



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

257822

Application for Pesticide - Section I

1. Company/Product Number 3125-539	2. EPA Product Manager Marilyn Mautz	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product Name Aztec® 2.1% G Insecticide	PM# 04	
5. Name and Address of Applicant (Include ZIP Code) Bayer Corporation, Agriculture Division 8400 Hawthorn Road, P.O. Box 4913 Kansas City, MO 64120-0013 <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 DEC 11 2000
<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.)

See Attachment

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt. _____ No. Per Container _____	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wgt. _____ No. Per Container _____	2. Type of Container <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			
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 David W. Sturdivant	Title Regulatory Affairs Specialist, Insecticide Registrations	Telephone No. (Include Area Code) (816) 242-2225	
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 	3. Title Vice President, Regulatory Affairs and Product Stewardship		
4. Typed Name Wayne C. Carlson	5. Date November 29, 2000		

2/16

Aztec® 2.1% G
EPA Reg. No. 3125-539
November 29, 2000

Section II - Explanation

NOTIFICATION of correction of a typographical error in the ingredient statement as per PR Notice 98-10.

A typographical error in the ingredient statement is being corrected on the Aztec 2.1% G Insecticide label as per PR Notice 98-10 section IV. A. and 40 CFR §152.46.

In the ingredient statement on the current Aztec 2.1% G Insecticide label, the chemical name for the active ingredient Cyfluthrin is given as:

Cyano(4-fluoro-3-phenoxyphenyl)-methyl 3-(2,2-dichloroethyl)-2,2-dimethylcyclopropanecarboxylate

The correct spelling of the cyfluthrin chemical name is (correction underlined):

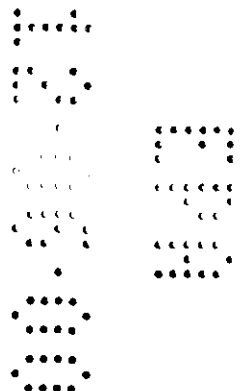
Cyano(4-fluoro-3-phenoxyphenyl)-methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate

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.

As per PR Notice 98-10, one copy of the corrected label is enclosed with a completed Application for Registration (EPA Form 8570-1).

NOTIFICATION

DEC 11 2000



3/6

RESTRICTED USE PESTICIDE

Due to Toxicity to Aquatic Invertebrates

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.

Aztec® 2.1% G

NOTIFICATION

DEC 11 2000

Insecticide

For control of corn rootworms, cutworms and other soil insect pests in corn.

ACTIVE INGREDIENTS:

O-[2-(1,1-Dimethylethyl)-5-pyrimidinyl]
-O-ethyl O-(1-methylethyl) phosphorothioate . 2.0%

Cyfluthrin, Cyano(4-fluoro-3-phenoxyphenyl)-
methyl 3-(2,2-dichloroethenyl)-2,2-
dimethylcyclopropanecarboxylate 0.1%

INERT INGREDIENTS: 97.9%
100.0%

U.S. Patent Nos. 4,666,894; 4,218,469 and 4,287,208

EPA Reg. No. 3125-539 . . . NET WEIGHT: POUNDS

**STOP - Read the label before use.
Keep out of reach of children.**

WARNING AVISO

PRECAUCION AL USUARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(TO THE USER: If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID Organophosphate	
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 in eyes	<ul style="list-style-type: none"> • Hold eye 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. • 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 to 20 minutes. • Call a poison control center or doctor for treatment advice.
First Aid continued in next column	

First Aid continued

If inhaled

- 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.

In case of emergency call toll free the Bayer Kansas City Emergency Response Telephone No. 800-414-0244. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

Note To Physician: ANTIDOTE: Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine. Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 24-48 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapor or dust. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment (PPE). Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Water-proof gloves
- Shoes plus socks

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 controls statements:

- When handlers use closed systems, or enclosed cabs 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.

- 4/16
- The closed systems or enclosed cabs must be used 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.
- 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 fish and wildlife. 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 contaminate water when disposing of equipment washwaters.

When used on erodible soils, best management practices for minimizing runoff should be employed. Consult your local Soil Conservation Service for recommendations in your use area. For applications made within 20 yards of water (lakes, reservoirs, rivers, permanent streams, marshes, estuaries, natural ponds, or ponds used for commercial fishing), apply as an in-furrow application only.

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, 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.

The restricted entry interval (REI) for workers entering areas treated with AZTEC 2.1 G is 0 hours.

Notify workers of the application by warning them orally.

IMPORTANT: Read these entire Directions and Conditions of Sale before using AZTEC 2.1% G Insecticide.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. BAYER OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF BAYER AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

For use only in the states of: Arkansas, Colorado, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, South Dakota, Tennessee, Utah, Vermont, West Virginia, Wisconsin, and Wyoming.

Do not use on other crops grown for food or forage.

Corn may be replanted anytime after application of AZTEC 2.1 G. All other crops may be planted 30 days after application.

