

100-667

C 10/02/2009

4/17



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Pat Dinnen
Label Group Leader
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419

OCT 2 2009

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Pat Dinnen:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated September 14, 2009 for:

EPA Registration 100-667

Citation Insecticide

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



Unit States
Environmental Protection Agency
 Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Notification

Application for Pesticide - Section I

1. Company/Product Number 100-667	2. EPA Product Manager Richard Gebkin	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Citation Insecticide	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

OCT - 2 2009

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Notification of label change per PR Notice 2007-4. This Notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Syngenta is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per Container	If "Yes" Unit Packaging wgt.	No. per container
					6
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 15.96 oz.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product			<input type="checkbox"/> Lithograph	<input checked="" type="checkbox"/> Other	<u>Pressure Sensitive</u>
			<input type="checkbox"/> Paper glued		
			<input type="checkbox"/> Stenciled		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Pat Dinnen		Title Label Group Leader		Telephone No. (Include Area Code) 336-632-2494	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature <i>Pat Dinnen</i>		3. Title Regulatory Specialist			
4. Typed Name Pat Dinnen		5. Date September 14, 2009			

Certification with Respect to Label Integrity

Version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
100-667	9/14/2009	000100-00667.20090911.CITATION_PRN2007-4_SEP2009.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Pat Dinnen

Signature

September 14, 2009

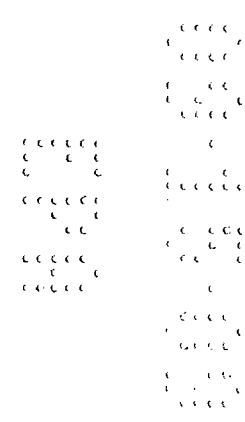
Date

Pat Dinnen

Name (typed)

Label Group Leader

Title



4/17

Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300
www.syngenta.com



FedEx

September 14, 2009

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attention: Ms. Linda Arrington

**SUBJECT: CITATION® INSECTICIDE
EPA REG. NO. 100-667
NOTIFICATION OF LABEL CHANGE PER PR NOTICE 2007-4**

Syngenta Crop Protection, Inc. is submitting Notification for Citation Insecticide, EPA Reg. No. 100-667. Syngenta is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

Attached are:

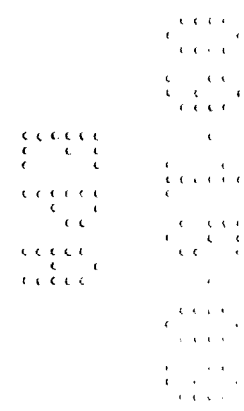
- One copy of the label with the changes clearly marked
- One unmarked copy of the label
- A CD of the unmarked copy of the label for "Electronic Comparison and Review"
- Certificate with Respect to Label Integrity Form
- Completed EPA Form 8570-1

Thank you in advance for approving this Notification. If you have any questions, please contact me at 336-632-2494.

Sincerely,

Pat Dinnen
Label Group Leader
Regulatory Affairs

Enclosures



5/17

(Booklet)

NOTIFICATION

Citation®

OCT - 2 2009

Insecticide

For control of selected insects, including Dipterous leafminers, and fungus gnats in landscape ornamentals; container grown ornamentals; greenhouse, lath and shadehouse grown ornamental bedding plants, and ornamental crops; and interiorscapes; and shore flies, only in greenhouse ornamental crops and interiorscapes.

Active Ingredient:

Cyromazine: (CAS #66215-27-8)..... 75.0%

Other Ingredients: 25.0%

Total: 100.0%

Citation® is a wettable powder.

