



Dyfonate II

10-G

granular insecticide

**Low-Dust
Formulation**

**...soil insecticide for pest control in a
variety of crops**

Active ingredient:	
O-Ethyl S-phenyl ethylphosphonodithioate*	10.0%
Inert ingredients	90.0%
Contains 10 pounds active ingredient per 100 pounds	100.0%

DYFONATE

ACCEPTED
FEB 14
10182-180

Keep Out of Reach of Children

WARNING AVISO

PRECAUCION AL USUARIO:
Si usado no sea ingerido, no use este producto
hasta que le indiquen lo haye sido aplicado
apropiadamente.

Statement of Practical Treatment FOR PESTICIDE EMERGENCY

CALL A PHYSICIAN IMMEDIATELY. If a victim appears unconscious or if poisoning is suspected, do not wait for symptoms to develop. Immediately start the procedure given below and simultaneously contact a Poison Center, physician or the nearest hospital.

Note: Be sure to advise the person contacted that the compound is a cholinesterase inhibitor. Describe the type of exposure, the victim's symptoms, and follow the advice given.

POISON SYMPTOMS: DYFONATE is a highly toxic cholinesterase inhibitor. Symptoms of poisoning include headache, blurred vision, weakness, nausea, diarrhea, in the chest, abdominal cramps, vomiting, diarrhea, sweating and pinpoint pupils.

**ALWAYS CALL A PHYSICIAN IN CASE OF SUSPECTED POISONING.
ATROPINE BY INJECTION IS ANTIDOTAL.**

If swallowed, immediately give several glasses of water and induce vomiting by placing a finger in the back of the victim's tongue. Give fluids until vomiting is clear. Do not induce vomiting if great difficulty in breathing is occurring.

For skin contact, wash with large amounts of running water for 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Soap washing before re-use.

For eye contact, immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention immediately.

If inhaled, remove to fresh air. If not breathing, start victim's breath and start mouth-to-mouth artificial respiration.

If breathing is difficult, give oxygen. Consult with a physician for advice. Get medical attention immediately.

INFORMATION FOR MEDICAL PERSONNEL

Initial treatment includes removal of clothing, repositioning of a patient's airway, and if necessary artificial respiration. When evidence is observed, contact a physician immediately and may be administered in large therapeutic doses, as necessary to the point of toxicity. If symptoms require further treatment, 2 mgm (Purpura) Chloride, may be given orally as indicated therapy. Never use neoprene. Continued absorption of the poison may occur, resulting in late response after initial improvement. Very close supervision of the patient is indicated for at least 48 to 72 hours.

Do not re-enter or store Dyfonate II 10-G with food or feed intended for human or animal consumption.

IN CASE OF SPILL: ISOLATE the spill. HOLD the package after cleanup and remove immediately. TELEPHONE 24-hour service for help. Agency authorized 800-431-6333.

For 24-hour emergency medical assistance call ICI Advanced Medical Emergency Information Center 800-387-8833 or CHEMTREC 800-424-9303.

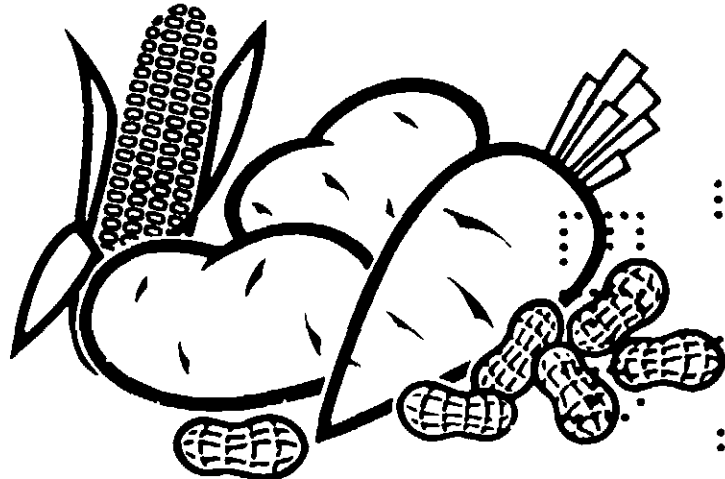
For other product information contact your local ICI Associate Inc. Distributor or see Material Safety Data Sheet.