AZTEC 2.1 G is not systemic and will not interact with corn herbicides. It will not affect seed germination and crop emergence when applied in-furrow.

5/16

RECOMMENDED APPLICATIONS																
CROP	PEST	DOSAGE														
FIELD CROPS Field Corn Sweet Corn Popcorn Corn grown for seed or silage	Corn rootworm larvae Northern Western Southern Mexican Cutworms Wireworms Seedcorn maggot Seedcorn beetle White grubs	6.7 Ounces Per 1000 Feet of Row														
REMARKS: BAND - Apply specified dosage at planting as a 7-inch band over the row behind the press wheel. Granules must be incorporated into the top one inch of soil using tines, chains, or other suitable equipment. T-BAND - Apply specified dosage at planting as a T-Band over the row behind the planter shoe and in front of the press wheel. Incorporation into the soil surface may also be accomplished with a drag chain or other suitable equipment. IN-FURROW - Apply specified dosage at planting directly into the seed furrow behind the planter shoe and in front of the press wheel.																
A maximum of 7.3 pounds AZTEC 2.1% G may be applied per acre per crop season.																
<table><tr><th>Row Spacing (inches)</th><th>Pounds per Acre</th></tr><tr><td>30</td><td>7.3</td></tr><tr><td>32</td><td>6.9</td></tr><tr><td>34</td><td>6.5</td></tr><tr><td>36</td><td>6.1</td></tr><tr><td>38</td><td>5.8</td></tr><tr><td>40</td><td>5.5</td></tr></table>			Row Spacing (inches)	Pounds per Acre	30	7.3	32	6.9	34	6.5	36	6.1	38	5.8	40	5.5
Row Spacing (inches)	Pounds per Acre															
30	7.3															
32	6.9															
34	6.5															
36	6.1															
38	5.8															
40	5.5															
OPTIMUM CONTROL - Optimum control of cutworm is achieved when AZTEC 2.1 G is applied as a Band or T-Band. Optimum control of wireworms, seedcorn maggot, seedcorn beetle and white grubs is achieved when AZTEC 2.1 G is applied as a T-Band or In-Furrow.																
For no-till corn where runoff drains into adjacent or neighboring aquatic sites (lakes, reservoirs, rivers, permanent streams, marshes, estuaries, natural ponds, or ponds used for commercial fishing), apply AZTEC 2.1 G as an in-furrow or T-band application only.																
For applications made within 20 yards of aquatic sites (lakes, reservoirs, rivers, permanent streams, marshes, estuaries, natural ponds, or ponds used for commercial fishing), apply as an in-furrow application only.																
Cover or incorporate spills (including end row spillage).																

EQUIPMENT CALIBRATION					
Application equipment should be accurately calibrated prior to application of AZTEC 2.1 G. The settings suggested below should be used as starting points to calibrate for 6.7 oz per 1000 row ft. Check and monitor the flow based on the length of row and acreage and adjust settings as necessary for proper calibration.					
APPLICATION EQUIPMENT	SPEED IN MPH				
	4	5	6	7	8
John Deere Max-Emerge 2 (Models 7200 - 7300)	20	25	26	33	38
John Deere Max-Emerge (Models 7000 and 7100) (Odd Notches 5-15-25-35)	12	13	15	17	19
John Deere Max-Emerge (Models 7000 and 7100) (Even Notches 10-20-30-40)	16	19	23	26	29
John Deere 71 Flex Planter (With 3 Range Settings and Dial)	1/31	2/6	2/10	2/14	2/16
John Deere Max-Emerge Plus	19	23	27	33	38
Gandy	21	23	24	27	29
Kinze (old)	11	12	14	16	18
Kinze (new)	16	20	24	28	32
International Harvester (Old)	2/8	2/9	3/1	3/8	3/9
International Harvester (New)	1/6	1/8	2/1	2/4	3/1
White (Series 6100) (Odd Notches 5-15-25-35)	14	16	17	18	20
White (Series 5100)	8	12	14	16	19
Allis Chalmers (78 - 79 Series)	2/8	2/9	3/1	3/8	3/9
Allis Chalmers (385 Series)	10	12	14	16	18
Buffalo (10-20-30-40)	10	12	15	17	19
Buffalo (Fluted Rolled)	All Speeds 5-1/4 Revolution Hexagon Nut				
Nobel - New (Rectangular Opening)	9	11	13	15	17
Nobel - Old (Round Opening)	13	16	19	22	24

STORAGE AND DISPOSAL

Product Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handling and Spillage: Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Do not walk through spilled material. In spill or leak incidents, keep unauthorized people away. Dispose of pesticide as directed in the Pesticide Disposal section. Refer to Precautionary Statements on label for hazards associated with the handling of this material. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Kansas City Emergency Response Telephone No. is 800-414-0244 or contact Chemtrec at 800-424-9300.

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

B-9388a 6/19/00

Bayer Corporation
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Bayer 