

(A) EPA United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OP# Identifier Number 164562
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Section I

1. Company/Product Number 45728-12	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ziram Granuflo	EPA Reg. No. 493-2380	Product Name
5. Name and Address of Applicant (Include ZIP Code) UCB Chemicals Corporation 5505-A Robin Hood Road Norfolk, VA 23513 <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:

Section II

<input checked="" type="checkbox"/> Amendment - Explain below <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - explain below.
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Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Amendment to meet requirements for revised wetlands statement under PR Notice 93-3.

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-3
 DATE 7/12/93

Section III

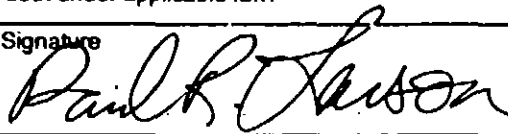
1. Material This Product Will Be Package / In:				2. Type of Container	
Child Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
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 Paul R. Larson	Title Manager, Regulatory Affairs and Tech. Services	Telephone No. (Include Area Code) 804 857-8610
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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 Manager, Regulatory Affairs and Tech. Services	BEST AVAILABLE COPY
4. Typed Name Paul R. Larson	5. Date 7/08/93	

new label

Net Weight

297

Ziram Granuflo[®]

Fungicide

(Original 76% Water Dispersible Granules)

EPA Reg. No. 45728-12 EPA Est. 32557-BL-1

Active Ingredient:

Ziram (zinc dimethyl dithiocarbamate) . . . 76.0%

Inert Ingredients: 24.0%

Total 100.0%

Zinc expressed as metallic. 16.25%

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and immediately flush eyes with a steady stream of water for at least 15 minutes. Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

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. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Remove contaminated clothing. Wash thoroughly with plenty of soap and water. Get medical attention.

In case of emergency, immediately call (24 hours) 800/424-8300 CHEMTREC or 804/857-8615 UCB Chemicals Corporation.

See Other Panels for Additional Precautionary Statements.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. May be fatal if inhaled. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Do not breathe dust or spray mist. Wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration, and the National Institute for Occupational Safety and Health. Harmful if swallowed or absorbed through the skin. May cause irritation of nose and throat. Wash thoroughly with soap and water after handling. Remove and separately launder clothing before reuse. May cause skin sensitization reactions in certain individuals.

Environmental Hazards

This product is toxic to fish and wildlife. For terrestrial uses, 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 apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

Physical or Chemical Hazards

Keep away from fire and sparks.

Read entire label carefully and use only as directed.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Re-entry and Worker Protection Statements

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Protective clothing means, at least, a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall-type garment (all of closely woven fabric covering the body, including the arms and legs); shoes and socks. Wash hands and exposed skin thoroughly after handling and before eating drinking or smoking. Remove any contaminated clothing and launder before re-use.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

**NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-6**

DATE 7/12/93

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**UCB Chemicals Corporation
Norfolk, Virginia 23513**

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

DANGER

Areas treated with Ziram Granuflor on (insert date). Do not enter without appropriate protective clothing until sprays have dried (insert State Department of Agriculture's re-entry interval if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

General Use Information

Ziram Granuflor is a broad spectrum fungicide for the control of certain diseases in fruit and nut crops, and ornamentals.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.

Application Equipment and Rates

Use the recommended rates for concentrate, dilute and aerial applications. Ground application is preferred, especially when full canopy of foliage is developed.

Be sure spray equipment is clean before use; if it is contaminated with any material, crop injury or sprayer clogging may result. Calibrate spray equipment before use.

For deciduous fruits, almonds, and pecans, apply the recommended rate in a minimum of 50 gallons per acre by ground. By air, use 20 gallons per acre, or sufficient water to provide complete coverage.

Under low disease conditions, minimum label rates per application can be used while maximum label rates and shortened spray schedules are recommended for severe or threatening disease conditions.

CHEMIGATION: Do not apply this product through any type of irrigation system.

Mixing Instructions

Wear rubber gloves, long sleeves, and eye protection when mixing and loading this product into spray equipment.

To mix, fill the spray tank about 2/3 full of water and, with agitator running, slowly sift in the required amount of Ziram Granuflor. Finish filling the tank with water and let mixing continue in the tank until thoroughly mixed before applying. Continue agitation and apply immediately.

