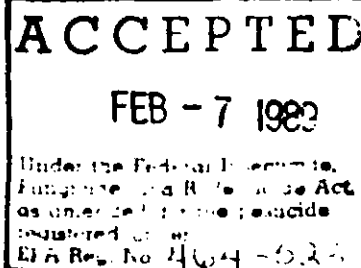


Specimen Label



Lorsban* 15G

Granular Insecticide

For Control of Various Insects Infesting Certain Field and Vegetable Crops

Active Ingredient(s):

Chlorpyrifos [O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate] 15.0%

Inert Ingredients 85.0%

E.P.A. Registration No. 464-523

E.P.A. Est. 464-M

KEEP OUT OF REACH OF CHILDREN

CAUTION

AVISO:

PRECAUCION AL USUARIO:

Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

HARMFUL IF SWALLOWED

• CAUSES EYE IRRITATION

Avoid Contact With Eyes, Skin, and Clothing

• Avoid Breathing Dusts • Wash Thoroughly With Soap And Water After Handling

• Remove Contaminated Clothing And Wash Before Reuse • Keep Away From Food, Feedstuffs And Water Supplies

STATEMENTS OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. If In Eyes: Flush with plenty of water for 5 minutes. Get medical attention if irritation persists. If On Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

NOTE TO PHYSICIANS: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Osmes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration.

Environmental Hazards

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water by cleaning of equipment or disposal of waste.

NOTICE

Read and understand the entire label before using. Use only according to label directions.

Before buying or using this product, read "WARRANTY LIMITATIONS AND DISCLAIMER" elsewhere on this label. If terms are not acceptable, return unopened package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under WARRANTY LIMITATIONS AND DISCLAIMER.

IN CASE OF AN EMERGENCY

endangering life or property involving this product, call collect 517-636-4400

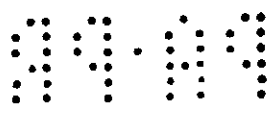
AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

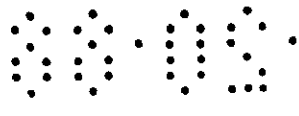
RQ CHLORPYRIFOS
MIXTURE, NA 2783

ORM-A

Lorsban* 15G



LORSBAN 15G has demonstrated suppression of soil-borne pathogens which results in certain physiological and agronomic advantages to corn under environmental stress conditions when compared to corn not treated with LORSBAN 15G.



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DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner not consistent with its labeling.

Fire Ants¹
Chinch Bug²

Sorghum / Milko

Crop	Pest	Amount of ¹ 1,000 feet of row			Amount of LORSBAN 15G per acre for Preplant Broadcast Treatment	Use Directions
		Planting Time T-Band	Treatment Band	In-Furrow Treatment		
Corn Field, Popcorn, Sweet Corn	Northern and Western Corn Rootworm Larvae	8 oz	8 oz	—	8 oz	—
	Southern Corn Rootworm Larvae	8 oz	8 oz	8 oz	8 oz	—
	Cutworms ²	8 oz	8 oz	8 to 16 oz	—	8.75 to 13.5 lb
	Wireworms ²	8 to 16 oz	16 oz	8 to 16 oz	—	13.5 lb
	Chinch Bugs ²	8 to 16 oz	8 to 16 oz	—	—	13.5 lb
	Seed Corn Maggots	8 oz	—	8 oz	—	—
	Grubs	16 oz	—	8 to 16 oz	—	13.5 lb
	Lesser Cornstalk Borer	8 to 16 oz	8 to 16 oz	—	—	—
	Seed Corn Beetle	8 to 16 oz	—	8 to 16 oz	—	—
	Fire Beetle Larvae	—	—	—	—	13.5 lb
	Symphytans	8 to 12 oz	8 to 12 oz	—	—	—
	European & Southwestern Corn Borer ³	—	—	—	8 to 8 oz	—
¹ 8 oz rate-suppression only for in-furrow treatments. ² 8 oz rate-suppression only. ³ Use 5 lb to 8.5 lb. of LORSBAN 15G per acre applied broadcast by air.						
Citrus Orchard Flora	Fire Ants, and other ant species	—	—	—	8.75 lb/A	—
Onion —<						

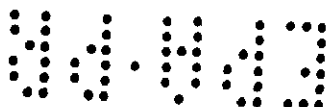
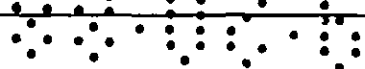
For soil insect control, use 16 ounces of LORSBAN 15G per acre for 18 inch row spacing or 13.5 pounds of LORSBAN 15G per acre for 20 inch row spacing. For late application of 16 oz per acre, apply 13.5 lb per acre. Do not apply more than 13.5 lb per acre per year to most or dairy animals.

