

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 26 1996

320 5-481095  
17

Andrew A. Davidson  
Zeneca Ag Products  
1800 Concord Pike  
Wilmington, DE 19897

Dear Mr. Davidson:

Subject: Labeling Amendment  
Dyfonate II 15-G  
EPA Reg. No. 10182-187  
Your submission dated 25 January 1994

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, has been received and reviewed, and the comments are listed below.

Under remarks of the "corn-field" section on your labeling (EPA Reg. No. 10182-187) the restricted-entry interval should be updated to read as follows: "The restricted-entry interval is zero hours".

Please make the aforementioned changes and submit to the Agency five (5) copies of your labeling reflecting these changes.

Sincerely,

*DBP/ta*

Karen Whitby, Ph.D.  
Acting Product Manager  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

CONCURRENCES

|         |         |  |  |  |  |  |  |  |
|---------|---------|--|--|--|--|--|--|--|
| SYMBOL  | 7505C   |  |  |  |  |  |  |  |
| SURNAME | COLE    |  |  |  |  |  |  |  |
| DATE    | 9/11/96 |  |  |  |  |  |  |  |

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**DYFONATE® II 15-G  
Granular Insecticide**

**Organophosphate**

Soil Insecticide for Pest Control In A Variety of Crops

**ACTIVE INGREDIENT:**

O-Ethyl-S-phenylethylphosphonodithioate\* ..... 15.0%

**INERT INGREDIENTS:** ..... 85.0%

**Total** ..... 100.0%

Contains 15 pounds active ingredient per 100 pounds  
\*fonofos

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

SEP 26 1987

EPA Reg. No. 10182-187

EPA Est. No.

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

10182-187

**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.)

Made in U.S.A.  
ZENECA Ag Products  
ZENECA Inc.  
Wilmington, Delaware 19897

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## STATEMENT OF PRACTICAL TREATMENT

### FOR PESTICIDE EMERGENCY

**CALL PHYSICIAN IMMEDIATELY:** If a known exposure occurs, or if poisoning is suspected, do not wait for symptoms to develop. Immediately contact a Poison Control Center, a 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:** The active ingredient in DYFONATE® II 15-G granular insecticide (fonofos) is an organophosphate pesticide that inhibits cholinesterase. Symptoms of poisoning include headache, blurred vision, weakness, nausea, discomfort in the chest, abdominal cramps, vomiting, diarrhea, salivation, 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 on the back of the victim's tongue. Give fluids until vomitus is clear. Refer person to medical personnel. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

**IF ON SKIN:** Flush with large amounts of running water for 15 minutes. Remove contaminated clothing and shoes. Get medical attention.

**IF IN EYES:** Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold the 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, clear victim's airway, start mouth-to-mouth artificial respiration. Get medical attention.

**IF BREATHING IS DIFFICULT,** give oxygen, preferably with a physician's advice. Get medical attention immediately.

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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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**INFORMATION FOR MEDICAL PERSONNEL:** If cholinesterase inhibition is suspected, initial measures should include, if necessary, removal of secretions, maintenance of airway, assisted respiration, and atropine as the antidote. Atropine may be injected in large therapeutic doses as needed to abate symptoms and as tolerated by the patient. Pralidoxime chloride (2-Pam, Protopam) can also be used as adjunctive therapy. The material may continue to be absorbed, resulting in relapse after initial improvement. Very close supervision of the patient is indicated for at least 48 to 72 hours.

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****WARNING**

MAY BE FATAL IF SWALLOWED, INHALED, OR ABSORBED THROUGH THE SKIN. DO NOT BREATHE DUST. RAPIDLY ABSORBED THROUGH SKIN. AVOID CONTACT WITH THE EYES, SKIN, OR CLOTHING.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.
- Protective eyewear.
- A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

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.

When handlers use closed systems, enclosed cabs, or aircraft 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.

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**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.
- 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.

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Do not transport or store DYFONATE II 15-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. For terrestrial uses, 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. For guidance contact your regional office of the EPA. Apply this product only as specified on the label.

This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**In case of spill, isolate the spill.  
Hold this package, other cargo and vehicles involved.  
Immediately telephone (24-hour service) for emergency assistance CHEMTREC  
1-800-424-9300.**

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## DIRECTIONS FOR USE

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

Refer to attached booklet for use directions.

