

PM-04

Reg # 10182-369

2/21/97

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
10182-369

Date of Issuance:  
2-21-97

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance: Conditional  
Expires February 21, 2000

Name of Pesticide Product:  
Pirimicarb Technical

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Saundra M. O'Bryan  
Zeneca Ag Products  
1800 Concord Pike  
P.O. Box 15458  
Wilmington, DE 19850-5458

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.

The Agency is conditionally registering the above referenced product under the authority of Section 3(c)(7)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended. This allows a 3-year time limited registration on alfalfa grown for seed in the states of Idaho, Nevada, Oregon, and Washington which will expire automatically on February 21, 2000 unless the conditions described below are met.

1. To support the use of pirimicarb on alfalfa grown for seed in the states of Idaho, Nevada, Oregon, and Washington you must submit the following studies by June 30, 1998:

- 1) Acute Neurotoxicity Study (rodent: 81-8SS),
- 2) Subchronic 90-day Feeding Study (rodent: 82-1(a))
- 3) Avian Reproduction Studies (2) (71-4).

Signature of Approving Official:

Date:

FEB 21 1997

2. In order to assure that the use of pirimicarb will not be expanded beyond the terms of this limited conditional registration, you must comply with the following conditions agreed upon in your letter dated January 31, 1997:

- a) Limit production of pirimicarb technical to no more than 30,000 pounds annually for each of the next 3 years (a total of 90,000 pound of active ingredient over a 3 year period). This corresponds to 60,000 pounds of end-use product (Pirimor® 50-DF) per year (or 180,000 pounds over the 3 year period); and
- b) Submit an annual report of production, sales, and usage of the active ingredient pirimicarb by November 1st of each year. The production cap will be reconsidered at the end of the 3 year period. It may be renewed or could be dropped depending on the results of the studies that are to be submitted.

3. Make the following changes to your label:

- a) Revise the EPA Registration Number to read, "EPA Reg. No. 10182-369".

4. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

5. Submit two copies of the revised final printed label for the record.

The Agency is aware that the states of Montana and Wyoming are currently working on regulations in their states which would ensure that no part of crops grown for seed will be diverted into the food chain. They expect final rules to be in place in time for the 1997 use season. The use of pirimicarb on alfalfa grown for seed in the states of Montana and Wyoming has been reviewed by the Agency and concluded to not pose significant additional risk. However, these states will not be included in this registration until these regulations have become finalized. Registration Division will review supplemental labeling submitted by Zeneca, Inc. for each state upon receipt and acceptance of the final rules.

You should note that if you fail to satisfy any of the conditions imposed on this registration, e.g., you fail to submit the required data or the data submitted were not generated in accordance with the applicable Agency guidelines and/or approved Agency protocols, EPA may issue a Notice to cancel this registration under Section 6(e) of FIFRA.

The Agency will not renew or extend this registration, and/or issue 24(c) registrations or a full registration under Section 3 of FIFRA (except as listed above for the states of Montana and Wyoming), until the additional data have been submitted, reviewed and found acceptable.

The following information is given to you as a guide in the event that you wish to pursue registration for additional uses of pirimicarb.

### SUMMARY OF DATA GAPS REQUIRED FOR ANY ADDITIONAL USE OF PIRIMICARB

#### Residue Chemistry

No data are required for a non-food use. A full complement of residue chemistry data will be required for any future food use registration requests for pirimicarb.

#### Toxicology

##### **Non-Food uses:**

- 1) Acute Neurotoxicity Study (rodent: 81-8SS)
- 2) Subchronic 90-day Feeding Study (rodent: 82-1(a)).

##### **Food uses:**

- 1) Chronic Feeding Study (rodent: (83-1(a))
- 2) Oncogenicity (rats: (83-2(a))
- 3) Oncogenicity (mice: (83-2(b))
- 4) General Metabolism Study (85-1)

#### Occupational/Residential

No data are required for the non-food use. Requirements for future Section 3 registrations will be determined on a case-by-case basis.

#### Environmental Fate

- 1) Hydrolysis (161-1)
- 2) Photolysis in Water (161-2)
- 3) Photolysis on Soil (161-3)
- 4) Anaerobic Soil Metabolism (162-2)
- 5) Mobility - Leaching and Adsorption/Desorption for the degradate Compounds III, V, and VI (163-1)

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6) Terrestrial Field Dissipation (164-1)

Ecological Effects

- 1) Avian Reproduction Studies (2) (71-4)
- 2) Additional data based on use pattern.

Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.  
Product Manager (19)  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure

**PIRIMICARB TECHNICAL**

An Insecticide for Formulating Use Only

|  |        |
|--|--------|
| <b>ACTIVE INGREDIENT:</b>  |        |
| 2-(Dimethylamino)-5,6-dimethyl-4-pyrimidinylidimethylcarbamate ..... | 97.0%  |
| <b>INERT INGREDIENTS:</b> .....                                      | 3.0%   |
| <b>TOTAL</b> .....   | 100.0% |

EPA Reg. No. 10182-  
EPA Est. No.

Net Contents:

**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 SIDE PANEL FOR STATEMENT OF PRACTICAL TREATMENT  
AND PRECAUTIONARY STATEMENTS**

Made in the United Kingdom  
ZENECA Agrochemicals  
Plant Protection Division  
Yaiding  
Kent ME 18 6HN  
ENGLAND

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

**FEB 21 1997**

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

10182-369

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PIRIMICARB Technical  
PIRTECH.RSC - 1/15/97

### STATEMENT OF PRACTICAL TREATMENT

**FIRST AID:** If swallowed, drink 1 or 2 glasses of water and induce vomiting by touching back of the throat with finger or blunt object. Repeat until vomit is clear. Have person lie down and keep quiet. Call a physician. Never give anything by mouth to an unconscious person.

**INFORMATION FOR PHYSICIAN** --Prolonged exposure may cause cholinesterase inhibition. Atropine is antidotal.

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**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL 1-800-F-A-S-T-M-E-D (327-8633)**

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

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### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### WARNING

MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. CAUSES EYE IRRITATION. DO NOT GET IN EYES, ON SKIN OR CLOTHING. WASH THOROUGHLY AFTER HANDLING.

##### ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Formulators using this product are responsible for obtaining EPA registration for their formulated products.

**THIS PRODUCT IS RESTRICTED TO FORMULATION INTO END-USE PRODUCTS LABELED EXCLUSIVELY FOR TERRESTRIAL, NON-DOMESTIC, NON-FOOD USE ON ALFALFA GROWN FOR SEED IN THE STATES OF WASHINGTON, IDAHO, NEVADA, AND OREGON ONLY.**

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### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**STORAGE:** Store in original container only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, sweep up and remove to chemical waste area.

**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 rise (or equivalent); then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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**CONDITIONS OF SALE  
AND LIMITATION OF WARRANTY AND LIABILITY**

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**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.

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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 ZENECA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENECA, and Buyer and User assume the risk of any such use. ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.