beltsville bunching	Onion, Welsh, tops
Kurrat	Onion, fresh	Shallot, fresh leaves

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Liriomyza leafminers Thrips	1.75 - 3.5 (0.01 – 0.019 lb ai)	For **leafminer** control, apply when adult leafminer flies are first observed and repeat application if needed. For **thrips** control, apply as part of a thrips management program. Begin making applications when populations are low (1-3 thrips/plant). Repeat application if needed. If populations are high, use an effective thrips knockdown product before spraying **A131.04**.	Apply this product diluted in a minimum volume of 20 gal/A by ground or 5 gal/A by air. With aerial application and chemigation, the resulting level and duration of control could be less than with ground application. 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. **A131.04** may be applied through overhead sprinkler chemigation for suppression of thrips.

Resistance Management:

- Make 2 consecutive applications of **A131.04** 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 **A131.04** applications.

Precaution:

- Insect control can be reduced if **A131.04** is used in combination with a sticker or binder-type product.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 7 days
3) **Maximum Annual Rate:** 14 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.076 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product.
4) **DO NOT** apply by air in New York State or California.
5) **DO NOT** use **A131.04** as a rescue treatment for thrips control.
6) **Pre-Harvest Interval (PHI):** 7 days

Papaya

Crops (Including all cultivars, varieties, and/or hybrids of these)		
Black sapote	Mamey sapote	Star apple
Canistel	Papaya	Sapodilla

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Twospotted spider mite	2.25 - 4.25 (0.012 – 0.023 lb ai)	For mite control, apply when mites first appear during spring, summer, and/or fall.	Apply this product diluted in a minimum volume of 50 gal/A with conventional ground application equipment. When using an electro-static sprayer, less than 50 galA may be used; however, **DO NOT** use less than 5 gal/A.

USE RESTRICTIONS
1) **Maximum Single Application Rate:** 4.25 fl oz **A131.04**/A (0.023 lb ai/A) 2) **Minimum Application Interval:** 14 days 3) **Maximum Annual Rate:** 12.75 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.070 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 3 applications of **A131.04** or any other foliarly applied abamectin- containing product per year. 4) **DO NOT** apply to mango. 5) **DO NOT** apply by air. 6) **Pre-Harvest Interval (PHI):** 7 days

Pineapple

Crops (Including cultivars, varieties, and/or hybrids of these)			
Pineapple			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Twospotted spider mite	2.25 - 4.25 (0.012 – 0.023 lb ai)	Apply when spider mites are first observed.	Apply this product diluted in a minimum volume of 50 gal/A with conventional ground application equipment. When using an electro-static sprayer, less than 50 gal/A may be used; however, **DO NOT** use less than 5 gal/A.
USE RESTRICTIONS			
1) **Maximum Single Application Rate:** 4.25 fl oz **A131.04**/A (0.023 lb ai/A) 2) **Minimum Application Interval:** 7 days 3) **Maximum Annual Rate:** 8.5 fl oz **A131.04**/A/calendar year a. **DO NOT** exceed 0.046 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar). b. **DO NOT** make more than 2 applications of **A131.04** or any other foliarly-applied abamectin- containing product per year. 4) **DO NOT** apply by air. 5) **Pre-Harvest Interval (PHI):** 16 weeks			

Pome Fruit, Crop Group 11-10

Crops (Including cultivars, varieties, and/or hybrids of these)		
Apple Azarole Crabapple Loquat	Mayhaw Medlar Pear Pear, Asian	Quince Quince, Chinese Quince, Japanese Tejocote

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
European red mite McDaniel spider mite Pear psylla Pear rust mite Twospotted spider mite Yellow mite Tentiform leafminer White apple leafhopper	2.25 - 4.25 (0.012 – 0.023 lb ai)	Apply when spider mite or insect thresholds are reached. Make a second application, if needed, to maintain control.	Thorough coverage is essential to obtain best results. Select a spray volume appropriate for the size of trees and density of foliage. Apply this product diluted in a minimum volume of 40 gal/A.

