

PM 04

62719-295

10/9/98

1/11



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7103C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

62719-295

Date:

10/9/98

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
Lorsban 30G

Under FIFRA, as amended

Name and Address of Registrant (Include ZIP Code):

Dow Agrosciences
9330 Zionsville Road
Indianapolis, IN 46268-1054

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence in this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name or number in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Section 4.
2. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 62719-295."
3. Submit data for Guideline Requirement No.: 830-6320, corrosion characteristics within 16 months.
4. Submit one copy of the revised final printed label before releasing the product for shipment.

Signature of Approving Official:

Dennis McNeilly
Dennis McNeilly
Insecticide-Rodenticide Branch

Date:

October 9, 1998

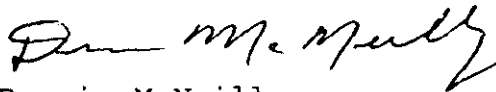
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A stamped copy of the label is enclosed for your records.

If the conditions enumerated above are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Please contact me on (703) 308-5404 if you have questions regarding this registration.

Sincerely,



Dennis McNeilly
Insecticide-Rodenticide Branch
Registration Division (7503C)

- Enclosure
- 1) Stamped Label
 - 2) Toxicology review
 - 3) Product chemistry review

ACCEPTED
with **COMMENTS**
In EPA Letter Dated:

page 1

(Base label):

(logo) Dow AgroSciences LLC

Lorsban* 30G

Oct 7, 1998
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 62717-295

For control of various insects infesting field corn and sweet corn.

Active Ingredient:

chlorpyrifos: O,O-diethyl-O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate 30%

Inert Ingredients 70%

Total 100%

U.S. Patent 4,380,537

ACCEPTED
OCT 9 1998
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 62719-285

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.)

Precautionary Statements

Hazards to Humans and Domestic Animals

May Be Fatal If Swallowed • Causes Moderate Eye Irritation

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

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.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

First Aid

Organophosphate

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. If person is unconscious, do not give anything by mouth and do not induce vomiting.

If in eyes: Flush with plenty of water. Call a physician 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. Oximes, 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, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water when disposing of equipment washwaters.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to label booklet for Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies".

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-XXX

EPA Est. 464-MI-1

*Trademark of Dow AgroSciences LLC
Dow AgroSciences LLC • Indianapolis, IN 46268 USA

Granular Insecticide

Net Contents XXX

(Datapack cover):

(logo) Dow AgroSciences LLC

Lorsban* 30G

For control of various insects infesting field corn and sweet corn

Active Ingredient:

chlorpyrifos: O,O-diethyl-O-
(3,5,6-trichloro-2-pyridinyl)
phosphorothioate30%

Inert Ingredients70%

Total100%

U.S. Patent 4,380,537

Keep Out of Reach of Children

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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 label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to label booklet for additional precautionary information including Personal Protective Equipment (PPE), User Safety Recommendations and Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies".

In case of emergency endangering health or the environment involving this product, call 1-800-982-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-XXX

EPA Est. 464-MI-1

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Dow AgroSciences LLC • Indianapolis, IN 46268 USA

Granular Insecticide

(Page 1 through end):

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

May Be Fatal if Swallowed • Causes Moderate Eye Irritation

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

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.

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Users should:

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Environmental Hazards

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water when disposing of equipment washwaters.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

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.

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), 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.

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:

- Coveralls
- Waterproof gloves
- Shoes plus socks

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an 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.

Approved Uses

Corn Field, Sweet Corn (including corn grown for seed)

Application Rates and Pests Controlled

Pests Controlled	Banded Applications (ounces per 1,000 feet of row)		
	At Plant Treatments		Cultivation
	T-Band	In-furrow	Treatment
northern, western and southern corn rootworm larvae	4	4	4
cutworms ^{††}	4	4	-
wireworms ^{†††}	4	4	-
billbugs	4	-	-
seed corn maggots	4	4	-
grubs ^{††††}	4	4	-
lesser cornstalk borer	4	-	-
seed corn beetle	4	4	-
symphylans	4	-	-
armyworms	4	-	-
fire ants ^{††}	4	-	-
chinch bug ^{††}	4	4	-

†Lorsban[®] 30G insecticide is compatible with Accent and Beacon herbicides applied in accordance with label recommendations. Refer to the product labels for Accent and Beacon for additional precautions and directions for use.

