

74921-2

6-26-2007

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Kenneth D. Racke, Ph.D.
Regulatory Manager
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

JUN 26 2007

SUBJECT: Application for Pesticide Notification – Copied Corn Use Directions from Main Label
Prolex™
EPA Reg. No. 74921-2
Application Dated May 7, 2007

Dear Dr. Racke:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please contact me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Pytech Chemicals GmBH/74921 ²	2. EPA Product Manager George T. LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Pytech Chemicals GmBH/Prolex	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Change by notification: 1. Copied use directions for corn from main label to supplemental labeling.

NOTIFICATION

JUN 26 2007

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container		<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Kenneth D. Racke, Ph.D.		Title Regulatory Leader	
		Telephone No. (Include Area Code) (317) 337-4654 (fax: 317-337-4649)	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Eater Application Received (Stamped)
2. Signature 		3. Title Regulatory Leader	
4. Typed Name Kenneth D. Racke, Ph.D. (kracke@dow.com)		5. Date May 7, 2007	



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Pytech Chemicals GmbH/74921-2	2. EPA Product Manager George T. LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Pytech Chemicals GmbH/Prolex	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

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JUN 26 2007

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* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
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Section - IV

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Name Kenneth D. Racke		Title Regulatory Manager	
		Telephone No. (Include Area Code) (317) 337-4654	
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2. Signature 		3. Title Regulatory Manager	
4. Typed Name Kenneth D. Racke, Ph.D. (dracke@dow.com)		5. Date May 7, 2007	

308/2E
May 7, 2007



Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U. S. Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

NOTIFICATION

JUN 26 2007

PROLEX (A.I. GAMMA-CYHALOTHRIN)
EPA REGISTRATION NUMBER: 74921-2
NOTIFICATION OF MINOR LABEL CHANGE PER PR NOTICE 98-10

On behalf of Pytech Chemicals GmbH, enclosed please find supplemental labeling for the notification action of ProlexTM insecticide. The following change has been made by notification:

1. Copied use directions for corn from main label to supplemental labeling.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Contents of Submission

- Transmittal document (this letter)
- Application for Pesticide, EPA Form 8570-1 with attached Registration Notes
- Label entitled Prolex (B1B/Prolex/Sec 3 Supp Corn Notif/05-07-07) (4 Pages plus Registration Notes) (5 Copies)

If you require further information, please contact Cindy Loy, Regulatory Specialist at (317) 337-4655 or Joyce Carroll, Registration Assistant for this product, at (317) 337-4631.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kenneth D. Racke".

Kenneth D. Racke, Ph.D.
Regulatory Leader
Authorized Agent of Pytech Chemicals, GmbH
(317) 337-4654
(317) 337-4649 (FAX)

Enclosures

308/2E
May 7, 2007



Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U. S. Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

NOTIFICATION

JUN 26 2007

PROLEX (A.I. GAMMA-CYHALOTHRIN) 2
EPA REGISTRATION NUMBER: 74921-8
NOTIFICATION OF MINOR LABEL CHANGE PER PR NOTICE 98-10

On behalf of Pytech Chemicals GmbH, enclosed please find supplemental labeling for the notification action of Prolex™ insecticide. The following change has been made by notification:

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If you require further information, please contact Cindy Loy, Regulatory Specialist at (317) 337-4655 or Joyce Carroll, Registration Assistant for this product, at (317) 337-4631.

Sincerely,

A handwritten signature in cursive script, appearing to read "Cindy Loy" or "Kenneth Racke", written over a horizontal line.

Kenneth D. Racke, Ph.D.
Regulatory Leader
Authorized Agent of Pytech Chemicals, GmbH
(317) 337-4654
(317) 337-4649 (FAX)

Enclosures

NOTIFICATION

JUN 26 2007

Prolex™

EPA Reg. No. 74921-2

Source Section 3 supplemental labeling text based on EPA-accepted text of main label dated September 26, 2005.

Change by notification:

1. Copied use directions for corn from main label to supplemental labeling.

™Trademark of Pytech

Supplemental Labeling

NOTIFICATION

JUN 26 2007

Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Restricted Use Pesticide

Due to toxicity to fish and aquatic organisms.

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

Prolex™

EPA Reg. No. 74921-2

Control of Insects Infesting Corn (Field, Pop, Seed, Sweet)

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 Prolex™ insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Prolex according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Prolex.

Directions for Use

Refer to product label for General Use Precautions and Restrictions, Mixing and Application instructions.

At Plant Soil Application

Field Corn, Popcorn, Seed Corn, Sweet Corn

Note: Numbers in parentheses refer to footnotes below table.

Target Pests	Rate	
corn rootworm larvae	0.0025 lb ai per	0.26 fl oz per
Mexican	1000 ft of row †	1000 ft of row †
northern		
southern		
western		
cutworm spp.		
lesser cornstalk borer		
red imported fire ant (1)		
seedcorn beetle		
seedcorn maggot		
white grub spp.		
wireworm spp. (1)		

† Suppression only.

Remarks:

- **Banded Applications:** Apply at planting as a 5 to 7 inch T-band sprayed across the open seed furrow between the furrow opener and the press wheel or as a band application behind the press wheel.
- **In-Furrow Applications:** Apply into the seed furrow through spray nozzles or microtubes, behind the planter furrow opener and in front of the press wheel.
- Apply a minimum spray volume of 3 gallons per acre.
- **Pre-harvest Interval:** Do not harvest or graze livestock or cut treated crops for feed within 21 days of at plant application.
- **Do not** apply more than 0.045 lb active ingredient (0.29 pint) per acre per crop at plant. For field corn, popcorn, and seed corn, **do not** apply more than 0.06 lb active ingredient per acre per crop from at

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plant and foliar applications. For sweet corn, **do not** apply more than 0.24 lb active ingredient per acre per crop from at plant and foliar applications.

