

105  
PM 15

Reg. # 4. 1-351

MAR 28 1985

300 / 141337  
17 / 3

Gene Currie  
Imperial, Inc.  
P.O. Box 423  
Shenandoah, IA 51601

Dear Mr. Currie:

Subject: Amendment - Updated Label  
Diazinon Ag 4EC  
EPA Registration No. 407-351  
Your Application Dated October 9, 1984

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. The pesticide disposal text is incorrect for this product. The correct recommendation is

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.

2. You have not fully complied with all required text for farmworker safety as stipulated in PR Notice 83-2. Specifically add items 6 and 7 of page 4 of that notice to the label.
3. Make the following additions to the statement of practical treatment.
  - a. Add "If possible, vomiting should be induced under medical supervision."

CONCURRENCES

SYMBOL							
SURNAME	J. Farshley						
DATE	3/12/85						

b. Add the following to the end of the statement of practical treatment.

Note to Physician - Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally. If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-Pam is also antidotal and may be administered in conjunction with atropine.

4. Revise the bee precaution to read:

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

5. Also in the environmental hazards delete "or where runoff is likely to occur" and "Keep out of lakes, streams, or ponds" and substitute "~~Keep out of any body of water.~~" *Do not apply directly to water*

Submit five (5) copies of your revised final printed labeling before you release the product for shipment with the amended labeling.

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

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

Printed Manual  
10/8/84

IMPERIAL

ACCEPTED  
with COMMENTS  
in EPA Reg. No. Dated:

MAY 15 1985

DIAZINON<sup>®</sup> AG 4EC

FOR THE CONTROL OF INSECT PESTS  
OF AGRICULTURAL CROPS

Under the Insecticide,  
Fungicide and Rodenticide Act  
as amended, this pesticide  
is registered under EPA Reg. No.  
407-351

ACTIVE INGREDIENTS:

0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate . . . . .	48.00%
Aromatic Petroleum Distillate . . . . .	38.96%
INERT INGREDIENTS: . . . . .	13.04%
Total . . . . .	<u>100.00%</u>

Contains 4 lbs. Diazinon per gallon  
Diazinon<sup>®</sup> Trademark Ciba-Geigy Corp.

KEEP OUT OF REACH OF CHILDREN

3

AVISO -- WARNING

4 PRECAUTION AL USUARIO: Si used no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED - Call a physician immediately. DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE. If it is necessary to induce vomiting give victim one or two glasses of water and insert finger in back of throat. Repeat until fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED - Remove victim to fresh air and apply respiration if indicated.

IF ON SKIN - Wash promptly with soap and water.

IF IN EYES - Rinse eyes for at least 15 minutes with water and call a physician immediately.

SEE OTHER WARNINGS ON SIDE PANEL

EPA Reg. No. 407-351  
LPA EST. 407-1A-1

674-84-1

NET CONTENTS \_\_\_\_\_

Manufactured By  
IMPERIAL INC.  
Shenandoah, Iowa 51601

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Avoid contamination of food or feed. Do not allow children or pets on treated areas until spray has dried.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated or where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of waste.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Agriculture Extension Service. Apply this product only as specified on this label.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

#### DIRECTIONS FOR USE

② It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

① Do not apply this product in such a manner as to directly or through drift, expose workers or other persons. The area being treated must be vacated by unprotected persons.

① Do not enter treated areas without protective clothing until sprays have dried.

#### STORAGE AND DISPOSAL

STORAGE: Store in a secure area, in original container only, away from fertilizers, food or feed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.

CONTAINER DISPOSAL: Triple rinse (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.

#### FIELD AND FORAGE INSECT CONTROL

Alfalfa, Clover: Spotted Alfalfa Aphid, Yellow Clover Aphid, Pea Aphid, Leafhopper, Plant Bug Nymphs, Mites; Apply 3/4 to 1 pint per acre in sufficient water for thorough coverage. Apply when insects first appear and repeat as necessary.

Grasshoppers; Apply 1 pint per acre using method and timing as for insects listed above. Dairy and beef cattle and sheep may be grazed immediately after application, may be fed green alfalfa or clover immediately following cutting or may be fed hay provided alfalfa or clover is not cut for hay 7 days following treatment.

Alfalfa Weevil Larvae; Apply 1 to 1½ quarts in sufficient water to give thorough coverage. Apply in spring when feeding damage to growing tips is evident. Repeat if necessary. If damage is extensive cut hay and apply to stubble. Do not graze dairy or beef cattle or sheep for two days. Do not cut for hay for 10 days. Do not treat in bloom. Remove stock during application.

Corn (Field and Sweet): Corn rootworm larvae; Planting time apply 2½-5 fluid oz. in seed furrow in 4-7 inch band directly behind planter shoe in a minimum of 5 gallons water per acre. Post-emergence basal treatment. Apply 1½-2½ fluid oz. per 1,000 linear feet in sufficient water to wet base of corn plant and narrow band of soil next to plant. Cover treated area with 2-3 inches of soil immediately after spraying. Apply at first sign of larvae.

Cutworms (surface and subsurface); Apply 2-4 quarts per acre just before planting working into soil 1-2 inches for surface cutworms, and 3-6 inches for subsurface types immediately.

Wire worms; Apply 3-4 quarts per acre just before planting and work into soil 4-8 inches immediately.

Corn Root Worm Adults; Apply 1-2 pints per acre in sufficient water. Repeat as necessary.

Grasshoppers; Apply 1 pint per acre in sufficient water. Corn can be harvested immediately following last application. Do not feed treated forage to dairy or beef cattle or sheep within 10 days following foliar or over-the-corn applications exceeding 1½ quarts of this product per acre.

Cotton: Spider Mites, Aphids, Leafhoppers, Lygus Bugs, Cotton Leaf Worms, Cotton Leaf Perforators; Apply 1-2 pints per acre in 5-25 gallons of water. Repeat as necessary.

Sorgham: Greenbugs; Apply ½ to 1 pint (Texas and Oklahoma) 1 pint (other areas) per acre in minimum of 10 gallons water for ground application and 2 gallons by air when infestation first appears and repeat as necessary.

Sorgham Midge; Apply ½ to 1 pint per acre when 90% of the heads have emerged from boot. Repeat within 4 days. Do not apply within 7 days of grain harvest. Crop may be fed to livestock immediately.

Range land, pasture, grass forage, ditch banks, roadsides, noncrop land and barrier strips: Grasshoppers; Apply ¾ to 1 pint per acre in sufficient water or oil for thorough coverage when insects first appear, preferably in the nymph stage. Do not repeat for 30 days. Dairy or beef cattle or sheep may be grazed immediately following application, may be fed green forage immediately following cutting, and may be fed hay providing grass is not cut for 21 days using water or 30 days using oil. Do not spray on animals.

#### NOTICE

Seller makes no warranty of MERCHANTABILITY OR FITNESS FOR ANY PURPOSE express or implied, concerning this product or its uses extending beyond the use of the product under normal conditions in accordance with the statement made on this label.