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Fire Ants ¹	8 oz	—	—	—
Chinch Bug ²	8 oz	—	8 oz	—

Wireworms							Postplant Preventive Treatment: Apply LORSBAN 15G at early flowering in a 6 to 12 inch band over the row or during early pegging in a 10 to 18 inch band over the rooting zone. Use the 7.5 oz rate only if a 7.5 oz rate was applied at plant. Irrigation or rain following application will enhance activity. Under conditions of heavy white mold pressure, a suitable fungicide may also be required and should be applied separately.	
Southern Blight (White Mold)								
Lesser Cornstalk Borer*	—	—	—	7.5 to 11 oz	—		Band Rescue Treatment: Use LORSBAN 15G for the control of lesser cornstalk borer when the insect first appears, usually just prior to or at pegging. Apply in a 10 to 18 inch band over the rooting zone.	
*Use 10 to 13 lb of LORSBAN 15G per acre applied broadcast by air								
Soybeans	Lesser Cornstalk Borer, Cutworms	8 oz	8 oz	—	8 oz	—	Use LORSBAN 15G insecticide to control larvae of the lesser cornstalk borer and cutworms by application at planting time or postemergence as a band (row) treatment at the rate of 8 ounces per 1,000 linear feet of row. In the Southeast apply 4 to 8 ounces per 1,000 linear feet of row as an at plant treatment. Equivalent rates of LORSBAN 15G per acre for various row spacings are given in the accompanying table. When applied at planting time incorporate the granules into the top 1 inch of soil by placing in a 4 to 10 inch band over the row behind the planter shoe and ahead of the press wheel. A drag chain can also be used for incorporation. For postemergence treatment when insects first appear incorporate the granules in a 4 to 10 inch band to a depth of 1/2 to 1 inch using a suitable cultivator. Apply LORSBAN 15G with equipment that will provide uniform distribution of the granules. Do not apply as an in-furrow treatment. For suppression of fire ants, use LORSBAN 15G at 8 ounces per 1,000 feet of row as an at plant band treatment.	Do not make more than one application per season.
Sugar Beets	Sugar Beet Root Maggot	6.5 to 9.0 oz	6.5 to 9.0 oz	4.5 to 9.0 oz	6.5 to 9.0 oz	—	At Plant Band Treatment: To control cutworms and sugar beet root maggot larvae at planting time place LORSBAN 15G in a 5 inch wide band behind the planter shoe, over the drill row, and in front of the press wheel. Apply granules at the rate of 6.5 to 9 ounces per 1,000 feet of row (equivalent to 10 to 13.5 pounds per acre based on a 22-inch row spacing). Incorporate granules into the top 1 to 2 inches of soil using suitable equipment.	Do not make more than one application per year.
	Cutworms	6.5 to 9.0 oz	6.5 to 9.0 oz	—	—	—	At Plant In-Furrow Treatment: To control only sugar beet root maggot larvae LORSBAN 15G may be placed in-furrow at planting time. Apply at the rate of 4.5 to 9 ounces per 1,000 feet of row (equivalent to 7 to 13.5 pounds per acre based on 22-inch row spacing). Postemergence Band Treatment: For postemergence control of sugar beet root maggot larvae place LORSBAN 15G in a 5-inch wide band over the beets (up to 2 to 4 true leaf stage of the plant). Apply granules at the rate of 6.5 to 9 ounces per 1,000 feet of row (equivalent to 10 to 13.5 pounds per acre based on 22-inch row spacing). Incorporate the granules into the top 1/2 to 1 inch of soil using a suitable cultivator.	
Sunflowers	Cutworms	—	8 oz	—	—	—	Place granules in a 7-inch wide band over the row behind the planter shoe in front of the press wheel and incorporate into the top one inch of soil using suitable equipment.	Do not make more than one application per season.
Sweet Potatoes	Wireworms (Conoderus), Flea Beetles (Systema), and Sweet Potato Beetle	—	—	—	—	13.5 lb	Use LORSBAN 15G to reduce the feeding damage caused by populations of the listed pests. Evenly broadcast the granules over the soil surface and incorporate the granules into the soil to a depth of 4 to 6 inches using a rotary hoe, disc cultivator, or suitable equipment. Plant the crop in the usual manner no later than 14 days after treatment. Delay in planting will reduce the length of time that LORSBAN 15G will protect against feeding damage. LORSBAN 15G will not control late sowworm or winged beetles and other grubs that attack sweet potatoes.	Do not make more than one application per season. Do not harvest within 125 days of treatment.
Tobacco	Cutworms, Flea Beetle Larvae, Root Maggots, and Wireworms	—	—	—	—	13.5 to 20 lb	Apply the granules one week before transplanting, using equipment that will evenly distribute the granules over a treated area. Immediately following application, incorporate the granules into the soil to a depth of 2 to 4 inches using suitable equipment. The application of LORSBAN 15G will also suppress movement of imported fire ant into a treated field.	Do not make more than one application per season.
Vegetables: Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage, Collards, Kale, Kohlrabi, Rutabaga, Turnips	Root Maggots	4.8 to 9.2 oz	—	—	—	—	Place LORSBAN 15G across the seed row in a 4 inch wide band behind the planter shoe and in front of the press wheel to achieve shallow incorporation. This application requires a spreader or spitter on the end of the drop tube from the granule applicator.	Do not apply more than 7 1/2 pounds of LORSBAN 15G per acre to crops planted in 40-inch rows or more than 15 pounds of LORSBAN 15G per acre to crops planted in 20 inch rows (or two rows per bed). Use proportional amounts for other row spacings not to exceed 15 pounds of LORSBAN 15G per acre. Do not make more than one application per season. Do not use rutabaga tops for food or feed purposes.
Radishes	Root Maggots	—	—	13.5 lb	—	—	Apply the granules in the seed furrow with the seed at planting time.	Do not apply more than 16.3 pounds of LORSBAN 15G per acre or make more than one application per season.



