



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 2, 2021

Jordan Moseley  
Regulatory Product Manager  
Syngenta Crop Protection, LLC  
PO Box 18300  
Greensboro, NC 27419

Subject: Registration Review Label Mitigation for Cyromazine  
Product Name: Citation Herbicide  
EPA Registration Number: 100-667  
Application Dates: 5/8/2019  
Decision Numbers: 572299

Dear Jordan Moseley:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Cyromazine Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

Page 2 of 2  
EPA Reg. No. 100-667  
Decision No. 572299

If you have any questions about this letter, please contact Darius Stanton by phone at 703-347-0433, or via email at [Stanton.darius@epa.gov](mailto:Stanton.darius@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure

(MASTER)

**Citation® Insecticide**

**CYROMAZINE GROUP 17 INSECTICIDE**

For control of selected insects, including Dipterous leafminers (*Liriomyza* species) and fungus gnats, in landscape ornamentals; container-grown ornamentals; greenhouse-, lathhouse-, and shadehouse-grown ornamental bedding plants and ornamental crops; and interiorscapes; and shore flies, in greenhouse ornamental crops and interiorscapes only.

For control of Dipterous leafminers, fungus gnats and shore flies in vegetable transplants grown for consumer use.

Active Ingredient:	
Cyromazine: (CAS No. 66215-27-8).....	75.0%
Other Ingredients:	25.0%
Total:	100.0%

Citation Insecticide is a wettable powder in a water soluble packet (WSP).

This outer protective container contains Citation Insecticide in small, water-soluble inner packets (WSP). After opening the outer container, immediately add the required number of unopened inner packets into the partially filled sprayer or mix tank. Avoid handling inner packets or exposure to moisture as mishandling may result in rupture of the packets.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use in booklet.

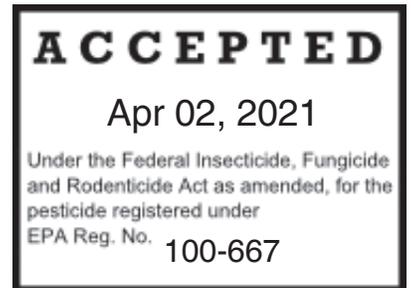
EPA Reg. No. 100-667

EPA Est. XXXX

Product of XXXX  
Formulated in XXXX

6 X 2.66 Ounce  
Water-Soluble Packets

15.96 Ounces  
Total Net Weight



<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call <b>1-800-888-8372</b>	

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## **PRECAUTIONARY STATEMENTS**

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### **Hazards to Humans and Domestic Animals**

#### **CAUTION**

Causes moderate eye irritation. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

### **Personal Protective Equipment (PPE)**

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

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate; butyl rubber  $\geq$  14 mils; nitrile rubber  $\geq$  14 mils; neoprene rubber  $\geq$  14 mils; polyethylene, polyvinyl chloride [PVC]  $\geq$  14 mils; or Viton®  $\geq$  14 mils
- Chemical-resistant footwear plus socks
- Chemical-resistant apron when cleaning equipment, mixing, or loading

### **USER SAFETY REQUIREMENTS**

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 Control Statements**

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard [40 CFR 170.607(d)]. Mixers and loaders handling this product while it is enclosed in intact water soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, socks, a chemical-resistant apron, and chemical-resistant gloves. 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**

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply when weather conditions favor drift from target area.

### **Groundwater Advisory**

A degradate of cyromazine, the active ingredient in Citation Insecticide, is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

## Protection of Pollinators

*Cyromazine acts as a growth regulator, affecting the molting process of target pests, and therefore, may have an effect on bee larvae, but not on adult bees. Exposure to adult bees, either through overspray or contact with residues may lead to effects to bee larvae.*

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during outdoor foliar applications, or contact with residues on plant surfaces after outdoor foliar applications
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as outdoor foliar applications.

When using this product outdoors, applicators should take steps to:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product on to beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in bee kills.

