

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

Application for Pesticide - Section I

1. Company/Product Number 100-669	2. EPA Product Manager Marilyn Mautz	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) Curacron® 8E Closed System Insecticide-Miticide	PM# IRB	
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

MAR 21 2001

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	Metal <input type="checkbox"/>		Plastic <input type="checkbox"/>
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Unit Packaging wgt. No. per container		Glass <input type="checkbox"/>
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"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____		

Section - IV

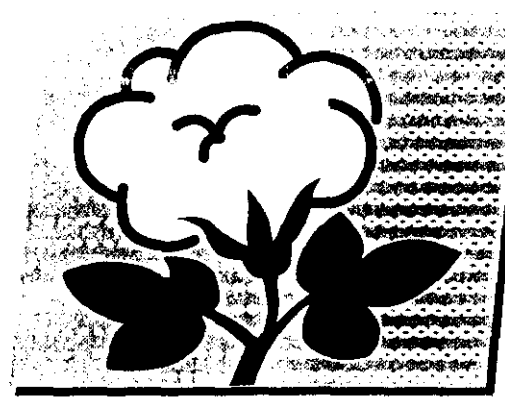
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Nan S. Padgett		Title Label Group Leader		Telephone No. (Include Area Code) 333-632-7567	
Certification I certify that the statements I have made on 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>Nan S Padgett</i>		3. Title Label Group Leader			
4. Typed Name Nan S. Padgett		5. Date March 12, 2001			

MAR 21 2001

PULL HERE TO OPEN ▶

RESTRICTED USE PESTICIDE
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

Curacron®



8E

CLOSED SYSTEM

INSECTICIDE-MITICIDE

For insect and mite control in cotton

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

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 additional precautionary statements and directions for use inside booklet.

Active Ingredient:	
Profenofos (CAS No. 41198-08-7) . . .	73.0%
Other Ingredients*:	27.0%
Total:	100.0%

*Contains petroleum distillates

Curacron 8E contains 8 lbs. active ingredient per gallon.

EPA Reg. No. 100-669

EPA Est. 34704-MS-1

SCP 669A-L4B 0201

2.5 GALLONS
U.S. Standard Measure



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.

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), notification to workers, 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 48 hours. Each 48-hour REI is increased to 72 hours in outdoor areas where average rainfall is less than 25 inches per year.

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 short-sleeved shirt and short pants
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or viton
- Chemical-resistant footwear plus socks
- Protective eyewear

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

FAILURE TO FOLLOW ALL DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR CONTROL, AND/OR ILLEGAL RESIDUES.

COTTON**Curacron 8E Alone**

Apply Curacron 8E at the specified rates below in a minimum of 5 gals. of water per acre with ground equipment, or in a minimum of 1 gal. of water per acre by air. In late season, under heavy infestations and high temperatures, apply Curacron 8E in a minimum of 3 gals. of water per acre to ensure maximum coverage. To avoid spray drift, do not apply under windy conditions. Avoid spray overlap because crop injury may result.

If the need to control boll weevil becomes apparent while using Curacron 8E, Guthion® or methyl parathion may be tank mixed with Curacron 8E. Refer to the Guthion or methyl parathion labels for directions, limitations, and precautions.

Aphids (All cotton growing states): Apply 1/2 pt. of Curacron 8E per acre at 5 to 7-day intervals as needed, starting when economic thresholds are reached. Economic thresholds will vary by locality. Consult your pest control advisor or cotton consultant to determine economic thresholds in your area.

Plant bugs/lygus bugs* (All cotton growing states): Apply 1/4-1/2 pt. of Curacron 8E per acre at 5 to 7-day intervals as needed, starting when economic thresholds are reached. Economic thresholds will vary by locality. Consult your pest control advisor or cotton consultant to determine economic thresholds in your area.

*In AZ and CA, Curacron 8E offers suppression of lygus bugs.

