



829-286

6-6-2003

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See read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0080, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 829-286	2. EPA Product Manager Mary L. Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dithane M-45	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Southern Agricultural Insecticides, Inc. P.O. Box 218 Palmetto, FL 34220 <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

JUN 06 2003

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

Revised Storage and Disposal section per PR Notice 2001-6.

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
* Certification must be submitted		If "Yes" Unit Packaging 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) Retail Container		5. Location of Label Directions	
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 Cynthia Huffman	Title Registrations	Telephone No. (Include Area Code) 941-722-3285
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 <i>Cynthia Huffman</i>	3. Title <i>Registrations</i>	
4. Typed Name Cynthia Huffman	5. Date 5/15/03	

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DITHANE[®] M-45

NOTIFICATION

JUN 06 2003

A BROAD SPECTRUM FUNGICIDE FOR USE ON CERTAIN VEGETABLES AND ORNAMENTALS

ACTIVE INGREDIENT:

A coordination product of zinc ion and manganese Ethylenebisdithiocarbamate... 80%
in which the ingredients are

Manganese++..... 16%
Zinc++..... 2%
Ethylenebisdithiocarbamate ion (C₄H₆N₂S₄)..... 62%



OTHER INGREDIENTS:..... 20%
TOTAL..... 100%

*Dithane M-45 - reg. Trademark of Dow AgroScience

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. 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. Call a poison control center or doctor for treatment advice.

Have product container or label with you when calling a poison control center or doctor or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378

Precautionary Statements

Hazards to Humans and Domestic Animals

Caution: May Be Harmful if absorbed through the skin. May cause irritation of nose, throat, eyes and skin. Do not breathe dust or spray mist. Wash thoroughly after handling. Wash contaminated clothing before reuse. Keep away from food, feedstuffs, and domestic water supplies.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters, or disposing of wastes.

For Questions and Comments please contact us by email at support@southernag.com or through our website at www.southernag.com.

Southern Agricultural Insecticides, Inc.

Palmetto, FL 34220

Hendersonville, NC 28793

Boone, NC 28607

EPA Reg. No. 829-286

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Net Weight: 6 oz. and 2 lbs.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Not for use on plants being grown for sale or other commercial use.

For foliage applications, apply with a hand sprayer to obtain thorough coverage. Make applications when plants are dry and drying conditions are good. Remove residue from sprayed vegetables by washing. On hard to wet plants, such as roses, add a spreader - sticker which has been cleared for use on growing crops, such as SA-50 Brand Spreader - Sticker to the spray mixture.

NOTE: Use LEVEL tablespoonfuls when tablespoonfuls are specified on this label.

NOTE: This product may stain concrete and masonry surfaces.

Restrictions: Foliar Applications: Do not apply this product if other products containing Maneb or Mancozeb or Metiram are used.

ORNAMENTALS:

Neither the manufacturer nor the seller has determined the effects of using DITHANE M-45 fungicide on all ornamental species.

For outdoor or home greenhouse use, apply at 1 1/2 tablespoonfuls per gallon of water using a hand sprayer or hose end sprayer. Do not use these rates on home orchards/fruit trees. Do not use fruit from treated plants listed in this section for food or feed. The only fruits which can be eaten after treatment with this product are bananas, grapes and papayas. Application rates for these three fruits are provided in the 'Fruit' section. The addition of a spreader sticker to spray solutions will improve performance. Begin applications when plants are well leafed out or at first signs of disease. Repeat at 7 to 10 day intervals as long as needed on the following plants for control of listed diseases.

AFRICAN VIOLET: Botrytis blight.

ANTHURIUM: Anthracnose, spadix rot.

ARBORVITAE: Cercospora blight.

ASTER, perennial: Puccinia rusts.

AUCUBA, japonica: Alternaria leaf spot, Anthracnose.

AZALEAS, CAMELLIAS, RHODODENDRONS - Petal blights. Apply 2 to 3 times per week while petals are opening. Direct spray into flowers and spray ground under bushes thoroughly.

BEGONIA: Botrytis blight.

CARNATION: Rust, Septoria leaf spot.

CEDAR, red (Juniper): Cercospora blight, phomopsis blight.

CHRYSANTHEMUM: Ascochyta blight, Botrytis petal spot, Rust, apply twice weekly during blooming period.

CONIFERS: Lophodermium needle cast, Pine gall rust, Scirrhia brown spot, Begin application in spring or early summer before infection occurs. Repeat after heavy rains and at two-week intervals as long as needed.

CORDYLINE: Cercospora leaf spot.

CRAB APPLE (Ornamental): Cedar-apple rust, Scab.

DAHLIA: Botrytis blight.

DIEFFENBACHIA: Leptosphaeria brown spot.

DOGWOOD, FLOWERING: Anthracnose, Elsinoe leaf spot, Septoria leaf spot. Apply when buds begin to open, when BRACTS have fallen, 4 weeks later and again in late summer after flower buds for next season have formed.

DRACAENA: Fusarium leaf spot.

ELM: Black leaf spot.

EUONYMUS: Anthracnose.

FATSIA: Anthracnose.

FERN: Rhizoctonia blight.

FICUS: Cercospora leaf spot.

FIR, Douglas: Swiss needle cast.

FIRETHORN (Pyracantha): Fusicladium scab.

FUCHSIA: Botrytis blight, Rust.

GERANIUM: Rust.

