



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

**EPA Reg. Number:**  
  
91234-19

**Date of Issuance:**  
  
11/07/2016

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

**Term of Issuance:**  
Conditional

**Name of Pesticide Product:**  
A103.02

**Name and Address of Registrant (include ZIP Code):**

Ms. Nicole O'Loughlin  
 Agent for Atticus, LLC  
 c/o Pyxis Regulatory Consulting, Inc.  
 4110 136<sup>th</sup> St. Ct. NW  
 Gig Harbor, WA 98332

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

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

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:**

Richard Gebken, Product Manager 10  
 Invertebrate & Vertebrate Branch 2  
 Office of Pesticide Programs

**Date:**

11/07/2016

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

- a. Chlorfenapyr GDCI-129093-1034

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. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 91234-19.”
5. 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 CSF:

- Basic CSF dated 05/26/2016

If you have any questions, please contact Mr. Carmen J. Rodia, Jr. by phone at (703) 306-0327, or via email at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov).

Sincerely,



Richard Gebken  
Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Office of Pesticide Programs

*Enclosures: Master Label Stamped "Accepted," dated 11/07/2016  
45/90 Day Screen Results for End-Use Product "A103.02," dated 08/03/2016  
Acute Toxicity Review, dated 07/05/2016  
Product Chemistry Review, dated 08/03/2016*

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

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

# {BOOKLET FRONT PANEL LANGUAGE}

GROUP	<b>13</b>	INSECTICIDE
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## A103.02

For Use Only On Fruiting Vegetables and Ornamental Crops Grown in Commercial Greenhouses

<b>Active Ingredient:</b>	(% by weight)
Chlorfenapyr*:	21.4%
<b>Other Ingredients</b>	78.6%
<b>Total</b>	100.0%

\* 4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile  
 Contains 2.0 pounds of chlorfenapyr per gallon.  
 Contains chlorfenapyr, the active ingredient used in Pylon®.

### KEEP OUT OF REACH OF CHILDREN CAUTION

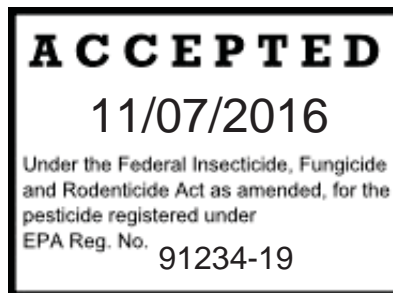
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See inside label booklet for First Aid, Precautionary Statements and Directions for Use.

**Manufactured For:**  
 Atticus, LLC  
 501 Cascade Pointe Lane, Suite 102  
 Cary, NC 27513

**EPA Reg. No.:** 91234-XX  
**EPA Est. No.:**

**Net Contents:**



## { LANGUAGE INSIDE BOOKLET }

<b>FIRST AID</b>	
<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>• <b>Do not</b> induce vomiting unless told to do so by the poison control center or doctor.</li><li>• <b>Do not</b> give anything by mouth to an unconscious person.</li></ul>
<b>IF ON SKIN</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably by mouth to mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<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 eyes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>HOT LINE NUMBERS</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), you may call SafetyCall® at <b>1-844-685-9173</b> , 24 hours per day, 7 days per week. For chemical emergency: spill, leak, fire, exposure or accident, you may call CHEMTREC: <b>1-800-424-9300</b> .	

**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**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Wash hands 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)**

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

**Applicators and Other Handlers Must Wear:** (1) long-sleeved shirt and long pants; (2) chemical-resistant gloves, such as Barrier Laminate ( $\geq 14$  mils), Butyl Rubber ( $\geq 14$  mils), Nitrile Rubber ( $\geq 14$  mils), Neoprene Rubber ( $\geq 14$  mils), Polyvinyl Chloride (PVC) ( $\geq 14$  mils), or Viton ( $\geq 14$  mils); (3) shoes plus socks.

**In Addition, All Mixers/Loaders/Applicators of Liquids Using a Mechanically-Pressurized Handgun for Application to Fruiting Vegetables Grown in Commercial Greenhouses Must Wear:** (1) long-sleeved shirt and long pants; (2) chemical-resistant gloves, such as Barrier Laminate ( $\geq 14$  mils), Butyl Rubber ( $\geq 14$  mils), Nitrile Rubber ( $\geq 14$  mils), Neoprene Rubber ( $\geq 14$  mils), Polyvinyl Chloride (PVC) ( $\geq 14$  mils), or Viton ( $\geq 14$  mils); (3) PF 5 respirator; and (4) shoes plus socks.