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.

Application of a sulfonylurea herbicide such as Beacon® herbicide and Accent® herbicide following application of a soil insecticide such as DYFONATE II 15-G may result in crop injury. Follow the Directions for Use and Precautions contained on the sulfonylurea herbicide label.

## GENERAL USE PRECAUTIONS

- Read all directions before using.
- Do not apply on any crop or in any manner not specified on this label.
- Do not rotate to carrots.
- Do not apply or allow drift to areas occupied by domestic animals or onto adjoining food, fiber or pasture crops. Do not contaminate food or feed.

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## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., attached booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

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## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping 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:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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:** 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.

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**FOR BULK CONTAINERS**

**CONTAINER DISPOSAL:** Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

**CONTAINER PRECAUTIONS:** Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices.

**REFILL ONLY WITH DYFONATE II 15-G:** The contents of this container cannot be completely removed by cleaning. Refilling with materials other than DYFONATE II 15-G will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

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**IMPORTANT:** Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

**CONDITIONS OF SALE AND LIMITED WARRANTY:**

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, 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 timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. 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 and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.

When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Seller will be, at the election of Seller, refund of the purchase price paid for product bought, or replacement of amount of product used. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

DYFONATE® is a trademark of a ZENECA Group Company



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**DYFONATE® II 15-G**  
**Granular Insecticide**

**Organophosphate**

Soil Insecticide For Pest Control In a Variety of Crops

**COMPLETE DIRECTIONS FOR USE**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

SEP 26 1996

Wade...  
Federal...  
EPA Reg. No.  
10182-187

EPA Reg. No. 10182-187  
EPA Est. No.

Made in U.S.A.  
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ZENECA Inc.  
Wilmington, DE 19897

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**Total** ..... 100.0%

Contains 15 pounds active ingredient per 100 pounds  
\*fonofos

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### DIRECTIONS FOR USE

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- Do not rotate to carrots.
- Do not apply or allow to drift to areas occupied by domestic animals or onto adjoining food, fiber or pasture crops. Do not contaminate food or feed.

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### 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, notification, and emergency assistance. It also contains specific instructions 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.

**Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours (except for foliar applications to corn).**

**After foliar applications on corn, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 10 days. Exception:** For the last 8 days of the REI, workers may enter the treated area to perform hand labor or other tasks involving contact with anything that has been treated, such as plants, soil, or water, without time limit, if they wear the early-entry personal protective equipment listed below.

**Exception:** If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

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- Coveralls.
- Waterproof gloves.
- Shoes plus socks.
- Protective eyewear.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

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### GAUGE SETTINGS AND CALIBRATION INSTRUCTIONS

**NOTE:** These settings should be used as starting points only. Continually check the amount of DYFONATE II 15-G used against a known length of row or acreage and make further adjustments accordingly. Also, check calibration occasionally to make sure equipment wear, changing conditions, etc., have not caused a change in flow rate.

