



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

September 6, 2023

Keena A. E. Mullen, Ph.D., PAS
Product Registration Manager
BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709-3528

Subject: Label Amendment – Incorporation of Label Review Comments from Carmen Rodia (February 14, 2020) to Improve Readability of Master Label & Addition of Triple Rinsing Directions (Containers >5 Gallons) in Storage & Disposal Section
Product Name: Pylon[®] Miticide-Insecticide
EPA Registration Number: 241-374
Application Dates: June 5, 2020, May 31, 2022 & March 28, 2023
Decision Numbers: 571059, 588009 & 591487

Dear Keena Mullen:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

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

Page 2 of 2
EPA Reg. No. 241-374
Decision Nos. 571059, 588009 & 591487

Your release for shipment of the product 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.

If you have any questions, please contact Carmen Rodia via e-mail at Rodia.Carmen@epa.gov.

Sincerely,



Tamica L. Cain, Product Manager 10
Invertebrate-Vertebrate Branch 2
Registration Division (7505T)

Enclosure: Stamped "Accepted" Master Label, dated September 6, 2023

Pylon®

ACCEPTED

09/06/2023

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under

EPA Reg. No. 241-374

Miticide-Insecticide

For use in commercial greenhouses

Active Ingredient:

Chlorfenapyr*: 4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-

5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile 21.4%

Other Ingredients: 78.6%

Total: 100.0%

* Contains 2 pounds of active ingredient per gallon of formulated product
(0.125 pound of active ingredient per 8 fluid ounces of formulated product).

EPA Reg. No. 241-374

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION**

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 full label for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty,** and state-specific crop and/or use site restrictions.

Net Contents:

FIRST AID

If swallowed	<ul style="list-style-type: none"> • 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 on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • 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 in eyes	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eyes. • Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

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 product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-832-HELP (4357), twenty-four (24) hours per day, seven (7) days per week.**

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)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical-resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils or Viton ≥ 14 mils.

Mixer/Loader/Applicators of liquids using a mechanically-pressurized handgun for greenhouse applications for fruiting vegetables must wear:

The above-specified PPE as well as a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N1, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N1, R, or P filter; OR a NIOSH-approved powered air-purifying respirator with a HE filter.

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:

- Wash hands thoroughly before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove contaminated clothing/PPE immediately. 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 aquatic organisms, birds, and wildlife. **DO NOT** apply directly to water or to areas where surface water is present. Avoid spraying ponds or aquaria containing fish. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

Pollinator Advisory: 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 visiting 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 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. **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.

Physical or Chemical Hazards

DO NOT apply this product around electrical equipment due to the possibility of shock hazard.

Directions For Use

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

USE RESTRICTIONS

- Apply this product only as specified on this label.
- **DO NOT** apply **Pylon[®] miticide-insecticide** outdoors.
- **DO NOT** use this product except in commercial greenhouses.
- **DO NOT** contaminate food or feedstuffs.
- **DO NOT** compost any discarded plant materials that have been treated with this product.
- **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.
- **DO NOT** tank mix with products that contain a label prohibition against tank mixing.
- **DO NOT** apply this product through any type of irrigation system.
- **DO NOT** use this product on any other crops except for ornamentals (non-food), fruiting vegetable crops, nonbearing juvenile fruit & nut trees (including citrus), vines, brambles, and bushberries grown in commercial greenhouses.
- **DO NOT** apply this product as an ultra low volume (ULV) spray.
- **DO NOT** apply more than three (3) applications of **Pylon** during a crop growing cycle.
- **DO NOT** apply more than 41 fl ozs of **Pylon** (0.64 lb ai) per acre per crop growing cycle in ornamental crops.
- **DO NOT** apply more than 39 fl ozs of **Pylon** (0.6 lb ai) per acre per crop growing cycle in fruiting vegetable crops.
- **DO NOT** apply more than two (2) consecutive applications of **Pylon** before rotating to a chemical with a different mode of action.

