

3125-539

06/19/2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

3125-539

JUN 19 2000

Term of Registration:

From: JUN 19 2000

To: July 5, 2001

Name of Pesticide:

Aztec 2.1% G

NOTICE OF PESTICIDE:

 X Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Bayer Corporation
8400 Hawthorn Road, P.O. Box 4913
Kansas City, MO 64120

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. All correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the EPA. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name or use in connection with the registration of a product under this Act is not to be construed as giving the registrant the exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Make the following label changes before you release the product for shipment:

- a. Add the designation, "EPA Reg. No.3125-539".
- b. In the precautionary statements sections, correct the third sentence to read as follows:

Causes moderate eye irritation.
- c. Refer to the enclosed copy of PR Notice 2000-3 for current guidance in regards to the First Aid statements.

Signature of Approving Official:

Date:

JUN 19 2000

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As was described in the conditional registration notices previously issued for your technical and end-use products; EPA Reg. Nos. 3125-411 and 3125-412, the use classification of the product relative to avian species is being deferred at this time pending Agency evaluation.

Results of a preliminary review of the submitted aerobic soil metabolism studies indicate that no additional information relative to the aerobic soil metabolism nor the field dissipation studies is needed at this time. The requirement for a new field dissipation study, however, remains in a reserved status pending finalization of the complete evaluation of the submitted studies.

The term of issuance for conditional registration of this product to July 5, 20001 is consistent with the expiration date of the current registered products containing the active ingredient, tebupirimphos.

This registration is subject to the existing time frames for submittal of the generic data for the active ingredient, cyfluthrin that have been established in connection with your cyfluthrin registrations for products having the same use pattern as the subject product.

Additional conditions and/or label revisions may be needed upon completion of the Agency's reassessment of products containing the active ingredient, tebupirimphos under the Food Quality and Protection Act (FQPA). The Agency's Interim Risk Management Decision Document for the chemical is scheduled to be published in July.

2. Submit two copies of the revised final printed label before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

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

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-dichloroethyl)-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-XXX . . . 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.)

STATEMENTS OF PRACTICAL TREATMENT

Organophosphate

If **swallowed**, call a physician or poison control center. If medical assistance cannot be given immediately, induce vomiting and obtain professional medical assistance as soon as possible. To induce vomiting, administer 1 or 2 glasses of water and stick finger down throat. Repeat until vomitus is clear. Or, if available, administer syrup of ipecac (1/2 oz or 15 mL). If vomiting does not occur within 10 to 20 minutes, administer a second dose of ipecac. Do not attempt to give anything by mouth to or induce vomiting in an unconscious person. If in **eyes**, hold eyelids open and flush with plenty of water for 15 minutes. Call a physician if irritation develops or persists after flushing. If signs of intoxication (poisoning) occur, get medical attention immediately. If on **skin**, remove contaminated clothing. Wash skin immediately with soap and water. Get medical attention if irritation develops or persists. If signs of intoxication (poisoning) occur, get medical attention immediately. If **inhaled** or if a person is overcome by excessive exposures to dust of this material, remove to fresh air or uncontaminated area. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention as soon as possible.

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. In case of poisoning, it is also requested that Bayer Corporation, Agriculture Division, Kansas City, Missouri, be notified. Telephone: 800-414-0244.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Causes 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.
- 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 19 2000
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg.
3125-530

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. Keep out of the reach of children.

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.

RECOMMENDED APPLICATIONS		
CROP	PEST	DOSAGE
FIELD CROPS	Corn rootworm larvae	6.7 Ounces Per 1000 Feet of Row
Field Corn	Northern	
Sweet Corn	Western	
Popcorn	Southern	
Corn grown for seed or silage	Mexican	
	Cutworms	
	Wireworms	
	Seedcorn maggot	
	Seedcorn beetle	
	White grubs	
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.		
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					
<p>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.</p>					
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)	1/3 1	2/6	2/1 0	2/1 4	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.

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