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at:

<http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx>.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to:

[www.aapco.org/officials.html](http://www.aapco.org/officials.html). Pesticide incidents should also be reported to the National Pesticide Information Center at: [www.npic.orst.edu](http://www.npic.orst.edu) or directly to EPA at:

[beekill@epa.gov](mailto:beekill@epa.gov)

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## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

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

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

## DIRECTIONS FOR USE

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

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

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY AND/OR POOR INSECT CONTROL.**

### AGRICULTURAL USE REQUIREMENTS

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

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

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

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate; butyl rubber  $\geq$  14 mils; nitrile rubber  $\geq$  14 mils; neoprene rubber  $\geq$  14 mils; polyethylene, polyvinyl chloride [PVC]  $\geq$  14 mils; or Viton  $\geq$  14 mils
- Chemical-resistant footwear plus socks

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## PRODUCT INFORMATION

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Citation Insecticide is a 75% wettable powder which, when mixed with water according to the following directions for use, will control certain insect species on designated plants.

For control of selected insects, including Dipterous leafminers (*Liriomyza* species) and fungus gnats, in landscape ornamentals; container-grown ornamentals; greenhouse-, lathhouse-, and shadehouse-grown ornamental bedding plants and ornamental crops; and interiorscapes; and shore flies, in greenhouse ornamental crops and interiorscapes only.

For control of Dipterous leafminers, fungus gnats and shore flies in vegetable transplants grown for consumer use.

### Integrated Pest Management (IPM)

Citation Insecticide should be used in conjunction with Integrated Pest Management (IPM) practices, including the early detection of target insect populations, threshold treatment levels, cultural control practices, and procedures to manage target pest populations. Contact local extension or university personnel or refer to brochures for information on IPM practices.

### Resistance Management

CYROMAZINE	GROUP	17	INSECTICIDE
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Citation Insecticide is a Group 17 Insecticide that contains the active ingredient cyromazine. Due to the inherent risk of the development of resistance to any pesticide product, it is strongly advised that Citation Insecticide be used in a sound resistance management program. Treatment may not be effective against labeled pests if Citation Insecticide-tolerant strains develop.

For plants that host a labeled pest with multiple generations per crop or year, use the following recommended resistance management practices that may include, but are not limited to:

- Rotating Citation Insecticide with products (such as Avid® 0.15 EC Miticide/Insecticide) with different modes of action
- Avoiding treatment of successive generations with Citation Insecticide
- Using labeled rates at specified spray intervals
- Using non-chemical alternatives such as beneficial arthropods
- Using various cultural practices such as rotating susceptible to non-susceptible plants.

For additional information about implementing these or other resistance management practices, consult your local agricultural advisor or company representative.

### **Special Precautions to Minimize Leafminer Resistance**

Citation Insecticide should not be used as the only control for leafminers. Do not apply Citation Insecticide more than 3 times at 7-day intervals to ornamental crops before switching to Avid 0.15 EC Miticide/Insecticide as an alternative control (refer to the Avid product labeling for all use directions, restrictions and precautions.). Following use of Avid, Citation Insecticide may again be applied if necessary for control. Do not make more than a total of 6 applications of Citation Insecticide to one crop.

For the listed vegetable transplant crops, a non-Group 17 insecticide approved for use on these crops should be used in the rotation program. Do not apply Citation Insecticide more than 3 times at 7-day intervals before switching to a non-Group 17 insecticide. Do not make more than a total of 6 applications of Citation Insecticide to one crop.

### **Plant Safety**

Citation Insecticide has been evaluated for safety to many greenhouse and ornamental plants as a foliar spray and a soil drench. Phytotoxicity to ageratum, baby's breath, chrysanthemum, cosmos, dahlia, Gerbera daisy, gloriosa daisy, impatiens, marigold, petunia, poinsettia, salvia, snapdragon, Transvaal daisy, verbena, and zinnia has not been observed at the use rates listed on this label. While many plant species and cultivars have been evaluated, individual species and cultivar should be evaluated for phytotoxicity prior to making applications to the entire crop. Before treating any crop not listed above, the grower should test Citation Insecticide for possible phytotoxic effects for at least 2 weeks on a small group of plants under the same conditions in which they will be grown.

