

PM - 14

Reg. # 3125-412

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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:

Date of Issuance:

3125-412

JUL 5 - 1995

Term of Issuance: Conditional

From JUL 5 - 1995

to July 6, 1998

Name of Pesticide Product:

Aztec 2.1 % Granular

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Bayer Corporation
Agriculture Division
8400 Hawthorn Road
P.O. Box 4913
Kansas City, MO 64120-0013

548 3793 10/18

548 2425 10/18

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. In any 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 Agency. 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 in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to 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) (C) provided that you:

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

- Add the phrase: "EPA Reg. No. 3125-412".
- Under the heading, "Personal Protective Equipment", delete the phrase, "(other than mixers and loaders)" so that the sentence reads as follows; "Applicators and other handlers must wear: _ _ _".
- In the third sentence under the heading, "Environmental Hazards", delete the phrase, "For terrestrial uses," so that the sentence reads as follows; "Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."

Signature of Approving Official:

KAG

Date:

JUL 5 - 1995

EPA Form 8570-6

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d. Relocate the sentence, "Do not use on other crops grown for food or forage." which now appears under the heading, "Environmental Hazards" to a more appropriate location such as under the directions for use.

e. Add the following statement which now appears under the heading, "Environmental Hazards" to the "Remarks" column in the "Recommended Applications" table. "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."

2. Submit the data listed below for the active ingredient, 0-[2-(1,1-Dimethylethyl)-5-pyrimidinyl] 0-ethyl 0-(1-methylethyl) phosphorothioate, conducted in accordance with the specified Pesticide Assessment Guidelines Reference No. (GRN) and in conformance with the Good Laboratory Practice rule (40 CFR Part 160) and in conformance with the requirements of PR Notice 86-5 no later than the dates specified below.

a. By April 30, 1997, submit a full material accountability study on the technical material produced by the revised process. If these data show it necessary, (if either qualitative or quantitative differences result), then:

b. By April 30, 1997, submit a new Confidential Statement of Formula (GRNs. 61-1 and 62-1) and Discussion of the Formulation of Impurities (GRN 61-3) for the technical material, and in the event that the material accountability study shows that new impurities result in the technical material:

c. By April 30, 1997, submit new validated formulation enforcement methods for all such impurities (GRN 62-3) and, if needed:

d. By April 30, 1997, submit new GRN series data (physical and chemical properties) for the technical material.

e. By April 30, 1997, submit confirmatory aerobic soil metabolism studies consisting of a soil comparison study and a rate comparison study, and,

f. Within 24 months from date of Agency notification, a new field soil dissipation study (164-1) if additional confirmatory data are warranted as shown by the results of the aerobic soil metabolism studies required in item 2.e. above.

3. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the product is conditionally registered, in accordance with FIFRA sec. 29. The fiscal year begins October 1 and ends September 30. The production information will be submitted to the Agency no later than November 15, following the end of the preceding year.

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This information should be submitted to:
Registration Support Branch
Registration Division (7504C)
Environmental Protection Agency
Washington, D.C. 20460

4. Submit one copy of the revised final printed label for the record.

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.

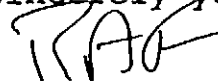
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

The use classification of the product relative to avian species is being deferred at this time pending Agency evaluation.

The requirement for a developmental neurotoxicity study for the active ingredient, 0-[2-(1,1-Dimethylethyl)-5-pyrimidinyl] 0-ethyl 0-(1-methylethyl) phosphorothioate is reserved pending evaluation of the submitted acute and subchronic mammalian neurotoxicity studies.

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

Sincerely yours,



Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (7504C)

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URE-8438.YLD

U.S. LABEL

498
Base Pre-Reg. (8438)

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 5 - 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

Reason to Issue: To add label mitigation
statements and application calibration
table.

Date of Draft: 02/02/95(Pre-Reg)(P)
Supersedes Pre-Reg Drafts Dated: 12/29/93,
05/05/93, 04/20/93, 02/03/89, 5/21/91 and 08/09/91

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% Granular 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 File Symbol No. 3125-URE
EPA Est. 3125-MO-1

NET WEIGHT: ____ POUNDS

STOP - Read the Label Before Use

KEEP OUT OF THE REACH OF CHILDREN

WARNING

AVISO

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto
hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has
been fully explained to you.)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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 (other than mixers and loaders) must wear:

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

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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.

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
- Waterproof gloves
- Shoes plus socks

Notify workers of the application by warning them orally.

IMPORTANT: Read these entire Directions and Conditions of Sale before using AZTEC 2.1% Granular 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. MILES 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 MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

For use only in the states of: Arizona, 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, Wyoming.

RECOMMENDED APPLICATIONS																	
CROP	PEST	DOSAGE	REMARKS														
FIELD CROPS Field Corn Sweet Corn Popcorn Corn grown for seed or silage	Corn rootworm larvae Northern Western Southern Cutworms Wireworms Seedcorn maggot Seedcorn beetle White grubs	6.7 Ounces Per 1000 Feet of Row	<p>BAND - Apply specified dosage at planting as a 7-inch band over the row behind the planter shoe and in front of the press wheel. Granules must be incorporated into the top one inch of soil using tires, chains, or other suitable equipment.</p> <p>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.</p> <p>IN-FURROW - Apply specified dosage at planting directly into the seed furrow behind the planter shoe and in front of the press wheel.</p> <p>A maximum of 7.3 pounds AZTEC 2.1% Granular may be applied per acre per crop season.</p> <table><tr><td>Row Spacing (inches)</td><td>Pounds per Acre</td></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> <p>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.</p> <p>Cover or incorporate spills (including end row spillage).</p>	Row Spacing (inches)	Pounds per Acre	30	7.3	32	6.9	34	6.5	36	6.1	38	5.8	40	5.5
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34	6.5																
36	6.1																
38	5.8																
40	5.5																

EQUIPMENT CALIBRATION

Application equipment should be accurately calibrated prior to application of AZTEC. The settings suggested below should be used as starting points for 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					APPLICATION EQUIPMENT	SPEED IN MPH				
	4	5	6	7	8		4	5	6	7	8
John Deere Max-Emerge 2 (Models 7200 - 7300)	20	25	26	33	38	White (Series 6100) (Odd Notches 5-15-25-35)	14	16	17	18	20
John Deere Max-Emerge (Models 7000 and 7100) (Odd Notches 5-15-25-35)	12	13	15	17	19	Allis Chalmers (78 - 79 Series)	2/8	2/9	3/1	3/8	3/9
John Deere Max-Emerge (Models 7000 and 7100) (Even Notches 10-20-30-40)	16	19	23	26	29	Allis Chalmers (385 Series)	10	12	14	16	18
John Deere 71 Flex Planter (With 3 Range Settings and Dial)	1/31	2/6	2/10	2/14	2/16	Buffalo (10-20-30-40)	10	12	15	17	19
Gandy	21	23	24	27	29	Buffalo (Fluted Rolled)	All Speeds 5-1/4 Revolution Hexagon Nut				
Kinze	11	12	14	16	18	Nobel - New (Rectangular Opening)	9	11	13	15	17
International Harvester (Old)	2/8	2/9	3/1	3/8	3/9	Nobel - Old (Round Opening)	13	16	19	22	24
International Harvester (New)	1/6	1/8	2/1	2/4	3/1						

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 Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary.

The Miles Kansas City Emergency Response Telephone No. is 816-242-2582, 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.

Miles Inc.
Crop Protection Products
Box 4913, Kansas City, MO 64120-0013