READ ALL LABEL DIRECTIONS BEFORE USING

**Keep Out
of Reach
of Children**

WARNING

**May Be Fatal
If Swallowed**



See Back Panel
For Additional
Precautionary Statements

EPA Reg. No. 10182-180
EPA Est. 10162-400-1

50 LB. NET WT. 22.7 kg

A-108P



Dyfonate II 10-G

granular insecticide

Precautionary Statements

Hazards to humans and domestic animals

WARNING

MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. RAPIDLY ABSORBED THROUGH THE SKIN. DO NOT GET IN THE EYES, ON SKIN OR ON CLOTHING. AVOID BREATHING OF DUST.

Wear rubber gloves, shoes, protective clothing and goggles when handling or applying.

Wash hands, arms, and face thoroughly with soap and water after handling and before eating or smoking. Routinely shower or bathe after work and wash all clothing with soap and hot water before reusing. In case of contact, immediately remove contaminated clothing and wash thoroughly with soap and water.

Do not transport or store DYFONATE II 10-G with any food or feed intended for human or animal consumption. Not for use or storage in or around the home.

Environmental Hazards

This pesticide is toxic to fish and wildlife. Birds feeding in treated areas may be killed. Remove or cover granules if spills occur. Runoff from treated areas may be hazardous to fish in neighboring areas. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of waste. For guidance contact your regional office of the EPA. Apply this product only as specified on the label.

General Precautions

- Read all label directions before using.
- Do not apply on any crop or in any manner not specified on the label.
- Do not rotate with carrots.

Directions For Use

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

Reentry Statements

- Do not enter treated areas for 24 hours after application unless appropriate protective clothing is worn.
- Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.
- 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.
- Do not apply or allow to drift to areas occupied by beneficial animals or onto adjoining food fiber or pasture crops. Do not contaminate food or feed.
- Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers.

When oral warnings are given warnings shall be given in a language customarily understood by workers and must indicate the specific period of time that treated areas may not be entered without protective clothing. Oral warnings must also include appropriate first aid instructions in case of accidental exposure. These instructions are given in the STATEMENT OF PRACTICAL TREATMENT at the beginning of this label.

Written warnings must include the following information: "WARNING: Area treated with DYFONATE II Agricultural Insecticide on (date of application). Do not enter treated areas for 24 hours after application unless appropriate protective clothing is worn for other reentry interval if your state has a more restrictive interval for this product. If accidental exposure occurs, follow the instructions below." Written warnings must include the STATEMENT OF PRACTICAL TREATMENT (given at the beginning of this label).

Place
Complete Directions For Use
Pamphlet
Here

Storage and Disposal

PRECAUTIONS: Do not contaminate water, food or feed by storage or disposal. Transfer and storage is prohibited.

STORAGE: Do not transport or store with any food or feed intended for human or animal consumption. Not for use or storage in or around the home.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on land or in water as 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.

NOTICE TO BUYER AND USER: Seller warrants that the product conforms to the numerical description on the label and is substantially fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of the product or to any other instructions or under abnormal use conditions, or under conditions or seasons, practices in State and Buyer and User require the use of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR MERCHANTABILITY, WHICH SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES OR PROFITS. DAMAGE'S RESULTING FROM THE USE OF THE BUYER'S AND USER'S NEGLIGENCE SHALL BE THE BUYER'S AND USER'S RESPONSIBILITY. SELLER'S REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

Made in U.S.A. by

Agricultural Products

DE 8 69

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Incorporated in Delaware

Printed in U.S.A.

Recommendations

CROPS	APPLICATION METHOD	PESTS CONTROLLED	RATES OF DYFONATE® 10-G	REMARKS	APPLICATION DIRECTIONS
TOBACCO	Prior to bedding	Wireworms	Broadcast 10 to 20 pounds per acre		Broadcast Apply DYFONATE® 10-G prior to bedding and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment
TOMATOES	Prior to planting	Nymphs and adults	Broadcast 10 to 20 pounds per acre	Herbicide resistance may occur in some areas for certain strains	Broadcast Apply DYFONATE® 10-G prior to planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment

NOTE: For all crops where APPLICABLE, THE I.C.I. Prior to planting results are best when applications are made as early as possible to planting.