IMPORTANT: When spraying, thorough coverage is necessary to provide good disease control. Make new dilutions for each spraying. Consult State Agricultural Experiment Station recommendations or State Extension Service Specialist for spray schedules for timing and frequency of applications in your area.

Recommendations

ALMONDS: Brown Rot Blossom and Twig Blight, Shot-Hole (Coryneum Blight), Leaf Blight - Use 8 pounds per acre in pre-bloom, blossom and petal fall periods. Scab - Use 8 pounds per acre at petal fall and 5 weeks after petal fall. Do not use later than 5 weeks after petal fall.

APPLES: Scab - Use 6 to 8 pounds per acre in pre-blossom, blossom and early cover stages. Bull's Eye Rot (Oregon and Washington) - Use 6 to 8 pounds per acre beginning 12 to 14 days after calyx stage and repeat as necessary in summer sprays. Perennial Canker (Oregon) - Use 6 to 8 pounds per acre in pre-blossom and calyx sprays.

APRICOTS: Brown Rot Blossom and Twig Blight, Shot-Hole (Coryneum Blight) - Use 2 pounds per acre in pre-bloom, blossom and petal fall through early cover sprays.

CHERRIES: Brown Rot, Blossom Blight - Use 4 to 5 pounds per acre in popcorn, full blossom, petal fall and shuck stages and approximately 2 weeks after shuck fall. Do not apply within 7 days of harvest.

CONIFERS: Fusiform Rust in Pine Seedlings - Use 2 lbs. per 100 gallons of water at 3 to 5-day intervals from plant emergence to mid-June. NOT for use in CALIFORNIA.

Melampsora Needle Rust in Douglas Fir Christmas Trees - Use 2 pounds per 100 gallons of water. Make a single application in the spring when new shoot growth is 1/2 to 2 inches in length.

Puccineastrum Needle Rust in Shasta Fir Christmas Trees - Use 2 lbs. per 100 gallons of water. Make a single application in the spring when new shoot growth is 1/2 to 2 inches in length.

NECTARINES, PEACHES: Peach Blight (Coryneum) and Leaf Curl - Use 8 pounds per acre in the fall before heavy rains. For Leaf Curl only, use 8 pounds per acre as a dormant application prior to bud swell. Brown Rot and Peach Blight (Coryneum) - Use 8 pounds per acre in pre-bloom, blossom and petal fall sprays. May be used in early cover and before harvest. Remove excess residue by washing or wiping.

ORNAMENTALS: Directions, unless otherwise specified, include: Use the specified rate per 100 gallons of water applying at 7 to 10-day intervals during growing season to control the diseases on the ornamentals listed below. NOT for use in CALIFORNIA.

Asters: Rust - Use 1 pound in 12 gallons. Begin application in early season and continue at 7-day intervals until blossoms form.

Azaleas, Camellias: Petal Blight - Use 1-1/2 to 2 pounds. Begin application with first bloom. Repeat at 3 to 5-day intervals through bloom. Apply as a drench to mulch and litter beneath and around bushes.

Carnations, Chrysanthemums, Marigolds, Morning Glory, Snapdragons: Rust - Use 1-2/3 to 2 pounds.

Carnations, Chrysanthemums, Dahlias, Gloriosa, Snapdragons: Leaf Spot - Use 1-2/3 to 2 pounds. Apply at weekly intervals.

Cyclamens, Gardenias: Botrytis, Leaf Spot. Use 1-1/2 to 2 pounds.

Dahlias, Delphinium, Golden Glow, Hollyhocks, Phlox: Powdery Mildew - Use 1-2/3 pounds. Apply at weekly intervals.

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**UCB Chemicals Corporation
Norfolk, Virginia 23513**

Lilies, F. Onions, Poinsettias, Tulips: Botrytis. Use 1-1/2 to 2 pounds.

Roses: Black Spot, Powdery Mildew - Use 1-2/3 pounds. Begin application when leaves unfold. Repeat at 7 to 10-day intervals throughout season.

ORNAMENTAL & ORNAMENTAL FRUIT VARIETIES:
Use 2 to 3 pounds per 100 gallons of water. NOTE: DO NOT USE FRUIT FOR HUMAN CONSUMPTION. NOT for use in CALIFORNIA.

Apricots, Sweet Cherries, Wild Cherries, Choke Cherries, Nectarines, Peaches, Flowering Plums (Non-Edible only), European Laurels, Cherry Laurels, Poplar, Maples, Oak, Birch, Alder, Elm, American Hornbeam, California Buckeye: Shoot and Twig Blight, Shot Hole Fungus, Leaf Curl, Cherry Witches Broom, Plum Pockets, Leaf Blister, Catkin Hypertrophy of Alder - Apply as a thorough coverage spray in the Dormant period prior to Bud Swell.