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| <b>GAUGE SETTINGS<br/>DYFONATE II 15-G<br/>8 OZ/1000 FT. OF ROW AND 15 OZ/1000 FT. OF ROW</b> |                     |           |                            |           |          |           |
|---|---------------------|-----------|----------------------------|-----------|----------|-----------|
| <b>EQUIPMENT</b>  | <b>SPEED IN MPH</b> |           |                            |           |          |           |
|   | <b>4</b>            |           | <b>6</b>                   |           | <b>8</b> |           |
| <b>APPLICATION RATE:<br/>OUNCES PER 1000 FT. OF ROW</b>                                       | <b>8</b>            | <b>15</b> | <b>8</b>                   | <b>15</b> | <b>8</b> | <b>15</b> |
| Kinze   | 10                  | 19        | 15                         | 26        | 21       | 33        |
| Gandy bolt on bottom  | 21                  | 27        | 24                         | 33        | 28       | 38        |
| Gandy snap-on bottom  | 21                  | 27        | 25                         | 33        | 28       | 38        |
| Noble (round opening) - Old   | 14                  | 23        | 19                         | 31        | 24       | 36        |
| Noble (rectangular opening) - New   | 10                  | 17        | 14                         | 24        | 18       | 30        |
| John Deere<br>1986 Maxi-Emerge II<br>(adjustable knob-0-79)                                   | 19                  | 35        | 29                         | 49        | 37       | 58        |
| John Deere<br>7000 Maxi-Emerge (Even)<br>(0-10-20-30-40)                                      | 17                  | 27        | 23                         | 34        | 28       | 38        |
| John Deere<br>7000 Maxi-Emerge (Odd)<br>(5-15-25-35-45)                                       | 13                  | 20        | 17                         | 25        | 21       | 31        |
| John Deere<br>(metal box with 3 range settings and<br>dial) Range/Notch                       | 1/30                | 2/12      | 2/6                        | 2/31      | 2/14     | 3/7       |
| International Harvester - Old<br>(one gauge per hopper) Gate/Dial                             | 2/8                 | 3/7       | 3/3                        | 4/9       | 3/8      | 6/1       |
| International Harvester - New<br>(two gauges per hopper) Gate/Dial                            | 2/1                 | 3/2       | 2/7                        | 4/5       | 3/3      | 6/2       |
| Buffalo (with gauge)  | 11                  | 21        | 17                         | 28        | 23       | 32        |
| Buffalo (fluted-roll feed-revolutions on<br>hexagonal adjusting nut)                          | 8                   | 13        | Uniform Flow at All Speeds |           |          |           |
| Allis Chalmers (old)  | 7                   | 12        | Uniform Flow at All Speeds |           |          |           |
| Allis Chalmers (new, with Noble<br>metering unit)   | 11                  | 18        | 15                         | 25        | 19       | 31        |
| Microband - Canaan Industries   | --                  | 18*       | Uniform Flow at All Speeds |           |          |           |

\* Number of teeth on sprockets. For additional rates/settings or for Double-Box units, contact Canaan Industries at 1-800-633-7560.





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| RECOMMENDATIONS     |                                      |   |   |  |  |
|---------------------|--------------------------------------|---|---|--|--|
| CROPS               | APPLICATION METHOD                   | PESTS CONTROLLED                                    | RATES OF DYFONATE II 15-G   | REMARKS  | APPLICATION DIRECTIONS   |
| ASPARAGUS           | Up to 30 days prior to harvest       | Symphylans (Suppression)                            | Broadcast: 20 to 27 pounds per acre.<br><br>Max. of 27 lbs/year.  | Recommended in California only. Reduce the rate proportionately for band treatments.<br><br><del>Restricted entry interval 12 hours</del>  | <u>Broadcast:</u> Apply DYFONATE II 15-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.   |
| BANANAS & PLANTAINS | At Planting and at 6 month intervals | Weevils   | Broadcast: 0.67 ounce (18.9 grams) to 1.34 ounces (38 grams) in a 12-inch band around the base of each plant using suitable granular application equipment.<br><br>Max. 2.68 ounces (76 grams)/year | Use the 1.34 ounce rate in plantations having a history of serious weevil damage.<br><br>Max. 2.68 ounces (76 grams)/year.<br><br><del>Restricted entry interval 12 hours</del>  | <u>Broadcast:</u> Apply DYFONATE II 15-G at planting and at 6-month intervals, or apply at beginning and toward the end of the rainy season. Do not apply during extreme drought unless the crop is irrigated regularly. Do not apply within 40 days of harvest. |
| BEANS, GREEN & DRY  | Prior to Planting                    | Symphylans<br><br>Wireworms<br><br>Seed Corn Maggot | Broadcast: 13.4 pounds per acre.<br>Broadcast: 27 pounds per acre.<br>Broadcast: 13.4 to 27 pounds per acre.<br><br>Max. of 27 lbs/A per season.  | For symphylan control, reduce the rate proportionately for band treatments.<br><br>Recommended for control of seed corn maggot in the Northwest U.S. only. Use the higher rate where population pressure is severe.<br><br><del>Restricted entry interval 12 hours</del> | <u>Broadcast:</u> Apply DYFONATE II 15-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                    | Symphylans  | Broadcast: 13.4 pounds per acre.<br><br>Max. of 13.4 lbs/A per season.  | Reduce the rate proportionately for band treatments.<br><br><del>Restricted entry interval 12 hours</del>  | <u>Broadcast:</u> Apply DYFONATE II 15-G prior to planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.   |

