

62719-375

07-24-2009

116



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Raymond S. Brinkmeyer, Ph.D.
Product Registration
Dow AgroScience LLC
9330 Zionsville Road
Indianapolis, IN 46268

JUL 24 2009

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request Direction for Use Changes (Artichoke)
EPA Reg. No. 62719-375
Application Dated June 25, 2009

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 06/25/09 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 action(s) 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 call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

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

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Dow AgroSciences/62719-375	2. EPA Product Manager Shaja B. Joyner	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dow AgroSciences/Quintec	PM# 20	
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. <u>NOTIFICATION</u> Product Name <u>JUL 24 2009</u>	

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.)

This notification is consistent with the provisions of PR Notice 98-10 and PR Notice 2008-1 and EPA regulations at 40 CFR 156.10, 40 CFR 156.80 and 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 PR Notice 2008-1 and 40 CFR 156.10, 40 CFR 156.80 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.

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	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container	<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 Raymond S. Brinkmeyer, Ph.D.	Title Regulatory Manager	Telephone No. (Include Area Code) (317) 337-4694 (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. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Manager	
4. Typed Name Raymond S. Brinkmeyer, Ph.D. (rsbrinkmeyer@dow.com)	5. Date June 25, 2009	

Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268-1054



308/2E
June 25, 2009

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

QUINTEC (A.I. QUINOXYFEN)
EPA REGISTRATION NUMBER: 62719-375
NOTIFICATION OF MINOR LABEL CHANGE PER PR NOTICE 98-10

Enclosed please find supplemental labeling for the notification action of Quintec® fungicide. The following change has been made by notification:

- 1. Copied use directions for artichoke from main label onto supplemental label. Artichoke is a new use that was added to the main label. Copying the use directions for artichoke onto a supplemental label enables the registered product produced prior to the product with the new use added to be used on artichoke. The supplemental label language is identical to the language stamped "approved" by EPA on the full section 3 label.

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
- Supplemental label entitled Quintec (T6S/Quintec/Sec 3 Supp Artichoke MSTR Notif/06-25-09) (2 Pages plus Registration Notes) (5 Copies)

If you require further information, please contact Cindy Loy, Regulatory Specialist at (317) 337-4655 or Kim Williamson, Registration Assistant for this product, at (317) 337-4657.

Sincerely,

Raymond S. Brinkmeyer, Ph.D.
Regulatory Leader
(317) 337-4694
(317) 337-4649 (FAX)

Enclosures

Quintec[®]

EPA Reg. No. 62719-375

Registration Notes:

Source Section 3 supplemental labeling based on EPA-accepted copy of the main label dated June 12, 2009.

Change by notification:

1. Copied use directions for artichoke from main label onto supplemental label. Artichoke is a new use that was added to the main label. Copying the use directions for artichoke onto a supplemental label enables the registered product produced prior to the product with the new use added to be used on artichoke. The supplemental label language is identical to the language stamped "approved" by EPA on the full section 3 label.

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Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Quintec®

EPA Reg. No. 62719-375

Control of Powdery Mildew on Artichoke

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

Directions for Use

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

Disease	Re-Treatment Interval (Days)	Rate of Quintec (fl oz/acre) ¹
powdery mildew (<i>Erysiphe cichoracearum</i>)	6 - 7	8
	10 - 14	4 - 6

¹When applied as a dilute spray, maintain the per acre use rate.

Apply uniformly in a minimum spray volume of 30 gallons per acre that assures thorough coverage of the crop. Disease control may be reduced at low spray volumes or if spray coverage is inadequate.

Application Timing

Apply Quintec before visible symptoms of powdery mildew appear. Quintec will not control latent or established infections of powdery mildew. If powdery mildew infection is established, Quintec should be applied in tank mix combination with a curative fungicide or following application of a curative spray or, if multiple diseases are present, following application of a broad-spectrum fungicide. Under low disease conditions (as per a predictive modeling system), minimum label use rates per application can be used. Maximum label rates and short application intervals are recommended for severe or threatening disease conditions.

Disease Resistance Management

The number of sprays of Quintec per crop must not exceed 50% of the total number of powdery mildew sprays. Quintec is in mode of action Group 13. Alternation with other modes of action is recommended after each application of Quintec. When more than one application of Quintec is made per crop, at least one of the applications of Quintec must be a tank mixture with a product that is effective on powdery mildew and has a mode of action different from Quintec. Apply the alternate product or tank mix within 14 days of applying Quintec. Do not make more than two consecutive applications of Quintec.