(continued)

USE RESTRICTIONS (continued)

- **DO NOT** apply **Pylon** to consecutive crops in a commercial greenhouse structure unless applied in combination with other effective miticides/insecticides with a different mode of action.
- For any requirements specific to your State or Tribe, consult the agency responsible for pesticide mitigation.

Pylon cannot be used to formulate, reformulate or repack-age into any other pesticide product without the written permission of BASF Corporation.

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.

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

PPE required for early entry into 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,
- Shoes plus socks, and
- Chemical-resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils or Viton ≥ 14 mils.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

Pesticide Storage

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

Pesticide Disposal

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

(continued)

STORAGE AND DISPOSAL *(continued)*

Container Handling

Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying (see rinsing instructions below); then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by the state and local authorities.

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 1/4 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.

Triple rinse containers too large to shake (capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

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.

In Case of Emergency

In case of large-scale spillage regarding this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

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.

Product Information

Pylon® miticide-insecticide is a suspension concentrate (SC) insecticide labeled for mite and insect control in greenhouse grown ornamentals (non-food), juvenile fruit and nut trees (including citrus), vines, brambles, bushberries, and fruiting vegetables. When used as directed, **Pylon** provides control of pests listed on the label. **Pylon** controls juveniles (motiles) and adults of the listed pest species.

Mode of Action

The active ingredient in **Pylon** is chlorfenapyr, a **Group 13** miticide-insecticide in the pyrrole class of chemistry. Chlorfenapyr uncouples oxidative phosphorylation, preventing conversion of ADP to ATP. This disrupts the ability of the target insect to generate energy, resulting in death.

Pylon is translaminar, but not fully systemic.

Pylon has stomach and contact activity.

Pylon is not ovicidal and should be used in a program with insect growth regulators and ovicidal miticides-insecticides to treat all life stages of the pest population.

Insect Resistance Management

For resistance management, **Pylon** contains chlorfenapyr, a **Group 13** insecticide. Any insect population may contain individuals naturally resistant to chlorfenapyr and other **Group 13** insecticides. The resistant individuals may eventually dominate the insect population if this group of insecticides is used repeatedly in the same treatment area. Appropriate resistance management strategies should be followed. Monitor treated pest populations for resistance development. Read product label before applying any insecticide and follow label directions.

To delay insecticide resistance, take the following steps:

- Rotate the use of **Pylon** or other **Group 13** insecticides within a crop growing season, or among crop growing seasons, with different groups that control the same pests. Avoid application of more than the maximum seasonal use rate or the number of consecutive sprays of **Pylon** per season.
- 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.
- Adopt an integrated pest management program for insecticide/acaricide use that includes scouting, historical information related to pesticide use, crop rotation, record keeping, and 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 BASF representatives at 1-800-832-HELP (4357).

Application Information

Pylon® miticide-insecticide can be used on ornamentals grown in the greenhouse only, and can be used on the following greenhouse-grown ornamental plants:

Annual bedding plants
Perennials, herbaceous and woody
Flowering and foliage plants
Woody plants and trees

Pylon may be applied to juvenile fruit and nut trees (including citrus), vines, brambles, and bushberries grown in commercial greenhouses. Immature and/or inedible fruits or nuts or berries may appear on the plant but are not intended for harvest or consumption.

Pylon can be used on fruiting vegetables grown in the greenhouse only, including: African eggplant; bush tomato; cocona; currant tomato; eggplant; garden huckleberry; Goji berry; groundcherry; martynia; naranjilla; okra; pea eggplant; pepino; pepper, bell; pepper, nonbell; roselle; Scarlet eggplant; sunberry; tomatillo; tomato; tree tomato; cultivars, varieties, and/or hybrids of these commodities.

For **Pylon** to be most effective, apply at first sign of insect pests and before the development of high pest pressure. Application should be made within the treatment thresholds for specific pests listed.

