

2724-420

4/18/2007

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APR 18 2007  
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Nancy Huebl  
Wellmark International  
1501 East Woodfield Rd., Suite 200W  
Schaumburg, IL 60173

**RE: Wellmark International/ Zoecon RF-329 Ant Growth Regulator  
EPA Reg. No. 2724-420  
Notification to add alternate brand name: Tango  
Application dated: 3 April 2007**

Dear Ms. Huebl:

BPPD is in receipt of your application for Notification under 98-10 dated 3 April 2007 for the product Zoecon RF-329 Ant Growth Regulator (EPA Reg. No. 2724-420). BPPD has conducted a preliminary screen 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. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received, but not reviewed" and will be placed accordingly in our records.

Questions concerning this action should be directed to Mari Duggard at 703-308-0028 or email at [duggard.mari@epa.gov](mailto:duggard.mari@epa.gov).

Sincerely,

*Linda A. Hollis*

Linda A. Hollis, Chief  
Biochemical Pesticides Branch  
Biopesticides and Pollution Prevention Division  
(7511P)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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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 Wellmark International/2724-420	2. EPA Product Manager Roger Gardner	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Wellmark International/Zoecon RF-329 Ant Growth Regulator	PM # Biopesticides	
5. Name and Address of Applicant / Registrant (Include ZIP Code) Wellmark International 1501 East Woodfield Road, Suite 200W Schaumburg, Illinois 60173	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 _____	
<input type="checkbox"/> Check if this is a new address		

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated <u>October 25, 2006</u>
<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.)

Notification of alternate brand name: Tango  
 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.

Section - III

1. Material This Product Will be Packaged In:			2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
			<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
			<input type="checkbox"/> Other (Specify)	
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Unit Packaging wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container	4. Size(s) Retail Container 1 liter-20 gallons	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Label Accompanying Product	6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Nancy Huebl	Title Sr. Registration Specialist	Telephone No. (Include Area Code) 847-330-5376
<b>Certification</b> 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 statements may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <b>(Stamped)</b>
2. Signature <i>Nancy Huebl</i>	3. Title Sr. Registration Specialist	
4. Typed Name Nancy Huebl	5. Date 03-Apr-07	

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**Wellmark International**  
1501 East Woodfield Road, Suite 200 West  
Schaumburg, Illinois 60173  
847 330 5300  
www.wellmarkinternational.com

# Wellmark

April 3, 2007

Document Processing Desk (NOTIF/FPL)  
Office of Pesticide Programs 7504P  
U.S. Environmental Protection Agency  
Room S-4900 One Potomac Yard  
2777 South Crystal Drive  
Arlington, Virginia 22202-4501

ATTENTION: Mari Duggard, BPPD

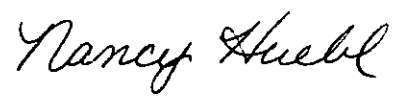
SUBJECT: PER PRN 98-10 NOTIFICATION OF ALTERNATE BRAND NAME AND  
SUBMISSION OF FINAL PRINTED LABELING PER EPA LETTER DATED 10/25/06  
FOR ZOËCON® RF-329 ANT GROWTH REGULATOR/EPA REG. NO. 2724-420

Dear Ms. Duggard:

Enclosed is a completed EPA Form 8570-1 and 5 copies of final printed labeling for the above product per the October 25, 2006 EPA label approval letter. This submission will also serve as notification of the alternate brand name: Tango™.

If you have any questions or if I can provide any further assistance, please, call me directly at 847/330-5376. Thank you for your assistance in this matter.

Yours sincerely,  
WELLMARK INTERNATIONAL



Nancy Huebl  
Sr. Registration Specialist  
[nhuebl@central.com](mailto:nhuebl@central.com)

enclosure

cc: C. Elmi/J. Flegeau



**AN ANT GROWTH REGULATOR FOR CONTROL OF  
PROTEIN AND SUGAR FEEDING ANTS INCLUDING  
ARGENTINE AND PHARAOH ANTS**

A liquid concentrate for use in refillable bait stations that controls ants in agricultural crops and structures by sterilizing egg-laying queens and preventing larval development

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
See back panel for additional precautions

**NET CONTENTS: 2.5 GAL**

<b>ACTIVE INGREDIENT:</b>	
(S)-Methoprene (CAS #65733-16-6)	4.9%
<b>OTHER INGREDIENTS:</b>	95.1%
<b>Total</b>	<b>100.0%</b>

This product contains 0.4 pounds/gallon (48 grams/liter) (S)-methoprene active ingredient  
**XXXXX**



**PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION**  
 Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

**Personal Protective Equipment (PPE):**  
 Applicators and other handlers must wear:  
 • Long-sleeved shirt and long pants • Shoes plus socks • Chemical-resistant gloves

Follow manufacturer's instructions for cleaning and 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. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**FIRST AID**  
 Call a poison control center or doctor for treatment advice.