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| RECOMMENDATIONS  |                                  |                                  |  |   |  |
|--|----------------------------------|----------------------------------|--|---|--|
| CROPS  | APPLICATION METHOD               | PESTS CONTROLLED                 | RATES OF DYFONATE II 15-G  | REMARKS   | APPLICATION DIRECTIONS   |
| COLE CROPS<br>(Broccoli, Brussels Sprouts, Cabbage, and Cauliflower) | Prior to Planting or at Planting | Cabbage Maggot<br><br>Symphylans | Broadcast: 27 pounds per acre.<br><br>Broadcast: 13.4 pounds per acre.<br><br>Max. of 27 lbs/A per season. | Not recommended in the Northwestern U.S.<br><br>Reduce the rate proportionately for band treatments.<br><br><del>Restricted entry interval 12 hours</del> | <u>Broadcast:</u> Apply DYFONATE II 15-G prior to or at time of seeding or transplanting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment. |



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RECOMMENDATIONS

| CROPS                               | APPLICATION METHOD | PESTS CONTROLLED  | RATES OF DYFONATE II 15-G  | REMARKS  | APPLICATION DIRECTIONS   |
|-------------------------------------|--------------------|---|--|--|--|
|                                     | At Cultivation     | Northern, Southern, and Western Corn Rootworm   | Band: 8 oz. per 1000 linear feet.<br><br>Max. of 8 oz. per 1000 linear feet per season.<br><br>Regardless of application method (prior to or at planting, cultivation, or over the whorl) do not exceed 27 lbs/A per season total.                                   | Apply DYFONATE II 15-G when activity of rootworm larvae is first observed.<br><br><del>Restricted-entry interval 12 hours</del>  | <u>Band:</u> Apply DYFONATE II 15-G in a 7 inch wide band over the corn rows. Cover the treated bands with 2 to 3 inches of soil by making the application ahead of disc hillers or cultivation equipment. Do not apply within 45 days of harvest nor feed or graze livestock within 30 days of treatment. |
|                                     | Over The Whorl     | European Corn Borer,<br>Southwestern Corn Borer<br><br>Reduction of Fall Armyworm Populations | Band: 8 oz. per 1000 linear feet.<br><br>or<br><br>Broadcast: 6.75 pounds per acre.<br><br>Max. of 6.75 lbs/A per season.<br><br>Regardless of application method (prior to or at planting, cultivation, or over the whorl) do not exceed 27 lbs/A per season total. | Consult your State Agricultural Experiment Station or extension service specialist for local treatment threshold and application timing information. Scouting for insect damage is strongly recommended.<br><br>Restricted-entry interval 10 days. | <u>Band or Broadcast:</u> Apply DYFONATE II 15-G over the corn rows so granules fall into the whorl. May be applied broadcast, using air or ground equipment, or in a band directed over corn rows. Do not apply within 30 days of harvest nor feed or graze livestock within 30 days of treatment.        |
| SWEET CORN<br>(Grown on Muck Soils) | At Planting        | Wireworms   | Band: 16 oz. per 1000 linear feet.<br><br>Max. of 27 lbs/A per season.   | Recommended in Florida only.<br><br><del>Restricted-entry interval 12 hours</del>  | <u>Band:</u> Apply DYFONATE II 15-G in a 2 inch wide band over the corn rows.  |