Lower rates and/or longer application intervals can be used when pest pressure is low; when pest pressure increases or approaches the economic threshold, use shorter application intervals and increase the application rate.

Thorough and uniform coverage of the leaf surface is required for adequate control. Use sufficient spray volume to ensure thorough coverage.

Additives and Tank Mixing Instructions

Shake container well before use.

Before using any tank mix (fungicides, insecticides, liquid fertilizers, adjuvants, and additives), test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. Treat a small group of plants including all cultivars, and evaluate for 3 to 5 days before applying to the entire crop.

Consult a BASF representative or local agricultural authorities for more information concerning additives.

Compatibility Test for Tank Mix Components

Pylon is compatible with a wide range of spray products, but the full range of compatibilities under local conditions, practices and equipment is not known. Before using

Pylon in any tank mixture, the compatibility of the mixture must be established. Before mixing components, always perform a compatibility jar test:

Add components in the order listed in **Mixing Order** instructions.

For 100 Gallons per Acre Spray Volume: Start with 16 cups (1 gallon) of water from the intended source at the source temperature.

For Other Spray Volumes: Adjust rates accordingly.

Dry Product: add 2 teaspoons per pound of product per acre.

Liquid Product: Add 1 teaspoon per pint of product per acre.

Always cap the jar and invert 10 cycles after component additions.

When the components have been added to the jar, let the solution stand for 15 minutes.

Evaluate the solution for uniformity and stability. The spray solution should not have free oil on the surface, fine particles that precipitate to the bottom, or thick (clabbered) texture. **DO NOT** use any spray solution that could clog spray nozzles.

Mixing Instructions

To assure a uniform spray solution, agitate or shake **Pylon** container prior to use. Prepare no more spray mixture than is necessary for the immediate operation. Add 1/2 to 3/4 of the required amount of clean water to the spray tank. Use a calibrated measuring device to measure the required amount of **Pylon**. Add **Pylon** to the spray tank while agitating. Fill the tank with the remainder of the water.

Application Instructions

- Maintain agitation during application.
- Apply specified dosage using sufficient water to obtain uniform and complete coverage of foliage.
- This product can be applied up to and including the day of harvest.

Plant Safety and Phytotoxicity Notice

Pylon has been applied to a wide variety of common ornamental plants and fruiting vegetables without observed plant injury. Not all species, varieties, and cultivars have been tested for phytotoxicity to **Pylon**, possible tank mix combinations with **Pylon**, pesticide treatments preceding or following those with **Pylon**, and combinations of **Pylon** with surfactants or adjuvants. Local conditions, application methods, and equipment can also influence plant tolerance and may not match those conditions under which BASF has conducted testing. Because many cultivars within a plant species vary in response to chemical applications and growing conditions, the grower must recognize these differences and test the product accordingly. At a minimum, always test a small group of representative plants for sensitivity to **Pylon** under local growing conditions and prior to large-scale use. When

making applications at low volumes (less than the recommended 100 gallon per acre spray volume), test a representative sample of plants using the specific application equipment and desired rate of **Pylon® miticide-insecticide** prior to making large-scale applications. Plant injury has been observed from low volume, high concentration applications on some species, particularly on young plants.

Grower assumes responsibility for testing species suitably under local growing conditions by treating a small number of plants at the specified rate. At a minimum, this should include evaluating treated plants for several weeks following treatment for possible injury or other effects. To the extent consistent with applicable law, by applying **Pylon**, the user assumes responsibility for any crop damage or other liability associated with factors beyond the manufacturer's control, such as weather, presence of other materials, and manner or use of application.

DO NOT tank mix with other pesticides or additives that have not been tested for tolerance under local conditions. If tank mixed with another product, always test a small group of representative plants for sensitivity prior to large-scale use. 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. Crop oils, surfactants and fertilizer adjuvants have been shown to increase the likelihood of phytotoxicity and are not recommended with this product. If greenhouses are under high temperature conditions, use caution whenever including an additive with **Pylon** because plant injury potential can increase.