This outer protective container contains Citation in small, inner water-soluble packets. Entire inner packets and contents dissolve in water. After opening the container, immediately dump the required number of unopened inner packets into the partially filled sprayer or mix tank. Do not excessively handle the soluble packets or expose them to moisture, since this may cause rupturing.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-667

EPA Est. 67545-AZ-1

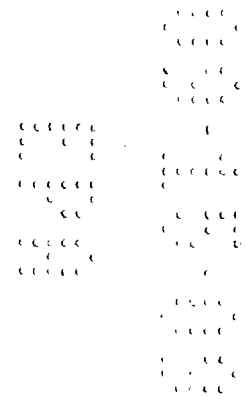
Product of the United Kingdom

Formulated in the USA

SCP 667A-L1G 0903

6 X 2.66 Ounce
Water-Soluble Packets

15.96 Ounces
Total Net Weight



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

PRECAUTIONARY STATEMENTS

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.

Personal Protective Equipment

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant apron when cleaning equipment, mixing, or loading

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

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

User Safety Recommendations

Users should:

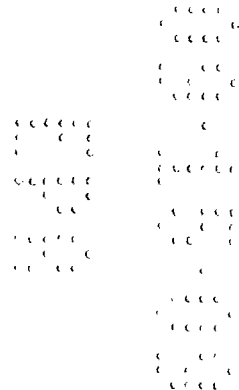
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

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

Ground Water Advisory

A Citation metabolite has been found in ground water as a result of agricultural use. Use of this product in areas where soils are permeable and water tables are shallow could result in leaching to ground water. Irrigation could increase the risk of contamination.



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.

AGRICULTURAL USE REQUIREMENTS

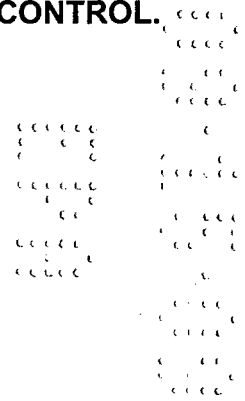
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements 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
- Waterproof gloves
- Chemical-resistant footwear plus socks

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



local extension or university personnel, or refer to brochures for information on IPM practices.

Chemigation: Do not apply Citation through any type of irrigation system.

Special Precautions to Minimize Leafminer Resistance

Leafminers can develop resistance to Citation. Citation should not be used as the only control for leafminers. Make no more than 3 applications at 7-day intervals, then switch to Avid® as an alternative control for the same period. Following use of Avid, Citation may again be applied at 7-day intervals, if necessary for control. Do not make more than a total of 6 applications of Citation to one crop. When using Avid, refer to the Avid product labeling for all directions, restrictions and precautions.

Notes: Citation has been evaluated for safety to many greenhouse, and ornamental plants as a foliar spray and a soil drench. No phytotoxicity has been observed at the rates recommended in this label on ageratum, baby's breath, chrysanthemum, cosmos, dahlia, gerbera daisy, gloriosa daisy, impatiens, marigold, petunia, poinsettia, salvia, snapdragon, transvaal daisy, verbena, and zinnia. While many plant species and cultivars have been evaluated, each species and/or cultivars should be evaluated for phytotoxicity prior to making applications to the entire crop. To evaluate possible phytotoxic effects before treating ornamental crops not listed above, the grower should test Citation on a small group of plants under the same conditions in which they will be grown for at least 2 weeks.

APPLICATION

For control of Dipterous leafminers (*Liriomyza* spp.), apply 2.66 oz./A in a minimum of 100 gals. 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 in 100 gals. 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.

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

Rotation Crops

Other ornamental crops may be planted following harvest of a Citation-treated crop. Do not rotate to any food crop, except sweet corn, radishes, celery, head or leaf lettuce,

cucurbits, peppers, or spinach. Do not plant sweet corn or radishes within 3 months after last application:

MIXING INSTRUCTIONS

Prepare no more spray than is necessary for the immediate operation. Thoroughly clean spray equipment before using this product. Agitate thoroughly before and during application. "Rolling" agitation is suggested to keep Citation thoroughly mixed and in suspension. Flush spray tank thoroughly with clean water daily after use and dispose of pesticide rinsate by application to a previously treated area.