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. **Do not** reuse them.

**Engineering Controls Statement**

When handlers use closed systems or enclosed cabs in a manner that meets the requirements of 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 breakdown.

**USER SAFETY RECOMMENDATIONS**

**Users should:** (1) Wash hands thoroughly before eating, drinking, chewing gum, using tobacco, or using the toilet. (2) Remove contaminated clothing/PPE immediately and then wash thoroughly and change into clean clothing. (3) 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 aquatic organisms, birds, and wildlife.

This product is toxic to bees exposed to direct treatment on blooming crops or weeds. **Do not** apply this product or allow it to drift to blooming crops or weeds if bees are actively foraging in the treatment area.

**Do not** contaminate water by cleaning of equipment or when disposing of equipment washwaters or rinsate. **Do not** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or regional office of the EPA. **Do not** discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge.

### Physical or Chemical Hazards

**Do not** apply this product around electrical equipment due to the possibility of shock hazard. **Do not** mix or allow this product to come into contact with an oxidizing agent. Hazardous chemical reaction may occur.

### 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 treated area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation

### USE RESTRICTIONS

- **Do not** apply A103.02 except as specified on this label.
- **Do not** apply A103.02 in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the treated area during application.
- **Do not** use A103.02 on any other crops except fruiting vegetable crops and ornamental crops grown in commercial greenhouses.
- **Do not** contaminate food or feedstuffs.
- **Do not** compost any discarded plant materials that have been treated with A103.02.
- **Do not** apply A103.02 through any type of irrigation system.
- **Do not** tank mix with products that contain a label prohibition against tank mixing.
- **Do not** apply more than three (3) applications of A103.02 during a crop growing cycle.
- **Do not** use A103.02 to formulate, reformulate or repackage into any other pesticide product without the written permission of Atticus, LLC.
- **Do not** apply more than 39 fl ozs of A103.02 (0.6 lb ai) per acre, per crop growing cycle in fruiting vegetables.
- It is unlawful to use A103.02 on anything other than ornamental crops or fruiting vegetable crops in commercial greenhouses.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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), notification to workers, and restricted-entry interval.

**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: (1) Coveralls; (2) Chemical-resistant gloves, such as Barrier Laminate ( $\geq 14$  mils), Butyl Rubber ( $\geq 14$  mils), Nitrile Rubber ( $\geq 14$  mils), Neoprene Rubber ( $\geq 14$  mils), Polyvinyl Chloride (PVC) or Viton ( $\geq 14$  mils); (3) Shoes plus socks.

### PRODUCT INFORMATION

A103.02 is a broad-spectrum insecticide-miticide for use on greenhouse grown fruiting vegetables and greenhouse grown ornamentals. It has excellent stomach activity when ingested and good contact activity when pests come in contact with it. A103.02 is classified in a class of insecticides-miticides called Pyrroles. Members of this class of products have a similar mode of action that involves uncoupling oxidative phosphorylation and preventing conversion of ADP to ATP which affects energy metabolism so that mites



and insects cannot generate enough energy to survive.

A103.02 does not have ovicidal activity. Therefore, it should be used in combination with a registered miticide or insecticide with ovicidal activity if moderate to heavy numbers of mite or insect eggs are present at application time.

**Resistance Management:** All crop protection chemicals should be used in resistance pest management programs suitable for the crop-pest complex involved. The program should involve different classes of chemistry in the control of the pests. For more information on insect resistance, contact the local Cooperative Extension Service for suggestions on minimizing insect resistance.

When using A103.02 in greenhouses, **do not** apply more than two (2) consecutive applications before rotating to an insecticide-miticide with a different mode of action. In addition, **do not** apply A103.02 to consecutive crops in the commercial greenhouse unless applied in combination with another insecticide-miticide with a different mode of action.

**Mixing Instructions:** Agitate or shake A103.02 containers prior to use in order to prepare a uniform spray solution. Add  $\frac{1}{2}$  to  $\frac{3}{4}$  of the required amount of clean water to the spray tank and start agitation. Measure the required amount of A103.02 with a calibrated measuring device and add to the spray tank while agitating. Add the rest of the water and continue with agitation. If preparing a tank-mixture, add A103.02 to the tank first and be sure that it is fully dispersed in water before adding the additional materials. To prevent waste and disposal of used spray solution, it is best to prepare no more spray solution than is needed for the immediate operation.

