

62719-301

07/03/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 3 2007

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Kenneth Racke, Ph. D.
Regulatory Leader
Regulatory Success-America
Dow AgroSciences LLC
9330 Zionsville, IN 46268-1054

Subject: Supplemental Label: Revised PHI, restrictions and application rates for corn (Field Corn and Sweet Corn, including Corn Grown for Seed)
EPA Reg. No. 62719-301
Lorsban 75WG
Submission dated April, 2007 and resubmission dated June 7 and June 22, 2007

Dear Dr. Racke:

The supplemental labeling for corn referred to above is acceptable with the following comments:

- 1) You must make the new approved supplemental label available to all distributors and users immediately. The Agency recommends that the registrant send distributors, dealers and other key end-users e-mail/letters/FAX forwarding the revised labeling and explanations for quick implementation.
- 2) Please incorporate the supplemental label changes and all the other chlorpyrifos mitigation language required by the IRED into the section 3 label. Please submit the revised section 3 label for re-registration within a month from the date of this letter by e mail and/or paper copies.
- 3) You may delete the restriction of "Do not allow meat or dairy animals to graze.....within 14 days after treatment" since the Agency has establishment tolerances for residues of corn forage and fodder at 8 ppm (180.342).

A stamped copy "accepted with comments" of the supplemental label is enclosed for your records. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Akiva Abramovitch".

Akiva Abramovitch, Ph. D. Chemist
Insecticide/Rodenticide Branch
Registration Division (7505P)

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Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Lorsban[®] 75WG

EPA Reg. No. 62719-301

Insect Control in Corn (Field Corn and Sweet Corn, Including Corn Grown for Seed)

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Lorsban[®] 75WG insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Lorsban 75WG according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Lorsban 75WG.

Directions for Use

Refer to product label for Lorsban 75WG for General Use Precautions, Mixing and Application instructions.

Conservation Tillage: Preplant, At-Plant, or Preemergence Applications

Apply as a broadcast spray to surface trash and exposed soil using power-operated ground spray equipment. Use a total spray volume of 20 gpa or more. Use a higher rate in the rate range to extend residual control.

Tank Mixing: Lorsban 75WG may also be applied in tank mixtures with paraquat or glyphosate and/or 28-0-0 liquid fertilizer only (Lorsban 75WG is not compatible with other liquid fertilizer solutions). See Mixing Directions section for tank mixing instructions. **ACCEPTED with COMMENTS** Follow all applicable directions, restrictions, and precautions on labeling for each product in combination with Lorsban 75WG.

In EPA Letter Dated:

JUL 3 2007

Target Pests	Lorsban 75WG (lb/acre)
armyworms	0.67 - 1.33
cutworms	

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

62719-301

Postemergence Application

Apply Lorsban 75WG as a postemergence broadcast spray using sufficient spray volume to ensure thorough coverage of treated plants, but no less than 15 gallons per acre (gpa) for ground spray equipment or 2 to 5 gpa for aircraft equipment. Control may be reduced at low spray volumes under high temperature and wind conditions.

Chemigation: Lorsban 75WG may be broadcast applied postemergence through sprinkler irrigation systems at recommended application rates to control listed foliar pests. See Chemigation (Sprinkler Irrigation) section on the product label for application instructions.

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Target Pests	Lorsban 75WG (lb/acre)
grasshoppers	0.33 - 0.67
aphids	0.67 - 1.33
armyworms	
chinch bugs (1)	
corn rootworm adults (2)	
cutworms (3)	
European corn borer (5)	
webworms (4)	
western bean cutworm	
corn earworm	1 - 1.33
southwestern corn borer (6)	
billbugs (1)	1.33
common stalk borer (9)	
corn rootworm larvae (7), (8)	
flea beetle adults (1)	
lesser cornstalk borer	

Numbers in parentheses (-) refer to Pest-Specific Use Directions.

Pest-Specific Use Directions:

1. For best **billbug**, **chinch bug**, or **flea beetle** control, ground apply in a minimum spray volume of 20 to 40 gpa at 40 psi. If corn is less than 6 inches tall, apply in a 9- to 12-inch wide band over the row. For corn greater than 6 inches tall, apply using drop nozzles directed to the base of the plant. Do not reduce the application rate for banded or directed applications. Concentrate the full-labeled dosage rate in the treated zone. When chinch bugs continue to immigrate to corn over a prolonged period or under extreme pest pressure, a second application may be needed.
2. The recommended dosage will control silk clipping by **corn rootworm adults**.
3. For **cutworms**, it is preferable to apply Lorsban 75WG when soil is moist and worms are active on or near the soil surface. If ground is dry, cloddy, or crusted at time of treatment, worms may be protected from the spray and effectiveness will be reduced. Shallow incorporation using a rotary hoe or other suitable equipment immediately before or soon after treatment may improve control. A second application may be required if damage or density levels exceed economic thresholds established for your area.
4. For **webworm** control, shallow incorporation using a rotary hoe or other suitable equipment immediately before or soon after treatment is necessary.
5. For **European corn borer** control, use 1 to 1.33 lb per acre when application is made with power-operated ground or aerial equipment or 0.67 to 1.33 lb per acre when application is made through a sprinkler irrigation system. University research indicates that achieving greater than 50% control of first-generation European borer with a single liquid insecticide treatment is highly dependent upon timing, insecticide placement, and weather conditions.
6. For **southwestern corn borer**, a second application may be applied 21 days later if needed due to reinfestation.
7. For postemergence control of **corn rootworm larvae** apply at cultivation. Direct the spray to both sides of the row at the base of the plants just ahead of the cultivator shovels. Cover the insecticide with soil around the brace roots. A cultivation application of Lorsban 75WG may be made in addition to an at-planting application of Lorsban 15G insecticide.
8. Lorsban 75WG may also be applied through sprinkler irrigation systems at the rate of 1.33 lb per acre to control **corn rootworm larvae**. Time application to coincide with the appearance of the second instar larvae. Apply with enough water to wet the root zone to the depth control needed. If soils are wet, allow enough soil drying to occur such that an application using a minimum amount of water will not produce surface runoff. See Chemigation (Sprinkler Irrigation) section in the product label for application instructions.
9. Do not use Lorsban 75WG in combination with a burndown herbicide for control of common stalk borer. For **common stalk borer** control, treat approximately 11 days after application of glyphosate or after burndown with paraquat herbicide is complete (3 to 5 days).

Specific Use Restrictions:

- **Worker Restricted Entry Interval:** Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours unless PPE required for early entry is worn.
- **Preharvest Interval:** Do not apply within 21 days before harvest of grain or ears.
- Do not allow meat or dairy animals to graze in treated areas nor harvest treated corn silage as feed for meat or dairy animals within 14 days after last treatment.
- Do not make more than 2 applications of Lorsban 75WG per season or apply more than 2 lb of Lorsban 75WG per acre per season.
- Do not make more than 3 applications of any product containing chlorpyrifos per season, including the maximum allowed of 2 granular applications.
- Do not apply more than a total of 3 lb ai chlorpyrifos per acre per season.
- Do not make a second application of Lorsban 75WG or other product containing chlorpyrifos within 10 days of the first application.
- Maximum single application rate for postemergence application is 1.3 lb of Lorsban 75WG (1 lb ai chlorpyrifos) per acre.
- If more than 1 lb ai granular chlorpyrifos per acre is applied at-plant (for a maximum of 1.3 lb ai per acre per season), only 1 additional application of a liquid product containing chlorpyrifos at 1 lb ai per acre is allowed per season, for a total of 2.3 lb ai chlorpyrifos per acre per season.

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EPA accepted: __/__/__

Initial printing.