**If in eyes** • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**If on skin** • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

**ENVIRONMENTAL HAZARD** – Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

**DIRECTIONS FOR USE** – It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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 4 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 • Chemical resistant gloves (made of any waterproof material) • Shoes plus socks

**GENERAL INFORMATION** – TANGO™ is a concentrated product to be mixed and diluted with a bait matrix for use in the control of ants. TANGO contains an insect growth regulator (IGR) which acts on ant colonies by sterilizing egg-laying queens and preventing larval development. When foraging, worker ants bring treated bait back to the colony, the IGR is spread throughout the colony and is fed to the queen and larvae, which results in sterile eggs and prevents larvae from becoming adult workers. IGR's work slower than conventional products which provides a direct ant kill. Though slower in action, control is complete without the concern for rebounding or movement of the colony to another location. Reduction in colony size can be seen beginning at three weeks. When existing workers die, replacement workers are not produced, resulting in starvation and elimination of the queen and colony.

Some ant species colonies, such as the Argentine ant, can be quite large and it is important that a continuous supply of treated bait be available. Monitor bait stations frequently to assess bait consumption and ant activity at the bait stations.

**APPLICATION SITES:**

**Outdoor Use** – Use TANGO in, but not limited to, the following areas:

- Table grape vineyards
- Wine grape vineyards
- Almond and other nut groves
- Citrus groves
- Commercial nurseries including field grown and container stock
- Non-bearing and bearing fruit crops
- Row crops
- Residential turf and landscapes
- Perimeter areas of buildings, homes, sheds, kennels, barns, poultry houses, swine operations, dairies, and other areas where ants are a problem.

**Indoor Use** – Use TANGO to treat indoor ant infestations in these and other areas where ants are a problem.

- Homes
- Restaurants
- Taverns
- Food Service
- Hospitals
- Apartments
- Buildings
- Barns, poultry houses, dairies, swine operations
- Warehouses, food preparation and processing facilities

**TREATMENT PROCEDURE AND BAITING INTENSITY**

**Indoor and outdoor perimeter applications:** The number of bait placements per area will vary with the intensity of infestation. For indoor and outdoor perimeter uses against Pharaoh ants and small colonies of Argentine ants, the average baiting intensity is one bait placement per 3m<sup>2</sup> (27 sq ft). Ensure that all infested areas are thoroughly baited. The amount of bait to use will vary with species and whether a liquid or solid bait is presented. For solid baits, use 1 – 2 grams of bait per location or 1– 2 fluid ounces of liquid per location.

**Outdoor applications:** For baiting in vineyards, orchards, or other crop and non-crop areas  
**Sweet or liquid feeding ants:** Use bait stations that can hold 250 ml or more of liquid bait for large sweet feeding or liquid feeding ant colonies. Argentine ant colonies can be especially large so it is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement, monitor the bait stations and ant populations and replenish bait mixture as needed.

Ant pressure and intensity can vary between locations; contact local extension or university personnel to determine appropriate bait station placement and density.

**Protein feeding ants:** Apply bait in bait stations and place in locations of ant activity. It is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement, monitor the bait stations and ant populations and replenish bait mixture as needed.

Ant pressure and intensity can vary between locations, contact local extension or university personnel to determine appropriate bait station placement and density.

**Bait Preparation** – Thoroughly mix TANGO with the required amount of bait as determined by the following table to attain a bait matrix containing 0.25% S-methoprene.

AMOUNT OF BAIT NEEDED	REQUIRED AMOUNT OF TANGO
Six ounces	0.3 fl oz (9 ml)
1 gallon	6 fl oz (177 ml)
2½ gallons	16 fl oz (473 ml)
5 gallons	30 fl oz (887 ml)
10 gallons	60 fl oz (1,774 ml) (1.8 L)
20 gallons	120 fl oz (3,549 ml)(3.55 L)

Ant food preferences can be variable and can change during the year, in general, provide sweet baits for ants such as Argentine ants that prefer sweet foods such as honeydew and nectar. For ants such as Pharaoh ants that primarily feed on proteins, provide a protein-based bait such as peanut butter or powdered liver. Pre-baiting the area with different foods can provide direction for the most optimal bait choice to begin a baiting program.

**STORAGE and DISPOSAL** – Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store in a cool area away from children. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For information or in case of an emergency, call 1-800-248-7763.

Seller makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use and handling of this material when such use and handling are contrary to label instructions.

EPA REG. No. 2724-420  
 EP: Est. No. 2724-TX-1

Made in USA TANGO and the TANGO logo are trademarks of Wellmark International.

**Wellmark International**  
 Schaumburg, IL 60173

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