Apples, Flowering Crab Apples, Mountain Ash, Oregon Crab, Pear, Quince, and Service Berry: Anthracnose - Apply as a thorough coverage spray in the Fall and Dormant periods.

Apples, Peach, Pear, Poplar and Willow: European Canker - Apply as a thorough coverage spray in the Fall and Dormant periods.

PEARS: Scab - Use 6 to 8 pounds per acre in pre-blossom, blossom and early cover sprays. Storage Rot (Oregon) - Use 6 to 8 pounds per acre in pre-harvest spray.

PECANS: Scab - Use 8 pounds per acre applying four times at 3 to 4 week intervals starting when tips of small nuts become brown. Under severe disease conditions, a fifth application in August may be required. DO NOT apply after August. NOT for use in CALIFORNIA.

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Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: UCB makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

Use of Product: UCB's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

U221 07/93V

Granuflo® is a registered trademark of UCB S.A., a Belgian corporation.

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STORAGE AND DISPOSAL

Pesticide Storage

Keep away from fire and sparks.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticide, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call UCB: (804)857-8615.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter, or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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 container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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UCB Chemicals Corporation
Norfolk, Virginia 23513



ucb Chemicals

UCB Chemicals Corporation - 5505-A Robin Hood Road - Norfolk, Virginia 23513

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July 8, 1993

Ms. Joanne Miller, PM-23
U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division
Document Processing Desk (H7505C)
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

RE: Notification of Compliance with PR Notice 93-3
(Ziram Granuflo®, EPA Reg. No. 45728-12)

Dear Ms. Miller:

UCB Chemicals Corporation is submitting our notification compliance with PR Notice 93-3. Under the notification provisions of PR Notice 88-6, UCB is making the following change:

- 1) New wetlands statement per PR Notice 93-3.

If you have any questions, please feel free to contact me at (800) 426-3820.

Sincerely,

Paul R. Larson
Manager, Regulatory Affairs
& Technical Services
Agricultural Products

Enclosures

cc: K. Dusza, UCB

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	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 188751
	Application for Pesticide:		

Section I

1. Company/Product Number 8590-661	2. EPA Product Manager Robert Forrest	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Greenlawn 21-5-7 Fertilizer Plus Oftanol	PM# 14	
5. Name and Address of Applicant (Include ZIP Code) Agway, Inc. P.O. Box 4741 Syracuse, NY 13221 <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.

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-8
 DATE 7/12/93

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

In compliance with PR Notice 93-3, Labeling Statement Prohibiting Application to Water, Agway, Inc. hereby revises its water prohibition statement in the Environmental Hazards section to read: "For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."

Section III

BEST AVAILABLE COPY

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 <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted.		If "Yes," Unit Package wgt. _____	No. per container _____	If "Yes," Package wgt. _____	No. per container _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other (_____) <input 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 Beverly Randall	Title Regulatory Affairs Technician (Agent for Agway, Inc.)	Telephone No. (Include Area Code) 612/854-0800
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 Affairs Technician (c/o Universal Cooperatives)	
4. Typed Name Beverly Randall	5. Date 6/24/93	



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AGWAY INC., FEED & CROPS DIVISION, PO BOX 4741, SYRACUSE, NEW YORK 13221-4741

June 24, 1993

Mr. Robert Forrest (PM 14)
Insecticide-Rodenticide Branch
Office of Pesticide Programs (H7504C)
Environmental Protection Agency
401 M Street S.W.
Washington, D.C. 20460

SUBJECT: Pesticide Regulation Notice 93-3
Greenlawn 21-5-7 Fertilizer With Oftanol
EPA Registration No. 8590-661

In compliance with PR Notice 93-3, Labeling Statement Prohibiting Application to Water, Agway, Inc. hereby revises its water prohibition statement in the Environmental Hazards section to read: "For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."

Enclosed is an Application for Pesticide Notification for the above referenced pesticide registration.

Sincerely,

(Agent for Agway, Inc.)

A handwritten signature in cursive script that reads "Beverly Randall".

Beverly Randall
Regulatory Affairs Technician

Enclosure

c: Bob Ellis
Ron Wright