Dyfonate II 10-G

granular insecticide

...soil insecticide for pest control in a variety of crops

READ ALL LABEL DIRECTIONS BEFORE USING

General precautions

- Read all directions before using.
- Do not apply to any crop in any manner not specified on this label.
- Do not mix with any other insecticide.

Directions for use

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

Reentry Statements

- Do not enter treated areas for 24 hours after application unless appropriate protective clothing is worn.
- Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.
- 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.
- Do not apply or allow to drift to areas occupied by beneficial animals or onto adjoining land, field or pasture crops. Do not contaminate food or feed.
- Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers.

When oral warnings are given, warnings shall be given in a language customarily understood by the workers and must indicate the specific period of time that treated areas may not be entered without protective clothing. Oral warnings must also include appropriate first aid instructions in case of accidental exposure. These instructions are given in the STATEMENT OF PRACTICAL TREATMENT at the beginning of this label.

Written warnings must include the following information: WARNING: Area treated with DYFONATE II 10-G Granular Insecticide on (date of application) will not be entered for 24 hours after application unless appropriate protective clothing is worn or other reentry intervals if your state has a more restrictive interval for this product. If accidental exposure occurs, follow the instructions below. Written warnings must include the STATEMENT OF PRACTICAL TREATMENT given at the beginning of this label.

REGISTERED IN U.S.A.
MADE IN U.S.A.

Gauge calibration

NOTE: These amounts of DYFONATE II 10-G are for use with standard equipment.

Equipment Application Rates

- Granular Insecticide
- 1000 lbs./acre
- 20 20 20 40
- 200 lbs./acre
- 5 20 20 40
- 1000 lbs./acre
- 5 20 20 40
- 1000 lbs./acre
- 5 20 20 40
- 1000 lbs./acre
- 5 20 20 40

Amount of Dyfonate II 10-G

- 1000 lbs./acre
- 20 20 20 40
- 200 lbs./acre
- 5 20 20 40
- 1000 lbs./acre
- 5 20 20 40
- 1000 lbs./acre
- 5 20 20 40



Ag...

