

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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pm 17  
20954-104331 / 134537  
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Ms. A. M. Breaux  
Zoecon Corporation  
975 California Avenue  
Palo Alto, CA 94304

Dear Ms. Breaux:

Subject: Diacon Insect Growth Regulator  
EPA Registration No. 20954-104  
Your Resubmission Dated October 31, 1984

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable since you have agreed to:

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.

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.

Sincerely yours,

Timothy A. Gardner  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

RD: JOB-51447: A. Heyward: RD-46: Kim: Kendrick: 898-1270: 11/16/84: Del. 12/27/84

CONCURRENCES							
FILE NO.	TS-767						
NAME	A. Heyward						
DATE	11.19.84						

EPA Form 1320-1 (4-81)

OFFICIAL FILE COPY

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**ADDITIONAL  
with COMMENTS  
to EPA Letter D-2084**

NOV 20 1984

On the above referenced pesticide,  
Fenitrothion, and its use in the act  
is intended for use in the state  
of California under EPA Reg. No.  
20954-104

#### INTRODUCTION

Methoprene, the active ingredient in DIACON, unlike traditional pesticides, does not result in immediate insect kill, instead it interferes with the normal process of insect development. DIACON, when used according to label directions, will control the following insects by preventing the emergence of adults: Almond moth (*Ephesia cautella*), Indian meal moth (*Plodia interpunctella*), Cigarette beetle (*Lasioderma serricorne*), Lesser grain beetle (*Rhyzopertha dominica*), Sawtooth grain beetle (*Oryzaephilus surinamensis*), Merchant grain beetle (*Oryzaephilus mercator*), Red flour beetle (*Tribolium castaneum*), Confused flour beetle (*Tribolium confusum*).

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS CAUTION

Harmful if absorbed through skin. Avoid breathing spray mist. Avoid contact with skin and eyes. In cases of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists.

#### STORAGE AND DISPOSAL

Store in a cool place. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide, spray mixture, or rinse water that cannot be used according to label must be disposed of according to applicable Federal, state or local procedures.

Triple rinse container and offer for recycling, reconditioning, or puncture and dispose of in sanitary landfill or by other approved state and local procedures.

**DIACON™**

#### INSECT GROWTH REGULATOR

#### FOR STORED PRODUCT PESTS IN PEANUTS AND BIRDSEED

#### ACTIVE INGREDIENTS:

Methoprene (Isopropyl (E,E) 11-methoxy 3,7,11-trimethyl 2,4-dodecadienoate)	65.7%
Xylene Range Aromatic Solvents	20.4%
INERT INGREDIENTS	13.9%
<b>TOTAL</b>	<b>100.0%</b>

This product contains 5 lb/gallon (600 grains/liter) methoprene active ingredient.

EPA Reg. No. 20954-104

U.S. Patents 3,904,687 & 3,912,815

EPA Reg. No. 20954-CA-1

#### KEEP OUT OF REACH OF CHILDREN CAUTION

See side panel for additional precautionary statements

**Zoecon**

ZOECON CORPORATION, Agricultural Chemicals Division, Palo Alto, California 94304

Net Contents: 1.25L (42.3 fl. oz.)

DIACON  
It is a violation of Federal  
Inconsistent with its label

#### METHOD, RATE,

Apply DIACON at  
(7.6 fl. oz.) of  
water for each 1  
to be treated.

Homogenous  
Use spray equipm  
treatments unif  
transferred into  
nozzle selection  
nozzles to adjust  
processing rate  
spray drift by c  
shielding spray

#### MIXING AND

Add the measured  
partially filled with v  
recommended qua  
Use diluted sprai  
Agitate before each

#### WARRANTY

Zoecon Corporation  
the chemical descri  
control of stored pr  
Zoecon nor the sell  
implied

Product Code 1109 0410  
01 1100 011001