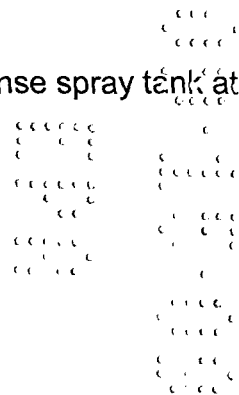
Citation Alone: Add 1/2-2/3 of the required amount of water to the spray or mix tank. With the agitator running, drop the required number of unopened soluble pouches of Citation into the tank all at once. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the pouches have dissolved, and the material has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Citation + Tank Mixtures: Citation is compatible with most commonly used insecticides, fungicides, and spray adjuvants used in the production of bedding plants, ornamentals and other crops grown in nurseries. When using Citation in tank mixture with other pesticides, observe all directions for use and precautions on the respective tank mix label.

Add 1/2-2/3 of the required amount of water to the spray or mix tank. With the agitator running, drop the required number of unopened soluble pouches of Citation into the tank all at once. Continue agitation while adding the remainder of the water. Tank mix partners may be added only when: (1) the Citation pouches and their contents have dissolved and dispersed into the mix water, and (2) when the tank has filled with water. Maintain agitation when adding the tank mix partners and until all of the mixture has been applied.

Precautions: (1) Water-soluble pouches of Citation must be completely dissolved and dispersed in water before any other tank mix partner, including micronutrients or other liquid or dry fertilizer, is added to the spray solution. (2) When more than one product is packaged in water-soluble pouches, add all of those products at once to the mix or spray tank. Apply any other products after soluble pouches have completely dissolved, and the material has completely dispersed into the mix water.

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



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

Citation 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 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.

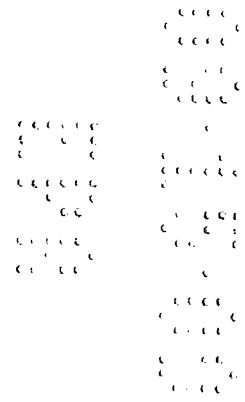
Avid®, Citation® and the Syngenta logo are trademarks of a Syngenta Group Company

©2003 Syngenta

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

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

SCP 667A-L1G 0903



(BASE LABEL)

Citation®

Insecticide

For control of selected insects, including Dipterous leafminers, and fungus gnats in landscape ornamentals; container grown ornamentals; greenhouse, lath and shadehouse grown ornamental bedding plants, and ornamental crops; and interiorscapes; and shore flies, only in greenhouse ornamental crops and interiorscapes.

Active Ingredient:

Cyromazine: (CAS #66215-27-8)..... 75.0%

Other Ingredients:..... 25.0%

Total:..... 100.0%

Citation is a wettable powder.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See directions for use in booklet.

AGRICULTURAL USE REQUIREMENTS

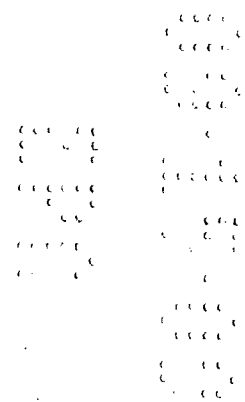
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-667

EPA Est. 67545-AZ-1

6 X 2.66 Ounce
Water-Soluble Packets

15.96 Ounces
Total Net Weight



Precautionary Statements

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.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If 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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

HOT LINE NUMBER
 For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical
 Emergency Assistance (Spill, Leak, Fire, or Accident), Call
1-800-888-8372

Environmental Hazards

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

Container Disposal Handling

Non-refillable container. Do not reuse or refill this outer container. Offer for recycling if available or dispose of the empty outer foil pouch container in the trash as long as WSP is unbroken a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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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Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

SCP 667A-L1G 0903

CIT 667A L1G 0903-1g-9-29-03
CIT 667A L1G 0903 PRN2007-4 NOTIF-SEP2009 – pl – 9/11/09