**Compatibility:** Although A103.02 is compatible with many spray products, a full range of compatibilities under all local conditions has not been evaluated. Therefore, the compatibility of any mixture with A103.02 must be determined using a jar test. Conduct a jar test by adding proportionate amounts of each ingredient of the tank-mixture to a pint or quart jar. Cap, shake, and let sit for at least 15 minutes. If a precipitate forms and it cannot be readily re-dispersed, do not use the mixture because it is incompatible.

**Tank Mixing:** As stated above, if using A103.02 in a tank-mixture, always add A103.02 to the spray tank first and make sure it is fully dispersed in water before adding any other tank-mix product. Follow all applicable directions, restrictions and precautions on the label for the tank mix partners. The most restrictive labeling applies when using a tank mix. **Do not** tank mix with products that contain a label prohibition against tank mixing. **It is unlawful to tank mix A103.02 if the tank mix will be used outdoors.**

#### **FRUITING VEGETABLE CROPS GROWN IN COMMERCIAL GREENHOUSES**

**A103.02** is broad-spectrum and can be used to control insect and mite pests on greenhouse grown fruiting vegetables such as eggplant, groundcherry, pepino, pepper, tomatillo and tomato. If multiple pests are present, always use the rates required to control the most difficult pest. Use lower rates when populations are at action thresholds and higher rates when populations have reached economic injury levels for yield or quality.

**Application Instructions:** Always maintain agitation during application. Use the suggested dosage in sufficient water for thorough coverage of foliage. A103.02 can be applied up to and including the day of harvest.

#### **Use Restrictions for Fruiting Vegetables Grown in Commercial Greenhouses**

- Apply A103.02 according to the product guidelines and restrictions stated in the "USE RESTRICTIONS" and "Resistance Management" sections of this label.
- **Do not** apply A103.02 as an ultra low volume (ULV) spray.
- Do not use on tomato varieties with a mature fruit diameter of less than one (1) inch.
- Allow at least 5 to 7 days between applications.
- **Do not** apply more than 39 fl ozs of **A103.02** (0.6 lb ai) per acre, per crop growing cycle in fruiting vegetables grown in commercial greenhouses.
- It is unlawful to use a tank-mixture with A103.02 outdoors.



**A103.02 Application Rates and Comments  
Fruiting Vegetables Grown In Commercial Greenhouses**

**Eggplant, Ground cherry, Pepinos, Peppers, Tomatillo and Tomato**

Target Pests	Rate (fl ozs/A)	Rate (lbs ai/A)	Comments
<b>Worms:</b> Alfalfa looper ( <i>Autographa californica</i> ) Beet armyworm ( <i>Spodoptera exigua</i> ) Cabbage looper ( <i>Trichoplusia ni</i> ) Fall armyworm ( <i>S. frugiperda</i> ) Hornworms ( <i>Manduca quinquemaculata</i> ) Southern armyworm ( <i>S. eridania</i> ) Tobacco budworm ( <i>H. virescens</i> ) Tomato fruitworm ( <i>Heliothis zea</i> ) Tomato pinworm ( <i>Keiferia lycopersicella</i> ) Yellowstriped armyworm ( <i>S. ornithogalli</i> )	6.5 to 13	0.10 to 0.20	Apply as required by scouting. Apply in a spray volume between 5 and 100 gallons per acre.  Repeat applications as needed (usually 5 to 10 days) for control, but allow at least 5-7 days between applications. Use a longer time interval when infestations are light to moderate; shorten the time interval for heavier infestations.
<b>Mites:</b> Broad mite ( <i>Polyphagotarsonemus latus</i> ) Two-spotted spider mite ( <i>Tetranychus urticae</i> and other <i>Tetranychus</i> spp.)	6.5 to 13	0.10 to 0.20	Use lower rates when populations are at action thresholds and higher rates when populations are heavy and causing damage.
<b>Thrips:</b> Melon thrips ( <i>Thrips palmi</i> ) Onion thrips ( <i>Thrips tabaci</i> ) Western flower thrips ( <i>Frankliniella occidentalis</i> )	9.8 to 13	0.15 to 0.20	

**ORNAMENTAL CROPS GROWN IN COMMERCIAL GREENHOUSES**

On greenhouse ornamentals, A103.02 is broad-spectrum and controls mites, insects and foliar nematodes. If multiple pests are present, always use the rates required to control the most difficult pest. Use lower rates when populations are at action thresholds and higher rates when populations have reached economic injury levels for yield or quality.

**Application Instructions:** Always maintain agitation during application. Use the suggested dosage in sufficient water for thorough coverage of foliage.