Cotton bollworm, tobacco budworm: (All cotton growing states except AZ and CA)

Contact Ovicide Activity: For contact ovicidal activity of bollworms, apply 1/8-1/4 pt. of Curacron 8E per acre, for budworms, apply 1/4 pt./A. The higher rate should be used if plant bugs are also present. Continue at 5 to 7-day intervals as needed.

Larvae Control Only: Apply 3/4-1 pt. of Curacron 8E per acre on small larvae. Apply 1 pt./A on large larvae and under heavy infestation. Scout fields thoroughly and repeat application at 5 to 7-day intervals. Spray intervals of 5 to 6 days may be necessary when heavy infestations are present.

Cotton bollworm, tobacco budworm (AZ and CA): Apply Curacron 8E at 5 to 7-day intervals as needed, beginning when infestations first appear. Use 1/2-3/4 pt./A for light to moderate infestations and 3/4-1 pt./A for moderate to heavy infestations.

Cotton leafperforator, beet armyworm (All cotton growing states): Apply Curacron 8E at 5 to 7-day intervals as needed, starting when egg masses and larvae first appear. Use 1 pt./A and scout fields thoroughly to determine need for repeat application. Spray intervals of 5 to 6 days may be necessary when heavy infestations are present.

Fall armyworm (All cotton growing states): Apply 3/4-1 pt. of Curacron 8E per acre at 5 to 7-day intervals as needed, starting when larvae first appear. For best results, application should be made to young larvae still feeding on leaf surfaces, and before migration to blooms and bolls has occurred.

Mites (All cotton growing states): Apply 1/2-1 pt. of Curacron 8E per acre at 5 to 7-day intervals as needed, starting when mites first appear.

Whitefly suppression (All cotton growing states): To aid in the reduction of whitefly populations, apply 3/4-1 pt. of Curacron 8E at 5 to 7-day intervals as needed, starting when whiteflies first appear.

Important: To avoid illegal residues: (1) Do not apply more than 3 qts. of Curacron 8E per acre per season. (2) Do not apply Curacron 8E within 14 days of harvest. (3) Do not allow livestock to graze treated cotton. (4) Do not feed gin trash or foliage from treated cotton plants to livestock.

Curacron 8E + Tank Mixtures (All cotton growing states)

To broaden the spectrum of insect control, if multiple pests, including boll weevil occur, it may be useful to tank mix Curacron 8E with other EPA-registered pesticides.

Curacron 8E has been found compatible in tank mixtures with the products listed below. When using Curacron 8E in tank mixtures, observe all limitations, precautions, and rate recommendations which appear on the labels for these products.

Ammo® 2.5EC	Design®	Larvin® 3.2	Ova syn®
Asana® XL	Dibrom® 8	Lock-On®	Parathion
Baythroid 2®	Dipel® ES	Lorsban® 4E	Phaser® 3EC
Bicot™	Dipel® 2X	Malathion	Pounce® 3.2EC
Bolstar® 6	Fury® 1.5EC	Meta-Systox R®	Provado™
Capture® 2EC	Guthion® 2L	Monitor® 4 Spray	Scout X-TRA®
Condor®	Javelin® WG	Mustang™	Supracide®
Cymbush®	Karate®	MVP®	Thiodan® 3EC
Danitol® 2.4EC	Lannate®	Orthene® 75S	Vydate® L

Note: Applications to cotton may cause spotting or reddening of leaves.

Curacron 8E + Oil (All cotton growing states)

Apply Curacron 8E following use directions above, selecting rates and timings according to pest problem.

Curacron 8E may be diluted with once-refined vegetable oil for ULV application. Make application using 1-2 qts. of finished spray per acre.

Curacron 8E may be applied in water with the addition of 1-2 pts. of emulsified vegetable oil as an additive. Make application using a minimum of 1 gal. total mix per acre.

Important: When applying Curacron 8E in oil: (1) Make no more than 3 applications of Curacron 8E in oil per season. (2) Do not apply within 30 days of harvest.

STORAGE AND DISPOSAL

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

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Disposal: Triple rinse (or equivalent). Then puncture container and dispose of in a sanitary landfill, or incinerate. The container may be disposed of by open burning if allowed by state and local authorities. Stay out of smoke from burning container.