Precaution:

- Applying the combination of **A131.04** and horticultural spray oil fewer than 14 days before or after applying sulfur-containing products can result in phytotoxicity and crop loss.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 4.25 fl oz **A131.04**/A (0.023 lb ai/A)
2) **Minimum Application Interval:** 21 days
3) **Maximum Annual Rate:** 8.5 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.046 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 applications of **A131.04** or any other foliarly-applied abamectin- containing product per year.
4) **DO NOT** apply by air.
5) **DO NOT** allow livestock to graze in treated orchards.
6) **DO NOT** apply from onset of flowering until after petal fall is complete.
7) **Pre-Harvest Interval (PHI):** 28 days

Soybean

Crops (Including cultivars, varieties, and/or hybrids of these)			
Soybeans			
Target Pest	**Rate (fl oz/A)**	**Application Timing**	**Use Directions**
Spider Mites (Tetranychid species)	1.75 – 3.5 (0.01 – 0.019 lb ai)	Apply when spider mites are first observed and repeat application, if needed, to maintain control.	Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control. Apply this product diluted in a minimum volume of 10 gal/A by ground or 5 gal/A by air. With aerial application, the resulting control of spider mites could be less than with ground application. 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.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 7 days
3) **Maximum Annual Rate:** 7.0 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.038 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product.
4) **DO NOT** allow livestock to graze in treated areas or harvest treated soybean forage, straw or hay as feed for meat or dairy animals.
5) **DO NOT** feed treated soybean fodder or silage to meat or dairy animals.
6) **Pre-Harvest Interval (PHI):** 28 days

Stone Fruit, Crop Group 12-12

Crops (Including cultivars, varieties, and/or hybrids of these)		
Apricot	Jujube, Chinese	Plum, cherry
Apricot, Japanese	Nectarine	Plum, Chickasaw
Capulin	Peach	Plum, Damson
Cherry, black	Plum	Plum, Japanese
Cherry, Nanking	Plum, American	Plum, Klamath
Cherry, sweet	Plum, beach	Plum, Prune (fresh)
Cherry, tart	Plum, Canada	Plumcot
		Sloe

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
European red mite Pacific spider mite Twospotted spider mite	2.25 - 4.25 (0.012 – 0.023 lb ai)	Apply when spider mites first appear. Make a second application, if needed, to maintain control.	Select a spray volume appropriate for the size and number of trees and density of foliage to ensure thorough coverage. Apply this product diluted in a minimum volume of 40 gal of carrier/A.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 4.25 fl oz **A131.04**/A (0.023 lb ai/A)
2) **Minimum Application Interval:** 21 days
3) **Maximum Annual Rate:** 8.5 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.046 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 applications of **A131.04** or any other foliarly-applied abamectin- containing product per year.
4) **DO NOT** apply by air.
5) **DO NOT** allow livestock to graze in treated orchards.
6) **DO NOT** apply from onset of flowering until after petal fall is complete.
7) **Pre-Harvest Interval (PHI):** 21 days

Succulent Shelled Pea & Bean Crop Subgroup 6B (except cowpea) [**]

Crops (Including cultivars, varieties, and/or hybrids of these)		
***Phaseolus* spp.** Lima bean (green) Broad bean (succulent)	***Vigna* spp.** Blackeyed pea Southern pea	***Pisum* spp.** English pea[*] Garden pea[*] Green pea[*] Pigeon pea[*]

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Liriomyza leafminers Spider Mites	1.75 - 3.5 (0.01 – 0.019 lb ai)	Apply when adult leafminer flies or spider mites are first observed and repeat application, if needed, to maintain control.	Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control. Apply this product diluted in a minimum volume of 10 gal/A by ground or 5 gal/A by air. 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, or adverse application conditions (such as high temperatures), use a greater volume of water to ensure adequate coverage.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 6 days
3) **Maximum Annual Rate:** 10.5 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.057 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly applied abamectin-containing product.
4) **DO NOT** allow livestock to graze pea or bean forage.
5) **DO NOT** harvest pea or bean forage or hay for use as livestock feed.
6) **Pre-Harvest Interval (PHI):** 7 days
7) [**Not for Use in California]
8) [*Not for Use in Hawaii]