by burning. If burned, stay out of smoke.

ENDANGERED SPECIES RESTRICTIONS

The following restrictions apply to use of this product after February 1, 1968

Before using this pesticide on corn, soybeans or sorghum in the counties listed below, you must obtain the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES for the county in which the product is to be used. The bulletin is available from your County Extension Agent, State Fish and Game Office, or your pesticide dealer. Use of this product in a manner inconsistent with the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES is a violation of Federal laws.

ALABAMA: Colbert, Greene, Jackson, Lamar, Lauderdale, Limestone, Madison, Marshall, Morgan, Pickens and Sumter

ARIZONA: Graham, Maricopa, Mohave, Pima, Pinal and Santa Cruz

ARKANSAS: Benton, Clay, Clark, Cross, Lawrence, Lee, Poinsette, Polk, Randolph, Sharp and St. Francis

CALIFORNIA: Butte, Colusa, Glenn, Imperial, Kern, Merced, Inyo, Los Angeles, Modoc, Orange, Riverside, Sacramento, San Bernardino, San Diego, Santa Barbara, Solano, Stanislaus, Sutter, Tehama, Yolo and Ventura

FLORIDA: Alachua, Baker, Bradford, Brevard, Broward, Charlotte, Citrus, Clay, Collier, Columbia, Dade, De Soto, Dixie, Duval, Flagler, Gadsden, Gilchrist, Glades, Hardee, Hendry, Hernando, Highlands, Hillsborough, Indian River, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Madison, Manatee, Marion, Martin, Monroe, Nassau, Orange, Okeechobee, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, St. Johns, St. Lucie, Sarasota, Seminole, Sumter, Suwannee, Taylor, Union, Volusia and Wakulla