Recommendations

CROPS	APPLICATION METHOD	PESTS CONTROLLED	RATES OF DIFONATE® II 10-G	REMARKS	APPLICATION DIRECTIONS
ASPARAGUS	Up to 30 days prior to harvest	Symphyans	Broadcast 30 to 40 pounds per acre	Not recommended in Florida only. Reduce the rate for sandy soils for band treatments.	Broadcast Apply DIFONATE® II 10-G and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment. Do not apply within 30 days of harvest.
BEANS, GREEN & DRY	Prior to planting	Symphyans Wireworms Seed Corn Maggot	Broadcast 20 pounds per acre Broadcast 40 pounds per acre Broadcast 20 to 40 pounds per acre	For symphyan control, reduce the rate proportionately for band treatments. For wireworm control, use only in corn fields where the soil is not too heavy. Do not apply in sandy soils.	Broadcast Apply DIFONATE® II 10-G prior to planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.
BEANS, LIMA	Prior to planting	Symphyans	Broadcast 20 pounds per acre	Not recommended in Florida only. Do not apply in sandy soils.	Broadcast Apply DIFONATE® II 10-G prior to planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.
COLE CROPS (BROCCOLI, BRUSSELS SPROUTS, CABBAGE AND CAULIFLOWER)	Prior to planting or at planting	Symphyans	Broadcast 20 pounds per acre	Not recommended in Florida only. Do not apply in sandy soils.	Broadcast Apply DIFONATE® II 10-G prior to planting or at time of seeding or transplanting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.
CORN-FIELD (Dark seed green stage) SWEET POPCORN	Prior to planting or at planting	Northern Southern and Western Corn Rootworm Suppression of Wireworms Suppression of White Grubs Lesser Cornstalk Borer Symphyans Maye (Midbug)	Band 20 to 22 lb per 1000 linear feet Broadcast 40 pounds per acre Broadcast 20 pounds per acre Band 20 to 22 lb per 1000 linear feet Broadcast 20 pounds per acre Broadcast 40 pounds per acre	May be used on corn for a maximum of 10 days after planting. Do not apply in sandy soils. Do not apply in corn fields where the soil is not too heavy. Do not apply in sandy soils. Do not apply in corn fields where the soil is not too heavy. Do not apply in sandy soils.	Band Apply DIFONATE® II 10-G in a 7 inch wide band using a row bander or directly behind the seed furrow opener and in front of the press wheels, or in a 7 inch wide band directly behind the press wheels, using a row bander or spring chisel. Do not apply under windy conditions. The use of windbreaks is recommended for prevention of drift. Some granules can fall into the open furrow without causing harm to the seed. However, in band treatments, granules do not make a furrow. Applications of DIFONATE® II 10-G should be made in a 7 inch wide band. Broadcast Apply DIFONATE® II 10-G prior to planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.
	At harvest	Northern Southern and Western Corn Rootworm	Band 20 to 22 lb per 1000 linear feet	Apply DIFONATE® II 10-G in a 7 inch wide band using a row bander or directly behind the seed furrow opener and in front of the press wheels, or in a 7 inch wide band directly behind the press wheels, using a row bander or spring chisel. Do not apply under windy conditions. The use of windbreaks is recommended for prevention of drift.	Band Apply DIFONATE® II 10-G in a 7 inch wide band using a row bander or directly behind the seed furrow opener and in front of the press wheels, or in a 7 inch wide band directly behind the press wheels, using a row bander or spring chisel. Do not apply under windy conditions. The use of windbreaks is recommended for prevention of drift.
	Use the Water	Lesser Cornstalk Borer Symphyans Maye (Midbug)	Band 20 to 22 lb per 1000 linear feet Broadcast 20 pounds per acre Broadcast 40 pounds per acre	Do not apply in sandy soils. Do not apply in corn fields where the soil is not too heavy. Do not apply in sandy soils.	Band Apply DIFONATE® II 10-G in a 7 inch wide band using a row bander or directly behind the seed furrow opener and in front of the press wheels, or in a 7 inch wide band directly behind the press wheels, using a row bander or spring chisel. Do not apply under windy conditions. The use of windbreaks is recommended for prevention of drift.
SWEET CORN (Green or Muck Boils)	At Planting	Wireworms	Band 20 to 22 lb per 1000 linear feet	Do not apply in sandy soils. Do not apply in corn fields where the soil is not too heavy. Do not apply in sandy soils.	Band Apply DIFONATE® II 10-G in a 7 inch wide band using a row bander or directly behind the seed furrow opener and in front of the press wheels, or in a 7 inch wide band directly behind the press wheels, using a row bander or spring chisel. Do not apply under windy conditions. The use of windbreaks is recommended for prevention of drift.
ONIONS BULB	At Planting	Wire Maggot	Band 20 to 22 lb per 1000 linear feet	Do not apply in sandy soils. Do not apply in corn fields where the soil is not too heavy. Do not apply in sandy soils.	Band Apply DIFONATE® II 10-G in a 7 inch wide band using a row bander or directly behind the seed furrow opener and in front of the press wheels, or in a 7 inch wide band directly behind the press wheels, using a row bander or spring chisel. Do not apply under windy conditions. The use of windbreaks is recommended for prevention of drift.
PEANUTS (South western U.S.)	At planting or up to 30 days after planting	Northern Southern and Western Corn Rootworm Lesser Cornstalk Borer Symphyans	Band 20 to 22 lb per 1000 linear feet Band 20 to 22 lb per 1000 linear feet Broadcast 20 pounds per acre	Not recommended in Florida only. Do not apply in sandy soils. Do not apply in corn fields where the soil is not too heavy. Do not apply in sandy soils.	Band Apply DIFONATE® II 10-G in a 7 inch wide band using a row bander or directly behind the seed furrow opener and in front of the press wheels, or in a 7 inch wide band directly behind the press wheels, using a row bander or spring chisel. Do not apply under windy conditions. The use of windbreaks is recommended for prevention of drift.