Tree Nuts, Crop Group 14-12

Crops (Including cultivars, varieties, and/or hybrids of these)		
African nut-tree	Coconut	Okari nut
Almond	Coquito nut	Pachira nut
Beech nut	Dika nut	Peach palm nut
Brazil nut	Ginkgo	Pecan
Brazilian pine	Guiana chestnut	Pequi
Bunya	Hazelnut (filbert)	Pili nut
Bur oak	Heartnut	Pine nut
Butternut	Hickory nut	Pistachio
Cajou nut	Japanese horse-chestnut	Sapucaia nut
Candlenut	Macadamia nut	Tropical almond
Cashew	Mongongo nut	Walnut, black
Chestnut	Monkey-pot	Walnut, English
Chinquapin	Monkey puzzle nut	Yellowhorn

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
European red mite Pacific spider mite Strawberry spider mite Twospotted spider mite	2.25 - 4.25 (0.012 – 0.023 lb ai)	For spider mite control, apply when spider mites first appear. Residual spider mite control is greater from spray deposits on newer leaves compared to older leaves. Make a second application, if needed, to maintain control.	Adjust gallons of spray per acre based on size and number of trees per acre and density of foliage. Thorough coverage is essential for good spider mite and insect control. Apply this product diluted in a minimum volume of 40 gal/A.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 4.25 fl oz **A131.04**/A (0.023 lb ai/A)
2) **Minimum Application Interval:** 21 days
3) **Maximum Annual Rate:** 8.5 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.046 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 applications of **A131.04** or any other foliarly applied abamectin- containing product per year.
4) **DO NOT** apply by air.
5) **DO NOT** allow livestock to graze in treated groves/orchards.
6) **DO NOT** apply from onset of flowering until after petal fall is complete.
7) **Pre-Harvest Interval (PHI):** 21 days

Tropical and Subtropical, Small Fruit, Inedible Peel, Crop Subgroup 24A [**]

Crops (Including cultivars, varieties, and/or hybrids of these)		
Aisen[*]	Madras-thorn[*]	Satinleaf[*]
Bael fruit[*]	Mandruro[*]	Sierra Leone-tamarind[*]
Burmese grape [*]	Matisia[*]	Spanish lime
Cat's eyes	Mesquite[*]	Velvet tamarind[*]
Inga[*]	Mongongo, fruit[*]	Wampi[*]
Longan	Pawpaw, small-flower[*]	White apple star[*]
Lychee		

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Twospotted spider mite *Liriomyza* leafminers Thrips	2.25 – 4.25 (0.012 – 0.023 lb ai)	**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).	Apply this product diluted in a minimum volume of 50 gal/A with conventional ground application equipment. When using an electro-static sprayer, less than 50 gal/A may be used; however, DO NOT use less than 5 gal/A. 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.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 4.25 fl oz **A131.04**/A (0.023 lb ai/A)
2) **Minimum Application Interval:** 30 days
3) **Maximum Annual Rate:** 8.5 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.046 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 applications of **A131.04** or any other foliarly-applied abamectin- containing product per year.
4) **DO NOT** apply by air.
5) **Pre-Harvest Interval (PHI):** 14 days
6) [**Not for Use in California]
7) [*Not for Use in Hawaii]

Tuberous and Corm Vegetables, Crop Subgroup 1C

Crops (Including cultivars, varieties, and/or hybrids of these)		
Arracacha	Chayote (root)	Sweet potato
Arrowroot	Chufa	Tanier
Artichoke, Chinese	Dasheen	Turmeric
Artichoke, Jerusalem	Ginger	Yam bean
Canna, edible	Leren	Yam, true
Cassava, bitter and sweet	Potato	

Target Pest	Rate (fl oz/A)	Application Timing	Use Directions
Colorado potato beetle Liriomyza leafminers Potato psyllid Spider mites	1.75 - 3.5 (0.01 – 0.019 lb ai)	For **Colorado potato beetle** control, make the first application after approximately 50% of the egg masses have hatched and early instar larvae are present. If two applications are needed, limit them to a single Colorado potato beetle generation per crop. For ***Liriomyza*** **leafminer** control, make the first application when adult flies are first observed. Repeat applications as needed to maintain control. For **spider mite** control, make the first application when mites first appear. Repeat application as needed to maintain control. For **Thrips** suppression, apply in a thrips management program and when thrips are at economic threshold. Repeat application as needed to maintain control. For **nematodes** suppression in **potatoes**, apply as a nematode management program. For best results make 2 applications 7 to 14 days apart through overhead sprinkler chemigation.	Thorough coverage of the crop canopy is essential for optimum results. Apply this product diluted in a minimum volume of 20 gal/A by ground or 5 gal/A by air. With aerial application and chemigation, the resulting level and duration of control of insects and spider mites could be less than with ground application. 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. May be applied through overhead sprinkler chemigation for suppression of thrips. May be applied through overhead sprinkler chemigation for suppression of nematodes in potatoes.
<u>Suppression:</u> Thrips Nematodes [**] [**Not for use in California]	3.5 (0.019 lb ai)		