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## **HANDLING INSTRUCTIONS**

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Follow these steps when handling pesticide products in WSPs.

1. Mix in spray tank only.
2. Handle WSP(s) in a manner that protects package from breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instructions.
3. Keep the WSP(s) in outer packaging until just before use.
4. Keep the WSP dry prior to adding to the spray tank.
5. Handle with dry gloves and according to the label instructions for PPE.
6. Keep WSP intact. Do not cut or puncture WSP.
7. Reseal the WSP outer packaging to protect any unused WSP(s).

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## MIXING INSTRUCTIONS

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Water Soluble Packages (WSPs) are designed to dissolve in water. Agitation may be used, if necessary, to help dissolve the WSP. Failure to follow handling and mixing instructions can increase your exposure to the pesticide products in WSPs. WSPs, when used properly, qualify as a closed mixing/loading system under the Agricultural Worker Protection Standard [40 CFR 170.607(d)].

### **Citation Insecticide Alone and Citation Insecticide + Tank Mixtures**

Follow the steps below when mixing this product, including if tank mixed with other pesticide products. If being tank mixed, the mixing directions 1 through 9 below take precedence over the mixing directions of the other tank mix products. WSPs may, in some cases, be mixed with other pesticide products so long as the directions for use of all mixed products do not conflict. Do not tank mix this product with products that prohibit tank mixing or have conflicting mixing directions.

1. If a basket or strainer is present in the tank hatch, remove prior to adding the WSP to the tank.
2. Fill tank with water to approximately one-third to one-half of the desired final volume of spray.
3. Stop adding water and stop any agitation.
4. Place intact/unopened WSP(s) into the tank.
5. Do not spray water from a hose or fill pipe to break or dissolve the WSP(s).
6. Start mechanical and recirculation agitation from the bottom of tank without using any overhead recirculation, if possible. If overhead recirculation cannot be turned off, close the hatch before starting agitation.
7. Dissolving the WSP(s) may take up to 5 minutes or longer, depending on water temperature, water hardness and intensity of agitation.
8. Stop agitation before tank lid is opened.
9. Open the lid to the tank, exercising caution to avoid contact with dusts or spray mix, to verify that the WSPs have fully dissolved and the contents have been thoroughly mixed into the solution.
10. Do not add other allowed products or complete filling the tank until the bags have fully dissolved and pesticide is thoroughly mixed.
11. Once the WSP have fully dissolved and any other products have been added to the tank, resume filling the tank with water to the desired level, close the tank lid, and resume agitation.
12. Use the spray solution when mixing is complete.
13. Maintain agitation of the diluted pesticide mix during transport and application.
14. It is unlawful to use any registered pesticide, including WSPs, in a manner inconsistent with its label.

**Note:** Do not let spray mixture stand overnight in the spray tank. Rinse spray tank at the end of the day.

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## **APPLICATION INSTRUCTIONS**

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For control of Dipterous leafminers (*Liriomyza* spp.), apply 2.66 oz/A in a minimum of 100 gallons of water as a foliar spray to the point of runoff when stippling first appears. Repeat applications at 7-day intervals or as necessary to maintain control. Do not make more than a total of 6 applications to one crop.

For control of fungus gnats (*Bradysia* spp.) and shore flies (*Scatella* spp.), apply 2.66 oz of Citation Insecticide in 100 gallons of water as a spray or drench to all surfaces where insect pests may breed. This includes the potting media surfaces, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae. Repeat application on a 7- to 14-day schedule to minimize reinfestation.

When making outdoor foliar applications of this product, use spray nozzles that will deliver medium coarse or larger spray droplets as defined in the American Society of Agricultural and Biological Engineers (ASABE) standard ANSI/ASAE S572.1 (March 2009)

Citation Insecticide will not control adult stages of the insect pests. For control of adults, insecticides labeled for adult insect control should be used.