**Ornamental Crops (Non-food),
Juvenile Fruit and Nut Trees (Including
Citrus), Vines, Brambles, and Bushberries
Grown in Commercial Greenhouses**

Apply **Pylon** according to product guidelines and restrictions sated in the **Use Restrictions** and **Resistance Management** sections.

Refer to the **Plant Safety and Phytotoxicity Notice** section for specific information on cultivar testing prior to application.

DO NOT apply **Pylon** to plants exhibiting symptoms of stress or injury, such as stunting, wilting, leaf burn or drop, or abnormal growth.

Apply **Pylon** during the coolest part of the day, as increased temperatures increase risk of phytotoxicity.

If application is to be made to tender crops, such as seedlings, plugs, and unrooted cuttings in early stages of development, test **Pylon** on a small number of plants and evaluate before full scale application as phytotoxicity may occur.

Make applications prior to blooming or avoid blooms where possible.

Refer to **Ornamental Plants Sensitive to Pylon Applications** for the list of plants known to be sensitive to **Pylon**.

Ornamental Plants Sensitive to Pylon Applications	
Dianthus (including carnations, pinks and Sweet William varieties)	<i>Dianthus</i> spp.
Kalanchoe	<i>Kalanchoe blossfeldiana</i>
Poinsettia	<i>Euphorbia pulcherrima</i>
Roses	<i>Rosa</i> spp.
Salvia	<i>Salvia</i> spp.
Zinnia	<i>Zinnia</i> spp.
Rhododendrons (including Azaleas) ^{1,2}	<i>Rhododendron</i> spp.

¹ Severe injury has been observed several weeks and months after **Pylon** application to Rhododendrons, including Azaleas. User accepts all risk of applications to *Rhododendron* species, including Azaleas.

² **DO NOT** apply **Pylon** to Rhododendrons, including Azaleas, in California.

**Pylon® miticide-insecticide Use-Specific Application Instructions
Greenhouse-Grown Ornamentals (Non-food), Juvenile Fruit and Nut Trees
(Including Citrus), Vines, Brambles, and Bushberries**

Target Pest	Application Rate¹ fl ozs Pylon per 100 gal	Comments
Mites, including: Two-spotted spider mite <i>Tetranychus urticae</i> <i>Tetranychus</i> spp. Broad mite <i>Polyphagotarsonemus latus</i> Citrus budmite <i>Eriophyes sheldoni</i> Cyclamen mite <i>Phytonemus pallidus</i> Rust mite <i>Phyllocoptruta</i> sp., <i>Epitrimerus</i> sp. and <i>Aculus</i> sp.	2.6 to 5.2	Low to moderate populations of mites can be controlled for 14 to 21 days with one Pylon application at 2.6 to 5.2 fl ozs (0.04 to 0.08 lb of active ingredient per 100 gallons). High populations of mites require 5.2 fl ozs Pylon followed by a sequential application at 5.2 fl ozs (0.08 lb of active ingredient per 100 gallons) 5 to 7 days later.
Caterpillars, including: Beet armyworm <i>Spodoptera exigua</i> Cabbage looper <i>Trichoplusia ni</i> Soybean looper <i>Psuedoplusia includens</i>	2.6 to 6.4	Apply when pests are first observed, before crop damage occurs.
Foliar nematodes ² <i>Aphelenchoides</i> spp.	5.2 to 10	Make the initial application at first signs of plant damage or visible nematodes, followed by a second application 7 to 14 days later. A third application can be made 4 to 6 weeks following the initial application if plant damage or nematodes are detected.
Fungus gnats ² <i>Bradysis</i> sp.		Pylon does not control emerged adults. Apply to early larval stage.
Thrips², including: Chilli Thrips <i>Scirtothrips dorsalis</i> Western flower thrips <i>Frankliniella occidentalis</i>		Western flower thrips may be concealed in blooms and will be difficult to control.
¹ DO NOT apply more than 41 fl ozs of Pylon (0.64 lb ai) per acre, per crop growing cycle, per year in ornamental crops. ² A tank mix with IGR (insect growth regulator) or second MOA (mode of action) product registered for this use is recommended to enhance control.		