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| RECOMMENDATIONS             |  |  |   |  |  |
|-----------------------------|--|--|---|--|--|
| CROPS                       | APPLICATION METHOD   | PESTS CONTROLLED   | RATES OF DYFONATE II 15-G   | REMARKS  | APPLICATION DIRECTIONS   |
| MINT                        | Prior to Planting  | Symphylans   | Broadcast: 13.4 pounds per acre<br><br>Max. of 13.4 lbs/A per season.   | Do not apply after May 15. Do not apply more than once per season.<br><br><del>Restricted entry interval 12 hours</del>  | <u>Broadcast:</u> Incorporate into the soil using suitable tillage equipment prior to planting or on established planting prior to spring growth. Do not apply terbacil for at least 3 weeks before or after DYFONATE II 15-G application. |
| ONIONS, BULB                | At Planting  | Onion Maggot   | In-Furrow: 8 oz. per 1000 linear feet.<br><br>Max. of 8 oz. per 1000 linear feet per season.                          | Use only in soils containing 10% or more organic matter.<br><br><del>Restricted entry interval 12 hours</del>  | In-Furrow: Apply DYFONATE II 15-G into the furrow at time of planting.   |
| PEANUTS (Southeastern U.S.) | At early flowering or anytime up to 21 days before harvest as indicated by local recommendations | Southern Corn Rootworm, Granulate Cutworm Wireworms<br><br>Lesser Cornstalk Borer<br><br>Suppression of White Mold ( <i>Sclerotium rolfsii</i> ) | Band: 15 oz. per 1000 linear feet<br><br>or<br><br>Broadcast: 27 pounds per acre.<br><br>Max. of 27 lbs/A per season. | For control of southern corn rootworm, granulate cutworm, and wireworms, apply DYFONATE II 15-G at early flowering or pegging.<br><br>For control of lesser cornstalk borer, apply DYFONATE II 15-G at first signs of borer infestation after pegging begins.<br><br>For heavy white mold infestations a suitable fungicide treatment is necessary.<br><br>Do not harvest within 21 days after treatment.<br><br><del>Restricted entry interval 12 hours</del> | <u>Band:</u> Apply DYFONATE II 15-G in an 18 inch wide band.<br><br><u>Broadcast:</u> Apply DYFONATE II 15-G by air or ground equipment.   |

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| RECOMMENDATIONS                |  |  |   |   |  |
|--------------------------------|--|--|---|---|--|
| CROPS                          | APPLICATION METHOD   | PESTS CONTROLLED   | RATES OF DYFONATE II 15-G   | REMARKS   | APPLICATION DIRECTIONS   |
| PEANUTS<br>(Southwestern U.S.) | At pegging or anytime up to 21 days before harvest as indicated by local recommendations | Southern Corn Rootworm<br>Wireworms<br><br>Lesser Cornstalk Borer<br><br>Burrowing Bug | Band: 15 oz. per 1000 linear ft.<br><br>Band: 6 to 8 oz. per 1000 linear ft.<br><br>Band: 8 to 15 oz. per 1000 linear ft.<br><br>or<br><br>Broadcast: 13.4 pounds per acre.<br><br>Max. of 27 lbs/A per season. | Recommended for control of burrowing bug in Texas only.<br><br>Do not harvest within 21 days after treatment<br><br><del>Restricted-entry interval 12 hours.</del>  | <u>Band:</u> Apply DYFONATE II 15-G in an 18 inch wide band.<br><br><u>Band:</u> Apply DYFONATE II 15-G in a 14 inch wide band.<br><br><u>Band:</u> Apply DYFONATE II 15-G in an 18 inch wide band.<br><br><u>Broadcast:</u> Apply DYFONATE II 15-G and lightly incorporate into the soil with 1 to 2 inches of water. |
| POTATOES<br>(Irish)            | Prior to Planting or at Planting   | Wireworms<br><br><br>Symphylans  | Subsurface Bands: 13.4 oz. per 1000 linear feet.<br><br>or<br><br>Broadcast: 27 pounds per acre.<br><br>Broadcast: 13.4 pounds per acre.<br><br>Max. of 27 lbs/A per season.                                    | The use of subsurface bands is recommended in the Pacific Northwest only. This application will control light to moderate infestations of wireworms. Use the 27 pound per acre broadcast application for heavy infestations of wireworms.<br><br><del>Restricted-entry interval 12 hours.</del> | <u>Subsurface Bands:</u> Apply DYFONATE II 15-G in subsurface bands 3 to 4 inches on both sides of and 2 inches below the seed pieces.<br><br><u>Broadcast:</u> Apply DYFONATE II 15-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<br><br>Symphylans   | Broadcast: 13.4 pounds per acre.<br><br>Max. of 13.4 lbs/A per season.  | For symphylan control, reduce the rate proportionately for band treatments.<br><br><del>Restricted-entry interval 12 hours.</del>   | <u>Broadcast:</u> Apply DYFONATE II 15-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.   |