**Use Restrictions for Ornamental Crops Grown in Commercial Greenhouses**

- Apply A103.02 according to the product guidelines and restrictions stated in the “USE RESTRICTIONS” and “Resistance Management” sections of this label.
- **Do not** apply more than 41 fl ozs of A103.02 per 100 gallons per crop per season or 0.64 lb of active ingredient per 100 gallons per crop per season in ornamentals grown in commercial greenhouses (start to finish for one ornamental crop).
- It is unlawful to use a tank-mixture with A103.02 outdoors.

**Crop Tolerance:** Although A103.02 has been shown to be safe to many ornamental species when used according to label use directions, not all ornamental plant species and cultivars have been tested for tolerance to A103.02, tank-mix combinations of A103.02, or pesticide treatments before or after those of A103.02. Also, since local conditions can influence plant tolerance, they may not match the conditions under which testing of A103.02 was conducted.

**Sensitive Ornamental Plant Species:** Some ornamental plant species have been found, under certain conditions, to be less tolerant to A103.02 when used according to label directions. Phytotoxicity is likely to occur if A103.02 is applied to the following ornamental plant species: Dianthus (*Dianthus* spp.) including

carnations, pinks and Sweet William varieties, Kalanchoe (*Kalanchoe blossfeldiana*), Poinsettia (*Euphorbia pulcherrima*), Roses (*Rosa* spp.), Salvia (*Salvia* spp.) and Zinnia (*Zinnia* spp.).

**If application is made to these sensitive ornamental plant species it is made at grower risk.**

**Follow these suggestions to reduce potential injury to ornamentals:** (1) Do not apply to plugs in their early stages of development (1 to 2 leaf) as injury to some tender crops could occur. If application to plugs is necessary, test A103.02 on a small number of plants before doing large scale treatments. (2) Apply A103.02 during the coolest parts of the day and always apply prior to blooming or avoid applications to blooms where possible. (3) Prior to application, evaluate for potential phytotoxicity of all tank mixes with additives or other pesticide products. Additives, including spray adjuvants, are not necessary for use with A103.02. Crop oils, surfactants and fertilizer adjuvants have been shown to increase the likelihood of phytotoxicity and are not recommended with A103.02. If greenhouses are under high temperature conditions, use caution whenever including an additive with A103.02 because the injury potential is higher. Do not tank mix with products that contain a label prohibition against tank mixing. Apply the tank mix to a small area (8 to 12 plants) and evaluate for 3 to 5 days before attempting a large-scale spray to make certain that no phytotoxicity occurs.

**A103.02 Application Rates and Comments  
Greenhouse Grown Ornamentals**

Target Pests	Rate (fl ozs/ 100 gals)	Rate (lbs ai/100 gals)	Comments
<b>Mites:</b> Broad mite ( <i>Polyphagotarsonemus latus</i> ) Citrus budmite ( <i>Eriophyes sheldoni</i> ) Cyclamen mite ( <i>Phytonemus pallidus</i> ) Rust mite ( <i>Phyllocoptruta</i> spp., <i>Epirimerus</i> spp. and <i>Aculus</i> spp.) Two-spotted spider mite ( <i>Tetranychus urticae</i> and other <i>Tetranychus</i> spp.)	2.6 to 5.2	0.04 to 0.08	<p>Use sufficient spray volume to ensure thorough and complete coverage of foliage. Apply when mites first appear, before crop damage occurs.</p> <p>Use A103.02 at 2.6 to 5.2 fl oz/100 gallons for 14 to 21 day control of low to moderate populations of mites.</p> <p>Against high mite populations, or a generally high infestation across multiple crops in the same greenhouse, apply A103.02 at 5.2 fl ozs/100 gallons. Make a sequential application at 5 to 7 days after the first application to maintain control. Make only one sequential application.</p> <p>A103.02 is not systemic and does not translocate throughout the plant, but it is translaminar and moves rapidly from the top to the underside of a leaf to control mites.</p> <p>A103.02 will be diluted in rapidly expanding, new foliage as compared to the concentration in the leaf surface at the time of application. The sequential application mentioned above is important to maintain control.</p>