### **Rotational Crops**

Other ornamental crops may be planted following harvest of a Citation Insecticide-treated crop. Do not rotate to any food crop for 300 days after the last application, except dried and succulent beans, *Brassica* leafy vegetables, bulb vegetables, cucurbit vegetables, leafy vegetables, peppers, potatoes and tomatoes. Cotton, radishes, or sweet corn may be rotated to 30 days after last application.

### **Electrostatic Spraying Systems, Thermal Fogger Systems, or other Low Volume Systems**

Citation Insecticide has been evaluated and shown effective when applied through these application systems. To calculate the amount of product to be applied, use the appropriate amount of Citation Insecticide for the square footage to be treated with spray as listed. The amount of carrier (water) is dependent on the amount needed for adequate coverage.

### **Application through Irrigation Systems – Chemigation**

- Citation Insecticide may be applied through hand held or overhead irrigation equipment. Overhead irrigation systems include micro-sprinklers, mist-type irrigation (such as fog systems) and motorized booms utilizing injectors.

- **DO NOT** apply this product through any other type of irrigation system.
- The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- The irrigation system must provide uniform distribution of Citation Insecticide. Plant injury, lack of effectiveness, or illegal pesticide residues in the plant can result from non-uniform distribution. 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.

**Chemigation Monitoring:** 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.

**Required System Safety Devices:** 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.

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

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

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

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

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

### **Specific Instructions for Public Water Systems**

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 for at least 60 days out of the year.

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. A complete physical break (air gap) between the flow 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 is required.

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

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

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump or when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

**APPLICATION TO ORNAMENTALS**

Crop	Insect Pests	Rate	Remarks
Ornamentals	Dipterous leafminers ( <i>Liriomyza</i> species)	2.66 oz/A (one packet)	<p>Apply in a minimum of 100 gallons of water as a foliar spray to the point of runoff when stippling first appears.</p> <p>Repeat applications at 7-day intervals or as necessary to maintain control.</p> <p>Do not make more than a total of 6 applications to a single crop.</p>
	<p>Fungus gnats (<i>Bradysia</i> spp.)</p> <p>Shore flies (<i>Scatella</i> spp.)</p>	2.66 oz/100 gal (one packet)	<p>Apply as a spray or drench to all surfaces where insect pests may breed. This includes the potting media surfaces, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application on a 7- to 14-day schedule to minimize re-infestation.</p> <p>Do not make more than a total of 6 applications to a single crop.</p>
<p><b>NOTE:</b> CITATION INSECTICIDE WILL NOT CONTROL ADULT STAGES OF THE INSECT PESTS. FOR CONTROL OF ADULTS, INSECTICIDES LABELED FOR ADULT INSECT CONTROL SHOULD BE USED.</p> <p>For ornamental crops grown outdoors, do not exceed 15.96 oz Citation Insecticide per acre per year.</p> <p>For ornamental crops grown indoors, do not exceed 15.96 oz Citation Insecticide per acre per crop.</p>			

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**APPLICATION TO VEGETABLE TRANSPLANTS GROWN FOR CONSUMERS**

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For control of Dipterous leafminer (*Liriomyza* species), fungus gnats, and shore flies in vegetable crops grown for consumers.

Crop	Rate	Remarks
<p><b>Brassica Leafy Vegetables Crop Group, Abyssinian cabbage, Seakale cabbage, Hanover salad</b></p> <p>Including: broccoli, broccoli raab (rapini), Brussels sprouts, cabbage, Chinese (bok choy) cabbage, Chinese broccoli, Chinese mustard cabbage (gai choy), Chinese (napa) cabbage, cauliflower, cavalo broccolo, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, and rape greens</p>	<p>2.66 oz/A (one packet)</p>	<p>Apply as a foliar spray in a minimum of 10 gallons of water/A when leafminers first appear.</p> <p>Apply as a spray in a minimum of 100 gallons of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• Do not make more than 6 applications to a single crop.</li> <li>• Do not apply within 7 days of shipping to market.</li> </ul>
<p><b>Bulb Vegetables Crop Group</b></p> <p>Including: garlic, great-headed (elephant) garlic, leek, dry bulb onion, green onion, potato onion, tree onion, Welsh onion, rakkyo, and shallot</p>	<p>2.66 oz/A (one packet)</p>	<p>Apply as a foliar spray in a minimum of 10 gallons of water/A when leafminers first appear.</p> <p>Apply as a spray in a minimum of 100 gallons of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p>