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| RECOMMENDATIONS |                                  |  |   |  |  |
|-----------------|----------------------------------|--|---|--|--|
| CROPS           | APPLICATION METHOD               | PESTS CONTROLLED   | RATES OF DYFONATE II 15-G   | REMARKS  | APPLICATION DIRECTIONS   |
| STRAWBERRIES    | Prior to Planting                | Symphylians  | Broadcast: 13.4 pounds per acre.<br><br>Max. of 13.4 lbs/A per season.  | <del>Restricted entry interval 12 hours.</del>   | <u>Broadcast:</u> Incorporate into the soil using suitable tillage equipment prior to planting or transplanting. (For band treatments, reduce the rate proportionately.)   |
| SUGAR BEETS     | Prior to Planting or at Planting | Sugar Beet Root Maggot<br><br>Symphylians<br><br>Wireworms | Band: 4.5 to 6.8 oz. per 1000 linear feet.<br><br>Broadcast: 13.4 pounds per acre.<br><br>Broadcast: 27 pounds per acre.<br><br>or<br><br>Subsurface Band: 6.8 oz. per 1000 linear feet.<br><br>Max. 27 lbs/A per season. | To avoid stand reduction, do not place DYFONATE II 15-G in direct contact with the seed.<br><br>For symphylian control, reduce the rate proportionately for band treatments.<br><br>The use of subsurface bands is recommended in the Pacific Northwest only. This application will control light to moderate infestations of wireworms. Use the 27 lb. per acre broadcast rate for heavy infestations of wireworms.<br><br><del>Restricted entry interval 12 hours.</del> | <u>Band:</u> Apply DYFONATE II 15-G in a 7 inch wide band over the sugar beet rows. Incorporate lightly into the soil using suitable tillage equipment.<br><br><u>Broadcast:</u> Apply DYFONATE II 15-G prior to planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.<br><br><u>Subsurface Band:</u> Apply DYFONATE II 15-G in subsurface bands 3 to 4 inches on both sides of and 2 inches below the seed pieces. |
| TABLE BEETS     | Prior to Planting                | Cabbage Maggot<br><br>Symphylians                          | Broadcast: 13.4 pounds per acre.<br><br>Max. of 13.4 lbs/A per season.  | For symphylian control, reduce the rate proportionately for band treatment.<br><br><del>Restricted entry interval 12 hours.</del>  | <u>Broadcast:</u> Apply DYFONATE II 15-G prior to planting and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.   |
| TOBACCO         | Prior to Bedding                 | Wireworms  | Broadcast: 6.7 to 13.4 pounds per acre.<br><br>Max. of 13.4 lbs/A per season.   | <del>Restricted entry interval 12 hours.</del>   | <u>Broadcast:</u> Apply DYFONATE II 15-G prior to bedding and incorporate into the soil to a depth of 2 to 3 inches using suitable tillage equipment.  |

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| RECOMMENDATIONS |                    |                  |  |  |  |
|-----------------|--------------------|------------------|--|--|--|
| CROPS           | APPLICATION METHOD | PESTS CONTROLLED | RATES OF DYFONATE II 15-G  | REMARKS  | APPLICATION DIRECTIONS   |
| TOMATOES        | Prior to Planting  | Symphylans       | Broadcast: 13.4 pounds per acre.<br><br>Max. of 13.4 lbs/A per season. | Reduce the rate proportionately for band treatments.<br><br><del>Restricted entry interval: 12 hours</del> | <u>Broadcast:</u> Apply DYFONATE II 15-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 **APPLICATION METHOD** is "Prior to Planting," results are best when application is made as close as possible to planting.

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## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping 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:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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:** 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.

### FOR BULK CONTAINERS

**CONTAINER DISPOSAL:** Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

**CONTAINER PRECAUTIONS:** Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices.

REFILL ONLY WITH DYFONATE II 15-G. The contents of this container cannot be completely removed by cleaning. Refilling with materials other than DYFONATE II 15-G will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

**IMPORTANT:** Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

**CONDITIONS OF SALE AND LIMITED WARRANTY:**

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, 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 timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. 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 and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.

When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Seller will be, at the election of Seller, refund of the purchase price paid for product bought, or replacement of amount of product used. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

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