**A103.02 Application Rates and Comments  
Greenhouse Grown Ornamentals**

Target Pests	Rate (fl ozs/ 100 gals)	Rate (lbs ai/100 gals)	Comments
<b>Worms:</b> Beet armyworm ( <i>Spodoptera exigua</i> ) Cabbage looper ( <i>Trichoplusia ni</i> ) Soybean looper ( <i>Psuedoplusia includes</i> )	2.6 to 6.4	0.04 to 0.10	Use sufficient spray volume to ensure thorough and complete coverage of foliage. Apply when worms first appear, before crop damage occurs.
Foliar nematodes ( <i>Aphelenchoides</i> spp.)	5.2 to 10	0.08 to 0.16	Use sufficient spray volume to ensure thorough and complete coverage of foliage.  Apply an initial application at 5.2 fl ozs /100 gallons when first signs of plant damage or nematodes are observed, followed by a second application at 5.2 fl ozs/100 gallons 7 to 14 days later.  A third application at 5.2 fl ozs/100 gallons can be made at 4 to 6 weeks after the initial application if plant damage or nematodes are detected.  To improve nematode control, add an IGR (insect growth regulator) or second MOA (Mode of Action) product registered for this use as a tank mixture.
Fungus gnats ( <i>Bradysis</i> spp.)	5.2 to 10	0.08 to 0.16	Use sufficient spray volume to ensure thorough and complete coverage of foliage. Apply when fungus gnats are in the early larval stage.  A103.02 will not control emerged adults, therefore, add an IGR or second MOA product registered for this use as a tank mixture.
<b>Thrips:</b> Chilli thrips ( <i>Scirtothrips dorsalis</i> Hood) Western flower thrips ( <i>Frankliniellaoccidentalis</i> )	5.2 to 10	0.08 to 0.16	Use sufficient spray volume to ensure thorough and complete coverage of foliage.  Apply when thrips are immature and when populations are building, before crop damage occurs.  Western flower thrips are difficult to control because they may be concealed in blooms. Combinations with other effective insecticides will enhance overall control.  Alternation with other MOA products such as <b>Overture® 35 WP insecticide</b> or <b>Mesuro!® 75-W</b> can help prevent resistance development. Incorporate an IGR such as <b>Pedestal® novaluron insecticide</b> in your spray program.

## STORAGE AND DISPOSAL

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

### **Pesticide Storage**

Keep A103.02 in its tightly closed original container, when not in use. **Do not** store below 32° F. **Do not** store in direct sunlight. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

### **Pesticide Disposal**

Wastes resulting from the use of A103.02 may be disposed of on-site or at an approved waste disposal facility.

### **Container Disposal**

**Nonrefillable Container: Do not reuse or refill this container.** Triple rinse or pressure rinse container (or equivalent) promptly after emptying (see rinsing instructions below).

**Triple rinse containers small enough to shake (capacity ≤ 5 gallons) 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. Offer for recycling if available for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Offer for recycling if available for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Steps to be taken in case material is released or spilled:** Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Keep the spill out of all sewers and open bodies of water.

## 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. 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.

Mesurol is a registered trademark of Bayer AG, Germany

Overture is a registered trademark of Valent U.S.A. Corporation

Pedestal is a registered trademark of Makhteshim Agan of North America.

A103.02 is not manufactured or distributed by BASF Corporation, seller of Pylon®.

Pylon® is a registered trademark of BASF Corporation.

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

# A103.02

For Use Only On Fruiting Vegetables and Ornamental Crops Grown in Commercial Greenhouses

**Active Ingredient:**

(% by weight)

Chlorfenapyr*:	21.4%
<b>Other Ingredients</b>	78.6%
<b>Total</b>	100.0%

\* 4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile

Contains 2.0 pounds of chlorfenapyr per gallon.

Contains chlorfenapyr, the active ingredient used in Pylon®.

See label booklet for First Aid, additional Precautionary Statements and Directions for Use.

[Note to reviewer: The label booklet shall be securely attached to the immediate container]

**Manufactured For:**

Atticus, LLC  
501 Cascade Pointe Lane, Suite 102  
Cary, NC 27513

**EPA Reg. No.: 91234-XX**

**EPA Est. No.:**

**Net Contents:**

## KEEP OUT OF REACH OF CHILDREN CAUTION

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.)

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Wash hands 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.

## STORAGE AND DISPOSAL

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

### Pesticide Storage

Keep A103.02 in its tightly closed original container, when not in use. **Do not** store below 32° F. **Do not** store in direct sunlight. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

### Pesticide Disposal

Wastes resulting from the use of A103.02 may be disposed of on-site or at an approved waste disposal facility.

### Container Disposal

**Nonrefillable Container: Do not reuse or refill this container.** Triple rinse or pressure rinse container (or equivalent) promptly after emptying (see rinsing instructions below).

### Triple rinse containers small enough to shake (capacity ≤ 5 gallons) 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. Offer for recycling if available for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Offer for recycling if available for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Steps to be taken in case material is released or spilled:** Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Keep the spill out of all sewers and open bodies of water.