

2000/2001

Net Contents

Bag 20 kg

816 kg

907 kg

**DYFONATE<sup>(R)</sup> II 20-G  
Granular**

Organophosphorus Soil Insecticide

**DANGER            POISON**

**READ THE LABEL BEFORE USING**

GUARANTEE: Fonofos 20%

REGISTRATION NO. 13334    PEST CONTROL PRODUCTS ACT

ZENECA Inc.  
Concord Pike and New Murphy Road  
Wilmington, DE 19897

FOR MORE INFORMATION CONTACT:

ZENECA Agro,  
#250, 3115 - 12th Street NE  
Calgary, Alberta T2E 7J2

C93/A-8

**NOTICE TO USER**

This control product is to be used only in accordance with the directions on this label. It is an offense under the PEST CONTROL PRODUCTS ACT to u

a control product under unsafe conditions.

**NATURE OF RESTRICTION:** This product is to be stored or displayed separate from food for humans or feed for animals.

**RESTRICTED USES**

Soil insects controlled

Northern Corn Rootworm    Seed Corn Maggot  
Western Corn Rootworm    Wireworms

**DIRECTIONS FOR USE**

**Corn (Field and Sweet):**

**A. Band application for control of northern and western corn rootworms and seed corn maggot and suppression of wireworms:**

Apply the rates recommended in the following table in a 15 to 20 centimeter band at planting. Use the higher rate where severe infestations are expected. Consult Provincial Recommendations for further information.

	RATE KILOGRAMS PER HECTARE		
Row width (centimetres)	75	90	96 to 102
<b>INSECT</b>			
Corn rootworms	5.65 to 7.3	4.7 to 6.1	4.25 to 5.65
Seed corn maggot	5.65 to 7.3	4.7 to 6.1	4.25 to 5.65
Wireworms	7.3	6.1	5.65

Incorporate with the top 1.0 to 3.0 cm of soil by making application ahead of press wheels, or by use of special covering devices, or by dragging a short length of chain behind press wheels. Do not apply DYFONATE II 20-G in furrow. Do not place DYFONATE II 20-G in direct contact with the seed.

**B. Broadcast application for control of wireworms:**

Apply 22.25 kilograms DYFONATE II 20-G per hectare prior to planting and incorporate 5.0 to 7.0 centimetres into soil.

**PRECAUTIONS**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER:** Harmful if swallowed. DO NOT get in eyes, on skin or on clothing. Do not breathe dust.

Wear rubber gloves, protective clothing and goggles.

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 re-using. In case of contact immediately remove contaminated clothing and wash thoroughly with soap and water.

Do not apply in any manner not specified on the label.

### **FIRST AID**

If a known exposure occurs, or if poisoning is suspected, **CALL A PHYSICIAN IMMEDIATELY**, do not wait for symptoms to develop. Immediately initiate the recommended procedures below. Simultaneously contact a physician, or the nearest hospital, or the nearest Poison Control Centre. Inform the person contacted of the type and extent of exposure, describe the victim's symptoms, and follow the advice given.

**IMPORTANT:** Be sure to advise the physician that the compound is a cholinesterase inhibitor.

If patient has stopped breathing, *immediately* remove from contaminated area, then start artificial respiration, preferably by mechanical means. Call a physician immediately.

**IF SWALLOWED:** Immediately dilute the swallowed material by giving large quantities of water and induce vomiting by gagging the victim with a finger placed on the back of the victim's tongue. Give fluids until vomitus is clear. Never give anything by mouth to an unconscious or convulsing person. Call a physician or the nearest poison control centre immediately.

**IF INHALED:** Remove to fresh air. Get medical attention if respiratory irritation occurs. If breathing has ceased, clear the victim's airway and start artificial respiration, preferably by mechanical means. Call a physician immediately.

**IF IN EYES:** 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 eyes and lids with water. Get medical attention immediately. Continue flushing eyes for an additional 15 minutes if a physician is not immediately available.

**IF ON SKIN:** Remove contaminated clothing and immediately wash skin thoroughly for 15 minutes with soap and water. Avoid abrading the skin.

Get medical attention immediately.