Recommendations

CROPS	APPLICATION METHOD	PESTS CONTROLLED	RATES OF DIFONATE® II 10-G	REMARKS	APPLICATION DIRECTIONS
PEANUTS (South western U.S.)	At planting or up to 30 days after planting	Southern Corn Rootworm Lesser Cornstalk Borer Burrowing Bug	Band 22 to 24 lb per 1000 linear feet Band 9 to 13 lb per 1000 linear feet Band 11 to 22 lb per 1000 linear feet		Band Apply DIFONATE® II 10-G in a 7 inch wide band. Band Apply DIFONATE® II 10-G in a 14 inch wide band. Band Apply DIFONATE® II 10-G in a 18 inch wide band.
POTATOES (IRISH)	Prior to planting or at planting	Wireworms Symphyans	Subsurface Bands 20 to 22 lb per 1000 linear feet Broadcast 40 pounds per acre	The use of subsurface bands is recommended in the Pacific Northwest only. This application will control light to moderate infestations of wireworms. Use the 40 pound per acre broadcast application for heavy infestations of wireworms.	Subsurface Bands Apply DIFONATE® II 10-G in subsurface bands 3 to 4 inches on both sides of and 2 inches below the seed pieces. Broadcast Apply DIFONATE® II 10-G prior to or at time of planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.
RADISH	Prior to planting or at planting	Cabbage Maggot Symphyans	Broadcast 20 pounds per acre	For symphyan control, reduce the rate proportionately for band treatments.	Broadcast Apply DIFONATE® II 10-G prior to or at time of planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.
SORGHUM (MO)	At Planting	Northern Southern and Western Corn Rootworm Lesser Cornstalk Borer	Band 12 to 14 lb per 1000 linear feet		Band Apply DIFONATE® II 10-G in a 7 inch wide band using a row bander or directly behind the seed furrow opener and in front of the press wheels, or in a 7 inch wide band directly behind the press wheels, using a row bander or spring chisel. Do not apply under windy conditions. The use of windbreaks is recommended for prevention of drift. Some granules can fall into the open furrow without causing harm to the seed. However, in band treatments, granules do not make a furrow. Applications of DIFONATE® II 10-G should be made in a 7 inch wide band. Broadcast Apply DIFONATE® II 10-G prior to planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.
	At Planting	Corn Leaf Aphid Wireworm	Broadcast 15 pounds per acre	Not recommended in Texas only. Use only on irrigated sorghum. Do not harvest nor feed or graze livestock within 14 days of application.	Broadcast Apply DIFONATE® II 10-G over the top using aerial equipment. Use only on irrigated sorghum. Do not harvest nor feed or graze livestock within 14 days of application.
SUGAR BEETS	Prior to planting or at planting	Sugar Beet Root Maggot	Band 6 to 8 lb per 1000 linear feet Subsurface Band 30 to 32 lb per 1000 linear feet	To avoid stand reduction do not apply DIFONATE® II 10-G in direct contact with the seed.	Band Apply DIFONATE® II 10-G in a 7 inch wide band over the sugar beet rows. Incorporate lightly into the soil using suitable tillage equipment. Subsurface Band Apply DIFONATE® II 10-G 2 inches from the seed furrow and 2 inches below the soil surface on the irrigated beds of the sugar beet rows. (Recommended in the Big Horn Basin of Wyoming only) Broadcast Apply DIFONATE® II 10-G prior to planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.
		Symphyans Wireworms	Broadcast 20 pounds per acre Broadcast 40 pounds per acre	For symphyan control, reduce the rate proportionately for band treatments.	
SUGARCANE	At Planting	Wireworms	Band 20 to 22 lb per 1000 linear feet	A use rate of less than 7.5 lb per 1000 linear feet is only recommended in Florida.	Band Apply DIFONATE® II 10-G in a 7 inch wide band over the tops of the sugarcane seed pieces immediately ahead of covering discs.
	Prior to planting	White Grub	Band 20 to 22 lb per 1000 linear feet	Not recommended in the Northwestern U.S. only. Application should be made according to the label of the adult beetle.	Band Apply DIFONATE® II 10-G over the top of the cane row and lightly incorporate as close to plants as possible. For best results, irrigate after application.
TABLE BEETS	Prior to planting	Table Beet Maggot Symphyans	Broadcast 20 pounds per acre	For symphyan control, reduce the rate proportionately for band treatments.	Broadcast Apply DIFONATE® II 10-G prior to planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.