GEORGIA: Brantley, Bryan, Bulloch, Burke, Camden, Candler, Charlton, Chatham, Effingham, Emanuel, Evans, Glascock, Glynn, Jefferson, Jenkins, Johnson, Liberty, Long, McIntosh, Pierce, Richmond, Screven, Ware, Washington and Wayne

KANSAS: Clark, Comanche, Meade and Stafford

KENTUCKY: Ballard, Butler, Edmundson, Green, Hart, Jackson, Laurel, Livingston, Marshall, McCracken, McCreary, Pulaski, Rockcastle, Taylor, Warren and Wayne

MISSISSIPPI: Claiborne, Copiah, Hinds, Itawamba, Lowndes, Monroe and Noxubee

MISSOURI: Barry, Benton, Camden, Christian, Dallas, Greene, Hickory, Jasper, Lawrence, Miller, Newton, Osage, Polk, St. Clair, Stone and Webster

MONTANA: Garfield, McCone, Sheridan and Valley

NEBRASKA: Boyd, Brown, Buffalo, Butler, Cass, Cedar, Coffey, Dawson, Dodge, Douglas, Hall, Hamilton, Holt, Howard, Kearney, Keya Paha, Knox, Merrick, Nance, Phelps, Platte, Polk, Rock, Sarpy and Saunders

NEVADA: Clark

NEW MEXICO: Chaves, DeBaca and Eddy

NORTH CAROLINA: Edgecombe, Nash and Pitt

Charleston, Colleton, Dorchester, Georgetown, Hampton, Horry, Jasper and Marion

SOUTH DAKOTA: Clay, Haakon, Hughs, Potter, Stanley, Sully, Union, Walworth, Yankton, and Ziebach

TENNESSEE: Bedford, Blount, Claiborne, Decatur, Franklin, Hancock, Hardin, Hawkins, Hickman, Knox, Lawrence, Lincoln, Loudon, Marshall, Maury, Meigs, Monroe, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan, Trousdale, and Wayne

TEXAS: Aransas, Austin, Bastrop, Burleson, Cameron, Colorado, Comal, Fort Bend, Goliad, Harris, Hays, Jeff Davis, Pecos, Reeves, Refugio and Victoria

UTAH: Utah and Washington

VIRGINIA: Lee, Russell, Scott, Smyth, Tazewell, Washington and Wise

LORSBAN 15G INSECTICIDE — RATE PER 1,000 FT OF ROW

Amount of LORSBAN 15G Per 1,000 Feet of Row	Pounds of LORSBAN 15G Required Per Acre from Various Row Spacing							
	40"	38"	36"	34"	32"	30"	22"	18"
3.7 ounces	3.0	3.2	3.4	3.6	3.8	4.0	5.5	6.7
4 ounces	3.3	3.4	3.6	3.8	4.1	4.4	5.9	7.3
6 ounces	4.9	5.2	5.4	5.8	6.1	6.5	8.9	10.9
6.5 ounces	5.3	5.6	5.9	6.2	6.6	7.1	9.7	11.8
7.5 ounces	6.1	6.4	6.8	7.2	7.7	8.2	11.1	13.6
8 ounces	6.5	6.9	7.3	7.7	8.2	8.7	11.9	14.5
9 ounces	7.4	7.7	8.2	8.6	9.2	9.8	13.4	16.3
12 ounces	9.8	10.3	10.9	11.5	12.3	13.1	17.8	21.8
15 ounces	12.3	12.9	13.9	14.4	15.3	16.3	22.3	27.2
16 ounces	13.1	13.8	14.5	15.4	16.3	17.4	23.8	29.0

GENERAL INSTRUCTIONS FOR EQUIPMENT CALIBRATION

Caution: The following chart lists suggested initial gauge settings for application of LORSBAN 15G Insecticide with one hopper opening per row. Be sure to check the actual application rate under your operating conditions.

1. Fill hopper.
2. Attach a plastic bag to tube opening.
3. Set your planter to the initial settings shown on chart.
4. Measure off 1,000 row feet and drive your planter the pre-measured distance at your desired speed.
5. Each bag should contain 6 to 8 ounces (wt.) of granules depending on your desired rate.
6. If the result is over or under the desired rate — adjust the settings and repeat the calibration.