Specific Use Restrictions:

- **Preharvest Interval:** None
- **Maximum Application Rate:** Do not apply more than 32 fl oz of Quintec per acre per calendar year.
- Do not make more than two consecutive applications of Quintec.

4/6

- Do not aerially apply this product.
- It is recommended to alternate Quintec with a product with a different mode of action after each application of Quintec. Apply the alternate product within 14 days of applying Quintec.
- When more than one application of Quintec is made per crop, at least one of the applications of Quintec must be a tank mixture with a product that is effective on powdery mildew and has a different mode of action than Quintec.
- Carefully inspect the crop several days after each application of Quintec and at regular intervals during crop development. Under certain environmental conditions, Quintec may cause leaf spotting and chlorosis. If these symptoms occur after applying Quintec, discontinue its use.
- Do not graze or harvest forage from cover crops within areas treated with Quintec.
- **Chemigation:** Do not apply this product through any type of irrigation system.

Rotational Crop Restrictions

The following rotational crops may be planted at intervals defined below following the final application of Quintec. **Note:** The 30-day re-planting interval for the listed crops supercedes the previous re-planting interval of 12 months.

Crops	Re-Planting Interval
registered crops	no restrictions
<i>Brassica</i> (cole) leafy vegetables (crop group 5) ¹ cucurbit vegetables (crop group 9) ² fruiting vegetables (crop group 8) ³ and okra leafy vegetables (crop group 4) ⁴ root and tuber vegetables (crop group 1) ⁵ sunflower	30 days
all other crops grown for food or feed	12 months

¹ *Brassica* (cole) leafy vegetables including broccoli, broccoli raab, Brussels sprouts, cabbage, cauliflower, cavalo broccolo, Chinese broccoli (gai lon), Chinese cabbage (bok choy), Chinese cabbage (napa), Chinese mustard cabbage (gai choy), collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, rape greens, white flowering broccoli.

² Cucurbit vegetables including acorn squash, balsam apple, balsam pear, bitter melon, butternut squash, calabaza, cantaloupe, casaba, chayote, Chinese cucumber, Chinese okra, Chinese preserving melon, Chinese waxgourd, citron melon, crenshaw melon, crookneck squash, cucumber, cucuzza, edible gourd, gherkin, golden pershaw melon, hechima, honey balls, honeydew melon, hubbard squash, hyotan, mango melon, muskmelon, Persian melon, pineapple melon, pumpkin, Santa Claus melon, scallop squash, snake melon, spaghetti squash, straightneck squash, summer squash, true cantaloupe, vegetable marrow, watermelon, winter squash, zucchini.

³ Fruiting vegetables including bell pepper, chili pepper, cooking pepper, eggplant, groundcherry, hot pepper, pepino, pepper, pimento, sweet pepper, tomatillo, tomato.

⁴ Leafy vegetables including amaranth, arugula, cardoon, celery, celtuce, chervil, Chinese celery, Chinese spinach, corn salad, dandelion, dock (sorrel), edible-leaved chrysanthemum, endive (escarole), Florence fennel (finocchio), garden cress, garden purslane, garland chrysanthemum, head lettuce, leaf lettuce, leafy amaranth, New Zealand spinach, orach, parsley, radicchio (red chicory), rhubarb, spinach, fennel, Swiss chard, tampala, upland cress, vine spinach, winter cress, winter purslane, yellow rocket.

⁵ Root and tuber vegetables including arracacha, arrowroot, bitter cassava, black salsify, carrot, celeriac (celery root), chayote (root), chicory, Chinese artichoke, chufa, dasheen (taro), edible burdock, edible canna, garden beet, ginger, ginseng, horseradish, Jerusalem artichoke, leren, oriental radish (daikon), parsnip, potato, radish, rutabaga, salsify (oyster plant), skirret, Spanish salsify, sugar beet, sweet cassava, sweet potato, tanier, true, yam, turmeric, turnip, turnip-rooted chervil, turnip-rooted parsley, yam bean.

Note: This product is toxic to fish and aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

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R136-023
EPA accepted 06/12/09
Initial printing.

NOTIFICATION

JUL 24 2009