		<p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• Do not make more than 6 applications to a single crop.</li> <li>• Do not apply within 7 days of shipping to market.</li> </ul>
<p><b>Cucurbit Vegetables Crop Group</b></p> <p>Including:  balsam pear (bitter melon), chayote (fruit), Chinese waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, edible gourds, melons (including hybrids: cantaloupe, casaba, crenshaw, honeydew melons, honey balls, mango melon, muskmelon, Persian melon), pumpkin, summer squash, winter squash, and watermelon (including hybrids)</p>	<p>2.66 oz/A (one packet)</p>	<p>Apply as a foliar spray in a minimum of 10 gallons of water/A when leafminers first appear.</p> <p>Apply as a spray in a minimum of 100 gallons of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• Do not make more than 6 applications to a single crop.</li> </ul>
<p><b>Leafy vegetables (except Brassica Vegetables) Crop Group</b></p> <p>Including:  Amaranth, arugula, cardoon, celery, celtuce, chervil, Chinese celery, chrysanthemum (edible-leaved &amp; garland), corn salad, cress (garden &amp; upland), dandelion, dock, endive (escarole), Florence fennel (finocchio), lettuce (head &amp; leaf), New Zealand spinach, orach, parsley, purslane (garden &amp; winter), radicchio (red chicory), rhubarb, spinach, Swiss chard, and vine spinach</p>	<p>2.66 oz/A (one packet)</p>	<p>Apply as a foliar spray in a minimum of 10 gallons of water/A when leafminers first appear.</p> <p>Apply as a spray in a minimum of 100 gallons of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p>

		<p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• Do not make more than 6 applications to a single crop of celery or head lettuce. For all other leafy vegetable crops, do not make more than 5 applications per crop.</li> <li>• Do not apply with 7 days of shipping to market.</li> </ul>
<p><b>Peppers</b></p>	<p>2.66 oz/A (one packet)</p>	<p>Apply as a foliar spray in a minimum of 10 gallons of water/A when leafminers first appear.</p> <p>Apply as a spray in a minimum of 100 gallons of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• Do not make more than 6 applications to a single crop of peppers.</li> </ul>
<p><b>Tomatoes</b></p>	<p>2.66 oz/A (one packet)</p>	<p>Apply as a foliar spray in a minimum of 10 gallons of water/A when leafminers first appear. At this application rate, Citation Insecticide will also provide suppression of Colorado Potato Beetle.</p> <p>Apply as a spray in a minimum of 100 gallons of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p>

		<b>Restrictions:</b> <ul style="list-style-type: none"><li>• Do not make more than 6 applications to a single crop.</li></ul>
For vegetable transplants grown outdoors, do not apply more than 15.96 oz Citation Insecticide per acre per year.		
For vegetable transplants grown indoors, do not apply more 15.96 oz Citation Insecticide per acre per crop.		

### Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Do not use in animal feeds.

#### **Pesticide Storage**

Store in a cool, dry place. Do not store this product under wet conditions. Handle container carefully to avoid breakage of inner soluble pouch.

#### **Pesticide Disposal**

Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used 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 in proper disposal methods.

#### **Container Handling**

**Non-refillable container.** Do not reuse or refill this container. Offer for recycling if available or dispose of the empty outer foil pouch in the trash as long as WSP is unbroken.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

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For non-emergency (e.g., current product information) call Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:  
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