††suppression only for in-furrow treatments.

†††suppression only unless used with a hopper box insecticidal seed treatment.

†††† suppression only for T-Band treatment.

At Plant T-Band Treatment: In conventional, minimum and no-till corn, for control of rootworm, cutworm, and billbug, in addition to lesser cornstalk borer, symphylans, wireworm, seedcorn beetle, seedcorn maggot and grubs, apply as a T-band over an open seed furrow. In conventional and minimum-till corn, incorporate into the top 1/2 to 1-inch of soil using suitable equipment. Lorsban 30G has demonstrated suppression of certain soil-borne pathogens which may result in certain physiological and agronomic advantages to corn under environmental stress conditions when compared to corn not treated with Lorsban 30G.

At Plant In-Furrow Treatment: Apply Lorsban 30G at planting time as an in-furrow treatment in conventional, minimum and no-till corn. Direct the granules into the planter shoe with the seed or place the applicator tube directly behind the planter shoe so that the granules drop into the seed furrow or place the granular band applicator behind the planter shoe so that the granules fall on the soil surface and into the open seed furrow and are covered with soil.

Cultivation Treatment: To control corn rootworm larvae, apply Lorsban 30G at cultivation time by placing the granules at the base of the plant on both sides of the row just ahead of the cultivation shovels and cover with soil. Consult your state agricultural experiment station or extension service specialist for proper time to treat and local threshold information. Scouting for insect damage is strongly encouraged.

Restrictions

- For soil insect control, do not exceed the equivalent of 8 ounces of Lorsban 30G per 1,000 feet of row or 6.75 pounds (2.0 lb/acre a.i.) of Lorsban 30G per acre per crop season.
- Do not apply within 35 days before harvest of grain. Do not allow livestock to graze in treated areas or harvest treated corn silage as feed for meat or dairy animals within 14 days after last treatment.
- Do not feed treated corn fodder to meat or dairy animals within 35 days after last treatment.

Application Rates: Rate per 1,000 ft of row and equivalent rates per acre at different row spacings

Amount of Lorsban 30G Per 1,000 ft of Row	Pounds of Lorsban 30G per Acre for Different Row Spacings							
	Row Width							
	40"	38"	36"	34"	32"	30"	22"	20"
4 ounces	3.3	3.4	3.6	3.8	4.1	4.4	5.9	6.6

Equipment Calibration and Calibration Settings for Different Types of Equipment

General Instructions for Equipment Calibration

Caution: The following chart lists suggested initial gauge settings for application of Lorsban 30G 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 4 ounces (wt.) of granules.
6. If the result is over or under the desired rate - adjust the settings and repeat the calibration.

[Editor's Note: Calibration settings to be added to final printed labeling by registrant.]
 Calibration Settings (4 ounces/1000 feet of row)

Planter Type	Speed (mph)				
	4	5	6	7	8
Gandy ¹					
John Deere ¹ Max-Emerge ²					
John Deere ¹ 7000 Max-Emerge (Odd Nos. on Gate)					
John Deere ¹ 7000 Max-Emerge (Even Nos. on Gate)					
John Deere ² 71 Flex-Planter and Older Planters					
Allis Chalmers ³ 70 Series					
Allis Chalmers ⁴ 78 & 79 Series					
Noble ¹ (New)					
White Planter					
International Harvester ⁴					
Buffalo All-Flex ⁵ (Fleischer Mfg.)					

¹Gauge setting

²Gauge setting with range 1 & 2 - number is ~~range~~
notch

³Gauge setting is constant regardless of speed.

⁴Gauge setting shown with stem gates & dial settings - number shown is ~~gate~~
dial

⁵Number of turns open on the adjustment nut.

Warranty Disclaimer

Dow AgroSciences 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, subject to the inherent risks set forth below. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. All such risks shall be assumed by buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' election, one of the following:

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

Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. In no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

*Trademark of Dow AgroSciences LLC
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