LORSBAN 15G INSECTICIDE — CALIBRATION

	Speed, mph									
	4		5		6		7		8	
	Application Rate, oz. Per 1,000 row ft.									
	8	16	8	16	8	16	8	16	8	16
Planter Type	Gauge Setting									
Gandy*	21.4	30.2	23.7	32.4	26.0	36.0	27.7	39.0	30.2	41.5
John Deere*										
Max-Emerge†	20	44	26	46	30	49	35	52	40	54
John Deere*										
7000 Max-Emerge— (Odd Nos. on Gate)	14	22	16	24	18	26	19	28	21	30
John Deere*										
7000 Max-Emerge— (Even Nos. on Gate)	17	30	20	33	24	35	26	36	28	38
John Deere*	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>3</u>
71 Flexi-Planter†	30	17	5	22	9	27	13	31	16	1
Alex Chalmers*										
70 Series	8	13	8	13	8	13	8	13	8	13
Alex Chalmers*	<u>1</u>	<u>3</u>	<u>2</u>	<u>3</u>	<u>2</u>	<u>4</u>	<u>2</u>	<u>5</u>	<u>3</u>	<u>6</u>
78 & 79 Series	9.0	3.0	3.3	9.5	6.0	3.0	9.0	4.0	2.5	0
John Deere*	11	19	14	22	16	25	17	28	19	31
71 Flexi-Planter	11	19	14	22	16	25	17	28	19	31
International	<u>1</u>	<u>3</u>	<u>2</u>	<u>3</u>	<u>2</u>	<u>4</u>	<u>2</u>	<u>5</u>	<u>3</u>	<u>6</u>
Harvester*	9.0	3.0	3.3	9.5	6.0	3.0	9.0	4.0	2.5	0
Buffalo All-Flex*										
Fischer Mtg)	4 1/4	10	4 1/4	10	4 1/4	10	—	—	—	—

- *Gauge setting.
- *Gauge setting with range 1 & 2 — number is range notch.
- *Gauge setting is constant regardless of speed.
- *Gauge setting shown with stem gates & dial settings — number shown is gate dial.
- *Number of turns open on the adjustment nut.

WARRANTY LIMITATIONS AND DISCLAIMER

The Dow Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions therein under normal conditions of use. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers 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 The Dow Chemical Company of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of The Dow Chemical Company or any other seller will be one of the following, at the election of The Dow Chemical Company:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations And Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations And Disclaimer in any manner.

U.S. Patent No. 4,380,537

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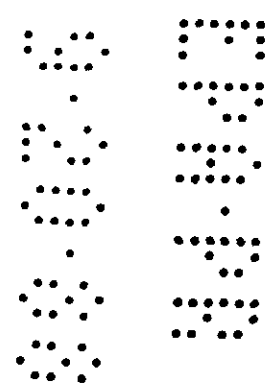
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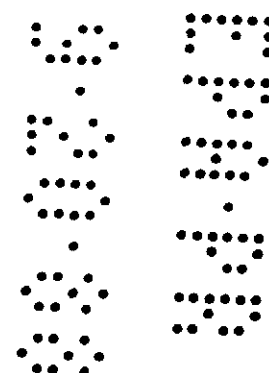


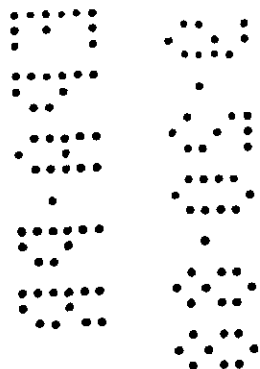
THE DOW CHEMICAL COMPANY

Midland, Michigan 48674 U.S.A.

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SPECIMEN LABEL 86-1375 DATE CODE H1187
REPLACES 86-1375 DATE CODE G887
DISCARD PREVIOUS SPECIMEN LABELS

REVISIONS INCLUDE:

- 1) ADDED SUPPRESSION OF NEMATODES, FIRE ANTS, CHINCHBUGS AND CUTWORMS ON CORN
- 2) ADDED CONTROL OF SOUTHERN ROOTWORM ON CORN
- 3) ADDED SUPPRESSION OF FIRE ANTS ON GRAIN SORGHUM AND SOYBEANS