Fruiting Vegetable Crops Grown in Commercial Greenhouses

Apply **Pylon** according to product guidelines and restrictions stated in the **Use Restrictions** and **Resistance Management** sections.

Refer to the **Plant Safety and Phytotoxicity Notice** section for specific information on cultivar testing prior to application.

Apply **Pylon** during the coolest part of the day, as increased temperatures increase risk of phytotoxicity.

Make applications 5 to 21 days apart depending on pest pressure. Use a longer application interval and lower rate when pest pressures are low, and a shorter application interval with higher rates when pest pressures are high.

Please refer to the **Plant Safety and Phytotoxicity Notice** section for more instructions on low volume applications.

DO NOT apply **Pylon** as an ultra-low volume (ULV) spray.

Pylon® miticide-insecticide Use-Specific Application Instructions
Greenhouse-Grown Fruiting Vegetables

Crop	Target Pest	Application Rate¹ fl ozs Pylon per 100 gal	Comments
Fruiting Vegetables, including: African eggplant Bush tomato Cocona Currant tomato Eggplant Garden huckleberry Goji berry Groundcherry Martynia Naranjilla Okra Pea eggplant Pepino Pepper, bell Pepper, nonbell Roselle Scarlet eggplant Sunberry Tomatillo Tomato Tree tomato Cultivars, varieties, and/or hybrids of these commodities	Mites, including: Spider mites <i>Tetranychus urticae</i> <i>Tetranychus</i> spp. Broad mite <i>Polyphagotarsonemus latus</i>	6.5 to 13	Low to moderate populations of mites can be controlled for 14 to 21 days with one Pylon application at 6.5 to 13 fl ozs (0.08 to 0.16 lb of active ingredient per 100 gallons). High populations of mites require 13 fl ozs Pylon followed by a sequential application at 13 fl ozs (0.16 lb of active ingredient per 100 gallons) 5 to 7 days later.
	Caterpillars, including: Beet armyworm <i>Spodoptera exigua</i> Southern armyworm <i>Spodoptera eridania</i> Fall armyworm <i>Spodoptera frugiperda</i> Yellowstriped armyworm <i>Spodoptera ornithogalli</i> Tomato pinworm <i>Keiferia lycopersicella</i> Tomato fruitworm <i>Heliothis zea</i> Hornworms <i>Manduca quinquemaculata</i> Tobacco budworm <i>Heliothis virescens</i> Cabbage looper <i>Trichoplusia ni</i> Alfalfa looper <i>Autographa californica</i>	6.5 to 13	Apply when pests are first observed, before crop damage occurs.
	Thrips ² , including: Western flower thrips <i>Frankliniella occidentalis</i> Melon thrips <i>Thrips palmi</i> Onion thrips <i>Thrips tabaci</i>	6.5 to 13	Western flower thrips may be concealed in blooms and will be difficult to control.

¹ **DO NOT** apply more than 39 fl ozs of **Pylon** (0.6 lb ai) per acre, per crop growing cycle, per year.

² A tank mix with IGR (insect growth regulator) or second MOA (mode of action) product registered for this use is recommended to enhance control.

Pylon® miticide-insecticide Rate Conversions for Volume-based Applications

Spray Volume per Acre (gallons)	Pylon Rate (ozs per 100 gallons)	Chlorfenapyr (lb ai per 100 gallons)
100	2.6	0.04
	5.2	0.08
	6.5	0.1
	9.8	0.15
	10	0.16
	13	0.2

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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PC309

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Pylon® miticide-insecticide is specially formulated and sold by BASF for the control of pests according to the **Directions For Use** on this label. Uses of **Pylon** other than those specified on this label may violate other patent rights of BASF.

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We create chemistry