

100-667

3-21-2001

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Please read instructions on reverse before completing form.

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number NOTIFICATION
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Application for Pesticide - Section I

1. Company/Product Number 100-667	2. EPA Product Manager Linda Del Luise	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Citation® Accu-Pak® 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 _____	NOTIFICATION MAR 21 2001
<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.	

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
 This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of 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 this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, 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. The following changes are being made via this notification: 1) Company name and address have been updated to reflect Syngenta Crop Protection, Inc. 2) The Conditions of Sale and Warranty statement has been changed to reflect the name change. Because Syngenta has been formed by the merger of Novartis Crop Protection, Inc. and Zeneca Ag Products, we have chosen to use the former Zeneca warranty statement as the Syngenta warranty statement. No other changes occur in the statement other than the name change. 3) The copyright date reflects Syngenta. 4) Trademark statements have been updated to reflect Syngenta for those products for which Syngenta holds the trademark. 5) The Internet address has been changed to reflect Syngenta. 6) Other places in the label which referring to the company name have been updated.

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 type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Unit Packaging wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input 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 type="checkbox"/> Other _____ <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.)			6. Date Application Received (Stamped)
Name Nan S. Padgett	Title Label Group Leader	Telephone No. (include Area Code) 336-632-7567	
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.			
2. Signature 	3. Title Label Group Leader		
4. Typed Name Nan S. Padgett	5. Date March 12, 2001		

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PULL HERE TO OPEN ▶



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 No. 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 inside booklet.
Product of Great Britain Formulated in the USA
EPA Reg. No. 100-667 EPA Est. 67545-AZ-1
SCP 667A-L1E 0201

6 x 2.66 OUNCE **15.96 OUNCES**
Water-Soluble Packets TOTAL NET WEIGHT



NOTIFICATION

MAR 21 2001

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

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

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

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

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

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

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

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.

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

GENERAL INFORMATION

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.

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

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.

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

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 specie and/or cultivar 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.

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.

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.

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.

STORAGE AND DISPOSAL

Store in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal. Do not use in animal feeds.

Storage

Do not store this product under wet conditions. Handle container carefully to avoid breakage of inner soluble pouch.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions, must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

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Container Disposal

Do not reuse outer container. Dispose of empty container in 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. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

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.

Statement of Practical Treatment

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash with plenty of soap and water. If irritation develops or persists, get medical attention.

If in eyes: Flush with plenty of water. If irritation develops or persists, get medical attention.

If inhaled: Move victim to fresh air.

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 water. 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.

Accu-Pak®, Avid®, and Citation® trademarks of Syngenta

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Product of Great Britain
Formulated in the USA

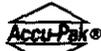
Syngenta Crop Protection, Inc.
Turf and Ornamental Products
Greensboro, North Carolina 27409
www.syngenta-us.com

SCP 667A-L1E 0201



This booklet manufactured using post-consumer, recycled paper.

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Citation® INSECTICIDE

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Active ingredient:
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Other ingredients: 25.0%
Total: 100.0%

Citation is a wettable powder.

EPA Reg. No. 100-667

EPA Est. 67545-AZ-1

Accu-Pak® and Citation®
trademarks of Syngenta

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Syngenta Crop Protection, Inc.
Turf and Ornamental Products
Greensboro, NC 27409
www.syngenta-us.com

SCP 667A-L1E 0201

6 x 2.66 OUNCE
Water-Soluble Packets

15.96 OUNCES
TOTAL NET WEIGHT

See directions for use in attached 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.

KEEP OUT OF REACH OF CHILDREN. CAUTION

Precautionary Statements Hazards to Humans and Domestic Animals

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Statement of Practical Treatment

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If inhaled: Move victim to fresh air.

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