Emergency Response

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****WARNING/AVISO**

May be fatal if absorbed through skin. Causes eye irritation. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or spray mist. Harmful if swallowed or inhaled.

Statement of Practical Treatment

This product is an organophosphate.

If swallowed: Call a physician or Poison Control Center. May present aspiration hazard. DO NOT induce vomiting. Drink large quantities of water. Get medical attention immediately.

If on skin: Wash with plenty of soap and water. Get medical attention.

If in eyes: Hold eyelids open and flush with plenty of water. Call a physician if irritation persists.

If inhaled: Remove victim to fresh air.

Note to Physician: If symptoms of cholinergic poisoning occur, atropine plus 2-PAM may be helpful. If swallowed, lavage stomach, taking care to avoid aspiration of stomach contents into the lungs.

Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing, or loading

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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, enclosed cabs, or aircraft 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

Due to the hazard to endangered fish, the application of this product is prohibited in Reeves County, TX and within one mile of the Dexter National Fish Hatchery in NM. This pesticide is toxic to fish and wildlife. Use with care when applying to areas frequented by wildlife or adjacent to any body of water. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply with aircraft within 300 ft. upwind of impounded water. Do not apply when weather conditions favor drift from treated areas. Do not apply with aircraft when wind speed is greater than 10 mph. Apply this pesticide only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply this product or allow it to drift to crops or weeds on which bees are foraging. Additional information may be obtained from your Cooperative Agricultural Extension Service.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

Curacron® trademark of Syngenta

U.S. Patent No. 3,992,533

Supracide® trademark of Syngenta, exclusively licensed to Gowan Company

Ambush®, Cymbush®, and Karate® trademarks of Zeneca Ag Products

Ammo®, Capture®, Fury®, Mustang™, Pounce®, and Thiodan® trademarks of FMC Corporation

Asana®, Vydate®, and Lannate® trademarks of E. I. duPont de Nemours and Company, Inc.

Baythroid®, Bolstar®, Guthion®, and Provado™ trademarks of Bayer Corporation

Bicot™ and Comite® trademarks of Uniroyal Chemical Company, Inc.

Condor® trademark of Ecogen, Inc.

Danitol®, Dibrom®, Monitor®, and Orthene® trademarks of Valent USA Corporation

Design® and Javelin® trademark of Thermo Trilog

Dipel® trademark of Abbott Laboratory

Larvin® trademark of Rhône-Poulenc Ag Company

Lock-On® and Lorsban® trademarks of Dow AgroSciences

Meta-Systox R® trademark of Gowan Company

MVP® trademark of Mycogen Corporation

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Ova syn®, Phaser®, and Scout X-TRA® trademarks of AgrEvo, USA

Solubor® trademark of United States Borax and Chemical Corporation

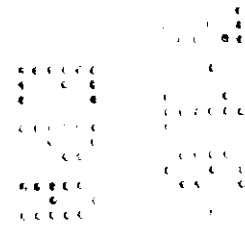
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Syngenta Crop Protection, Inc.

Greensboro, North Carolina 27409

www.syngenta-us.com

SCP 669A-L4B 0201



RESTRICTED USE PESTICIDE

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Curacron® 8E**CLOSED SYSTEM****INSECTICIDE-MITICIDE**

For insect and mite control in cotton

Active Ingredient:	
Profenofos (CAS No. 41198-08-7)	73.0%
Other Ingredients*:	27.0%
Total:	100.0%

*Contains petroleum distillates

Curacron 8E contains 8 lbs. active ingredient per gallon.

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.

EPA Reg. No. 100-669

EPA Est. 34704-MS-1

Curacron® trademark of Syngenta
U.S. Patent No. 3,992,533

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

SCP 669A-L4B 0201

2.5 GALLONS
U.S. Standard Measure

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Physical or Chemical Hazards

Do not use or store near heat or open flame.

Chemigation

Do not apply this product through any type of irrigation system.