Resistance Management:

- **Colorado Potato Beetle:**
  - Application(s) to the following generation of Colorado potato beetle must be with an effective product with a different mode of action.

Precaution:

- Insect control can be reduced if **A131.04** is used in combination with a sticker or binder-type product.

USE RESTRICTIONS

1) **Maximum Single Application Rate:** 3.5 fl oz **A131.04**/A (0.019 lb ai/A)
2) **Minimum Application Interval:** 7 days
3) **Maximum Annual Rate:** 10.25 fl oz **A131.04**/A/calendar year
   a. **DO NOT** exceed 0.056 lb ai/A/calendar year of abamectin-containing products including all application types (seed treatment, soil, foliar).
   b. **DO NOT** make more than 2 sequential applications of **A131.04** or any other foliarly-applied abamectin-containing product.
4) **DO NOT** feed or allow livestock to graze treated foliage.
5) **DO NOT** apply **A131.04** more than twice to a generation of Colorado potato beetle or within any 30- day period.
6) **DO NOT** use **A131.04** as a rescue treatment for thrips control.

7) **DO NOT** apply by air in New York State.
8) **Pre-Harvest Interval (PHI):** 14 days

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. Store in original container and out of reach of children, preferably in a locked storage area.

PESTICIDE DISPOSAL: 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 the 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:

For plastic containers ≤ 5 gallons: Nonrefillable 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 puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

[For plastic containers > 5 gallons: Nonrefillable 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. Fill the container ¼ full with water. Recap 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 other procedures allowed by state and local authorities.]

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

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

[**131.04**] is a trademark of Atticus, LLC

Agri-Mek® SC Miticide/Insecticide is a registered trademark of a Syngenta Group Company.

APPENDIX

A131.04 Use Summary Table [Optional Text] [Start of Optional Text]

IMPORTANT: The table below is a summary of the Crop Use Directions for A131.04. However, it is important for the user to read and follow the complete instructions contained within this label.

Crop or Crop Group or Subgroup, with Examples	Maximum A131.04 Rate per Application (fl oz/A)	Maximum A131.04 Rate per Application (lb ai)	Minimum Application Interval (days)	Pre-Harvest Interval - PHI (days)	Maximum A131.04 Rate per Year (fl oz/A)	Maximum rate per year A131.04/other Abamectin containing product rate per year (lb ai/A)
Arugula	3.5	0.019	7	7	10.25	0.056
Avocado	4.25	0.023	30	14	8.5	0.046
Caneberry, Crop Subgroup 13-07A, blackberry	3.5	0.019	7	7	10.25	0.056
Celeriac	3.5	0.019	7	7	10.25	0.056
Celtuce	3.5	0.019	7	7	10.25	0.056
Citrus Fruit, Crop Group 10-10, orange, lemon, grapefruit	4.25	0.023	30	7	8.5	0.046
Corn (sweet)	3.5	0.019	7	7	7.0	0.038
Cotton	3.5	0.019	21	20	7.0	0.038
Cress, Garden & Upland	3.5	0.019	7	7	10.25	0.056
Cucurbit Vegetables, Crop Group 9, cucumber, squash	3.5	0.019	7	7	10.25	0.056
Dried Shelled Pea and Bean (except soybean) Crop Subgroup 6C, lima bean (dry)	3.5	0.019	6	7	10.5	0.057
Edible-podded Legume Vegetables Crop Subgroup 6A, Snap bean, sugar snap pea	3.5	0.019	6	7	10.5	0.057
Fennel, Florence	3.5	0.019	7	7	10.25	0.056
Fruiting Vegetables, Crop Group 8-10, Tomato, bell pepper	3.5	0.019	7	Greenhouse tomatoes – 1 all other crops - 7	10.25	0.056
Grapes and Small Fruit Vine, Crop Subgroup 13-07F, Grapes	3.5	0.019	21	28	7.0	0.038
Guava	4.25	0.023	14	7	12.75	0.070
Herbs, Crop Subgroup 19A, Basil, chives	3.5	0.019	7	Chive- 7 All other crops – 14	10.25	0.056
Hops	3.5	0.019	21	28	7.0	0.038

