
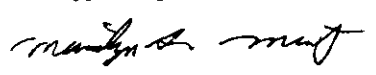


PM04

3125-513

10/22/98 8550471

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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: 3125-513	Date of Issuance: OCT 22 1998
	NOTICE OF PESTICIDE: <u> X </u> Registration <u> </u> Reregistration	Term of Issuance: Conditional From: OCT 22 1998 To: July 5, 1999	
		Name of Pesticide Product: Aztec 4.67% Granular	
Name and Address of Registrant (include ZIP Code): Bayer Corporation 8400 Hawthorn Road, P.O. Box 4913 Kansas City, MO 64120			
<p>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.</p> <p>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.</p> <p>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.</p> <p>This product is conditionally registered in accordance with A sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none">1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.2. Make the following label change before you release the product for shipment: Add the phrase, "EPA Reg. No. 3125-513".			
Signature of Approving Official: 		Date: OCT 22 1998	

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

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.

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, 1) the requirements for a developmental neurotoxicity study and a new field dissipation study are reserved pending evaluation of the submitted acute and subchronic mammalian neurotoxicity studies and the aerobic soil metabolism studies, respectively, and 2) the use classification of the product relative to avian species is being deferred at this time pending Agency evaluation.

The term of issuance for conditional registration of this product to July 5, 1999 coincides with the expiration date of the time-limited tolerances established on July 5, 1995 (60FR 34871 and 60FR 34874) for residues of cyfluthrin and tebupirimphos (O-[2-(1,1-dimethylethyl)-5-pyrimidinyl]O-ethyl-O-(1-methylethyl)phosphorothioate).

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

Sincerely,

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

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XXX-8912.YLD

U.S. LABEL

Base Pre-Reg (8912)

ACCEPTED
with COMMENTS
in EPA Letter Date:

Reason to Issue: To introduce new formulation.

Date of Pre-Reg Draft: 10/17/97 (K)

OCT 22 1998

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

3125-513

Aztec 4.67% G

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® 4.67% Granular Insecticide for use in SmartBox® system only

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	4.45%
Cyfluthrin, Cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethyl)-2,2-dimethylcyclopropanecarboxylate	0.22%
INERT INGREDIENTS:	95.33%
	100.0%

EPA Reg. No. 3125-XXX

Net Weight: 50 Pounds

STOP - Read Label Before Use
KEEP OUT OF REACH OF CHILDREN

AVISO

WARNING

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.)

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)(4-5)]. 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.

USER SAFETY RECOMMENDATIONS continued

- 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.

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.

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

AGRICULTURAL USE REQUIREMENTS continued

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 4.67 G is 0 hours.

Notify workers of the application by warning them orally.

IMPORTANT: Read the entire directions for use, maintenance sections for the SMARTBOX™ System and these entire Directions and Conditions of Sale for AZTEC 4.67% G prior to use.

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 4.67 G. All other crops may be planted 30 days after application.

AZTEC 4.67 G is not systemic and will not interact with corn herbicides. It will not affect seed germination or crop emergence when applied in-furrow.

RECOMMENDED APPLICATIONS																	
CROP	PEST	DOSAGE	REMARKS														
FIELD CROPS Field Corn Sweet Corn Popcorn Corn grown for seed or silage	Corn rootworm larvae	3.0 Ounces Per 1000 Feet of Row	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.														
	Northern		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 3.27 pounds AZTEC 4.67% Granular may be applied per acre per crop season. <table><tr><td>Row Spacing (inches)</td><td>Pounds per Acre</td></tr><tr><td>30</td><td>3.27</td></tr><tr><td>32</td><td>3.06</td></tr><tr><td>34</td><td>2.89</td></tr><tr><td>36</td><td>2.72</td></tr><tr><td>38</td><td>2.58</td></tr><tr><td>40</td><td>2.45</td></tr></table> OPTIMUM CONTROL - Optimum control of cutworm is achieved when AZTEC 4.67 G is applied as a Band or T-Band. Optimum control of wireworms, seedcorn maggot, seedcorn beetle and white grubs is achieved when AZTEC 4.67 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 4.67 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).	Row Spacing (inches)	Pounds per Acre	30	3.27	32	3.06	34	2.89	36	2.72	38	2.58	40	2.45
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	40			2.45													
	Western																
Southern																	
Cutworms																	
Wireworms																	
Seedcorn maggot																	
Seedcorn beetle																	
White grubs																	

SmartBox INFORMATION: AZTEC 4.67 G must be applied with the SmartBox system. Refer to the SmartBox equipment

and use manual for information on system operation and calibration.

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STORAGE AND DISPOSAL

Product Storage: Do not attempt to remove excess material from SmartBox containers or base containers. 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: AZTEC 4.67 G in the SmartBox is a completely closed application system. 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: Do not discard SmartBox container. Refer to instructions provided for container return.