† Fluid Ounces and Pounds Active Ingredient per Acre of Prolex Applied at 0.66 fl oz per 1000 ft of Row for Various Row Spacings						
Row spacing	40"	38"	36"	34"	32"	30"
Linear ft/acre	13,068	13,756	14,520	15,374	16,335	17,424
Fl oz/acre	3.4	3.6	3.8	4.0	4.3	4.6
Lb ai/acre	0.034	0.035	0.037	0.040	0.042	0.045

Foliar Application		
Field Corn, Popcorn, Seed Corn		
Note: Numbers in parentheses refer to footnotes below table.		
Target Pests	Rate	
	(lb ai/acre)	(fl oz/acre)
corn earworm (1) cutworm spp. green cloverworm meadow spittlebug western bean cutworm (1)	0.0075 - 0.0125	0.77 - 1.28
armyworm (2) bean leaf beetle cereal leaf beetle corn leaf aphid (3) English grain aphid (3) European corn borer (1) fall armyworm (2) flea beetle spp. grasshopper spp. hop vine borer (1) Japanese beetle (adult) lesser cornstalk borer (1) Mexican corn rootworm beetle (adult) northern corn rootworm beetle (adult) oat bird-cherry aphid (3) sap beetle (adult) southern corn rootworm beetle (adult) southwestern corn borer (1) stalk borer (1) stink bug spp. tobacco budworm (1) (4) webworm spp. western corn rootworm beetle (adult) yellowstriped armyworm (2)	0.01 - 0.015	1.02 - 1.54
beet armyworm (2) (4) chinch bug greenbug (3) (4) Mexican rice borer (1) rice stalk borer (1) southern corn leaf beetle (3) sugarcane borer (1)	0.015	1.54

¹ For control before larvae bore into the plant stalk or ear.

² Use higher rates for large larvae.

³ Suppression only.

⁴ See resistance statement under General Use Precautions and Restrictions.

Remarks:

- Apply as required by scouting, or locally prescribed corn growth stages, usually at intervals of 7 days or more. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds or other locally recommended methods.
- Apply with ground or air equipment, using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in a minimum of 2 gallons of water per acre.
- For chinch bug control, begin applications when bugs migrate from small grains or grass weeds to small corn. Direct spray to the base of corn plants. Repeat applications at 3- to 5-day intervals if needed. Prolex may only suppress heavy infestations and/or subsequent migrations.
- For control of adult corn rootworm beetles (*Diabrotica* species) as part of an aerial-applied corn rootworm control program, use upper end of rate range at 1.54 fl oz per acre (0.015 lb active ingredient per acre).
- **Do not** allow livestock to graze in treated areas or harvest treated corn forage as food for meat or dairy animals within 1 day after last treatment. **Do not** feed treated corn fodder or silage to meat or dairy animals within 21 days after the last treatment.
- **Do not** apply more than 0.06 lb active ingredient (0.38 pint) per acre per crop from at plant and foliar applications.
- **Do not** apply more than 0.03 lb active ingredient (0.19 pint) after silk initiation. **Do not** apply more than 0.015 lb active ingredient (0.096 pint) after corn has reached the milk stage (yellow kernels with milky fluid).
- **Preharvest Interval: Do not** apply within 21 days of harvest.

Foliar Application		
Sweet Corn		
Note: Numbers in parentheses refer to footnotes below table.		
Target Pests	Rate	
	(lb ai/acre)	(fl oz/acre)
aphid spp. (2) (3)	0.01 - 0.015	1.02 - 1.54
aster leafhopper		
beet armyworm (1) (3)		
chinch bug		
common cornstalk borer		
corn earworm		
cutworm spp.		
European corn borer		
fall armyworm (1)		
flea beetle spp.		
grasshopper spp.		
Japanese beetle (adult)		
Mexican corn rootworm beetle (adult)		
northern corn rootworm beetle (adult)		
sap beetle (adult)		
southern armyworm (1)		
southern corn rootworm beetle (adult)		
southwestern corn borer		
spider mite spp. (2)		
stink bug spp.		
tarnished plant bug		
webworm spp.		
western bean cutworm		
western corn rootworm beetle (adult)		
yellowstriped armyworm (1)		
corn silkfly (adult) (2)	0.015	1.54

¹ Use higher rates for large larvae.

² Suppression only.

³ See resistance statement under General Use Precautions and Restrictions.

Remarks:

- Apply as required by scouting, or locally prescribed corn growth stages, usually at intervals of 4 days or more. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds or other locally recommended methods and should be targeted for control before insects enter the stalk or ear.
- Apply with ground or air equipment, using sufficient water and application methods to obtain full coverage of foliage and ears (if present). When applying by air, apply in a minimum of 2 gallons of water per acre.
- For control of adult corn rootworm beetles (*Diabrotica* species) as part of an aerial-applied corn rootworm control program, use a minimum of 1.28 fl oz per acre (0.0125 lb active ingredient per acre).
- **Do not** allow livestock to graze in treated areas or harvest treated corn forage as food for meat or dairy animals within 1 day after last treatment. **Do not** feed treated corn fodder or silage to meat or dairy animals within 21 days after the last treatment.
- **Do not** apply more than 0.24 lb active ingredient (1.54 pints) per acre per crop from at plant and foliar applications.
- **Preharvest Interval: Do not** apply within 1 day of harvest.

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R005-006

EPA accepted 09/26/05

Initial printing.