Leaf Petiole Vegetable Crop Subgroup 22B, Celery	3.5	0.019	7	7	10.25	0.056
Leafy Greens, Crop Subgroup 4-16A, Lettuce, Spinach	3.5	0.019	7	7	10.25	0.056
Low Growing Berry, Crop Subgroup 13-07G, Strawberry	3.5	0.019	21	3	14.0	0.076
Mint, peppermint, spearmint	2.5	0.014	7	28	7.75	0.042
Onion, Bulb, Crop Subgroup 3-07A, garlic, shallot	3.5	0.019	7	30	10.25	0.056
Onion, Green, Crop Subgroup 3-07B, chive, leek	3.5	0.019	7	7	14.0	0.076
Papaya	4.25	0.023	14	7	12.75	0.070
Pineapple	4.25	0.023	7	16 weeks	8.5	0.046
Pome Fruit, Crop Group 11-10, apple, pear	4.25	0.023	21	28	8.5	0.046
Soybean	3.5	0.019	7	28	7.0	0.038
Stone Fruit, Crop Group 12-12, apricot, peach	4.25	0.023	21	21	8.5	0.046
Succulent Shelled Pea, and Bean Crop Subgroup 6B (except cowpea) Lima bean (green), garden pea	3.5	0.019	6	7	10.5	0.057
Tree Nuts, Crop Group 14-12, almond, pecan	4.25	0.023	21	21	8.5	0.046
Tropical and Subtropical, Small fruit, inedible peel, Crop Sub-Group 24A, Lychee	4.25	0.023	30	14	8.5	0.046
Tuberous and Corm Vegetables, Crop Subgroup 1C, potato, ginger	3.5	0.019	7	14	10.25	0.056

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

A131.04[™]

Alternate Brand Name: Enterik 0.7 SC

[Contains abamectin, the active ingredient used in Agri-Mek® SC Miticide/Insecticide. A131.04 is not manufactured, or distributed by Syngenta Crop Protection, LLC, seller of Agri-Mek® SC Miticide/Insecticide.]

ACTIVE INGREDIENT:	**(% by weight)**
Abamectin[1]	8.0%
OTHER INGREDIENTS:	92.0%
TOTAL	100.0%

[1]CAS No. 71751-41-2

[**A131.04**] is formulated as a suspension concentrate and contains 0.7 lb abamectin per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you **DO NOT** understand the label, find someone to explain it to you in detail.)

FIRST AID	
If swallowed:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • **DO NOT** induce vomiting unless told to do so by the poison control center or doctor. • **DO NOT** give anything by mouth to an unconscious person.
If inhaled:	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

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 parenteral fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms, and measurements.

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

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at **1-844-685-9173** for emergency medical treatment information.

For Chemical Emergency:
Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING

May be fatal if swallowed. May be fatal if inhaled. **DO NOT** breathe vapor or spray mist. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wildlife. For terrestrial uses: **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 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.
See inside label booklet for additional Precautionary Statements and Directions for Use.

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. Store in original container and out of reach of children, preferably in a locked storage area.
PESTICIDE DISPOSAL: 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 the 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:
For plastic containers ≤ 5 gallons: Nonrefillable 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 puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.
[For plastic containers > 5 gallons: Nonrefillable 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. Fill the container ¼ full with water. Recap 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 other procedures allowed by state and local authorities.]
CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

Manufactured for:
Atticus, LLC
5000 CentreGreen Way, Suite 100
Cary, NC 27513

EPA Reg. No.: 91234-XX
EPA Est. No.: _____
NET CONTENTS: _____
Lot No.: _____