### **TOXICOLOGICAL INFORMATION**

Warning symptoms include weakness, headache, tightness of chest, blurred vision, nonreactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

**Atropine by injection is antidotal.**

Initial measures include removal of secretions, maintenance of a patient airway and, if necessary, artificial respiration. When cyanosis is relieved, atropine may be administered in large therapeutic doses, repeated as necessary to the point of tolerance. If symptoms warrant further treatment, pralidoxime chloride (2-PAM Chloride) has shown utility as adjunctive therapy. Never use morphine. Continued absorption of the poison may occur, resulting in a fatal relapse after initial improvement; very close supervision of the patient is indicated for at least 48 to 72 hours.

### **EMERGENCY TELEPHONE NUMBER**

All hours, 1-800-327-8633 **ONLY** for health and environmental information.

### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Do not contaminate water by cleaning of equipment or disposal of wastes.

### **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. Store in a cool, dry place. Protect from excessive heat. **KEEP THIS PRODUCT IN THE ORIGINAL CONTAINER.** This product is not affected by freezing.

### **SPILL CLEANUP**

Do not attempt to clean up an area in which this product has been spilled or released from broken containers. Evacuate all personnel from the area. If the spill occurs on a transport vehicle, STOP further movement of the vehicle! If possible, isolate it and keep all personnel away from the area until it has been decontaminated and certified ready for further use. Spill cleanup for this product must be handled according to a predetermined plan. Call the telephone number listed above (see EMERGENCY TELEPHONE NUMBERS), day or night, to obtain trained personnel to clean up the spill or leaking container.

**DISPOSAL**

Bags

Empty the bag thoroughly into applicator. DO NOT burn empty bag. Make the empty bag unsuitable for further use. Dispose of bag in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the clean up of spills, contact the Provincial Regulatory Agency.

**Bulk Container**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse container for any other purpose. For information on the disposal of unused, unwanted product and the clean up of spills, contact the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO BUYER**

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

**Gauge Settings and Calibration Instructions**

NOTE: These settings should be used as starting points only. Continually check the amount of DYFONATE II 20-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.

	4.2 Kilograms Per Hectare Based On 100 Centimetres Row Spacing (42 grams of Dyfonate II 20-G on 100 metres of row)					5.6 Kilograms Per Hectare Based on 100 Centimetres Row Spacing (56 grams of Dyfonate II 20-G on 100 metres of row)				
(MPH) Speed In Km/hr	(4) 6.4	(5) 8.0	(6) 9.7	(7) 11.3	(8) 12.9	(4) 6.4	(5) 8.0	(6) 9.1	(7) 11.3	(8) 12.9
Gandy bolt-on bottom	13	14.6	16.2	17.7	19.5	15.3	17.3	19.5	21	22.5

Gandy snap-on bottom	13.5	15	16.5	18	19.5	15.5	17.5	19.5	21	22.5
Noble (round opening)	6	8	9	11	12	8	10	12	14	16
Noble (rect. opening)	4	5	6	7	8	5	7	8	10	11
John Deere Maxi-Emerge II (adjustable knob)	12	13.6	15.5	17	18.8	14.3	16.5	19	22	25
John Deere 7000 Maxi-Emerge (10-20-30-40 gauge)	8	10	11	13	15	10	13	15	17	20
John Deere 7000 Maxi-Emerge (15-25-35-45 gauge)	8	9	10	11	12	9	11	12	14	15
John Deere (3 range settings & dial Range/Notch)	1/22	1/24	1/25	1/27	1/29	1/24	1/27	1/29	2/2	2/4
IH Case (1 gauge/hopper) Gate/Dial	1/4.9	1/6.1	1/7.1	1/8	1/9	1/6.5	1/7.8	1/9	2/0.5	2/2.5
IH Case (2 gauges/hopper) Gate/Dial	1/6.3	1/7.1	1/7.8	1/8.5	1/9.4	1/7.4	1/8.3	1/9.5	2/1.5	2/3.3
Buffalo (with gauge)	5	7	8	9	11	7	9	11	13	14
Buffalo (fluted-roll feed)	All speeds--3 complete revolutions of hexagonal nut					All speed--4 complete revolutions of hexagonal nut				
Allis Chalmers	All speeds--gauge setting at 4					All speeds--gauge setting of 5				

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