(Ornamentals continued)

GLADIOLUS: Botrytis blossom blight, Curvularia leaf spot, Make regular weekly applications starting before diseases appear and increase to 2 or 3 applications per week during periods of heavy disease and during rainy weather. On flower spikes, reduce spray concentrations to 3/4 tablespoonfulls per gallon.

HAWTHORN: Cedar-apple rust, Fabraea leaf spot, Frogeye leaf spot, Hawthorn rust, Scab.

HOLLY: Purple spot.

HOLLYHOCK: Anthracnose, Cercospora leaf spot, Puccinia rusts.

HONEYSUCKLE: Herpobasidium blight.

IRIS: Didymellina leaf spot.

HORSECHESTNUT, Buckeye: Alternaria leaf spot, Guignardia leaf spot.

HYDRAGEA: Botrytis blight, Cercospora leaf spot.

JUNIPER: Phomopsis blight.

LAUREL, mountain: Cercospora leaf spot, Petal blight, Apply 2 to 3 times per week while petals are opening. Direct spray into flowers and spray ground under bushes thoroughly.

LIGUSTRUM: Cercospora leaf spot.

LILY: Botrytis blight.

MAGNOLIA: Gloeosporium leaf spot.

MAPLE : Alternaria leaf spot, phyllosticta leaf spot
(Do not use on Maples intended for syrup production).

MARIGOLD: Botrytis blossom blight, Do not use on French dwarf double or Signet-type marigold seedlings.)

NARCISSUS: Botrytis blight (fire), Smoulder.

OAK: Actinopelte leaf spot, Taphrina leaf blister.

ORCHID (Dendrobium): Botrytis blossom blight.

PACHYSANDRA: Volutella blight, use a drenching spray of 4 tablespoonsful per 1 gallon of water per 100 sq. ft. of bed. Start applications at first sign of disease and apply at least 5 applications at 10 to 14 day intervals.

PANSY: Anthracnose.

PEONY: Botrytis blossom blight, Phytophthora blight. Apply in early spring and early fall, drenching soil around plants as well as the foliage. Promptly destroy all infected plant parts.

PEPEROMIA: Cercospora leaf spot.

PHILODENDRON: Dactylaria leaf spot, Phytophthora leaf spot.

PHOTINIA: Entomosporium leaf spot.

PLEOMELE: Fusarium leaf spot.

POINSETTIA: Sphaceloma scab.

ROSE: Black spot, Cercospora leaf spot, Rust.

SCHEFFLERA: Alternaria blight.

SKUNKBUSH, SUMAC: Cylindrosporium leaf spot.

SNAPDRAGON: Rust.

STATICE: Cercospora frogeye.

SYNGONIUM: Cephalosporium leaf spot.

TULIP: Botrytis blight (fire).

VENUS, FLYTRAP: Anthracnose.

VIBURNUM: Downy mildew, Ramularia leaf spot.

ZINNIA: Alternaria leaf blight.

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VEGETABLES:

Apply the rates given below at 1 gallon dilute solution per 435 sq. ft.

Corn (Sweet, Popcorn) Common rust, Helminthosporium leaf blight. Use 1 1/2 tablespoonfuls per gallon of water. Start applications when disease first appears and repeat at 4 to 7 day intervals. Do not make more than 15 applications per season East of the Mississippi River and Arkansas and Louisiana. In areas West of the Mississippi River (except Arkansas and Louisiana) do not make more than 5 applications per season. Do not apply within 7 days of harvest. Do not feed treated forage to livestock.

Cucumbers: Anthracnose, Cercospora leaf spot, Downy mildew, Gummy stem blight, Scab; **Melons:*** (Cantaloupe, Casaba, Crenshaw, Honeydew, Muskmelon) Alternaria leaf spot, Anthracnose, Downy mildew, Gummy stem blight; **Watermelons:** Alternaria leaf spot, Anthracnose, Cercospora leaf spot, Downy mildew, Gummy stem blight, Scab; **Summer Squash:** Downy mildew. Use 2-3 tablespoonfuls per gallon of water. Apply to obtain thorough coverage of both upper and lower leaf surfaces. Start applications when plants are in the two-leaf stage and repeat at 7-10 day intervals. Use sufficient water and direct spray to provide thorough coverage of both upper and lower surfaces. Do not make more than 8 applications per season. Do not apply within 5 days of harvest.

*Some cantaloupe varieties (i.e. Harvest Queen, Gold Star, Super Star, Sweet and Early, and Saticoy) are sensitive to Dithane M-45 fungicide. Consult State Cooperative Extension Service Specialist prior to use.

Tomatoes: Anthracnose, Early Blight, Late Blight, Gray Leaf Spot, Leaf Mold, Septoria Leaf Spot. Use 1 1/2 - 3 tablespoonfuls per gallon of water in areas East of the Mississippi River (use 1 1/2 -2 tablespoonfuls West of the Mississippi). Begin applications when seedlings emerge or when transplants are set and repeat at 7 -10 day intervals throughout the season. Do not make more than 7 applications per season in areas East of the Mississippi River or 4 applications West of the Mississippi. Do not apply within 5 days of harvest.

Potatoes: Early Blight, Late Blight. Use 1 - 2 tablespoonfuls per gallon of water. Begin applications when plants are 4 to 6 inches high; and repeat at 5-10 day intervals. Do not make more than 7 applications per season. It is recommended that this product be used within an integrated pest management program. Vine-kill should occur 14 days before harvest. Do not apply within 3 days of harvest in Connecticut, Delaware, Florida, Maine, Massachusetts, Michigan, New Hampshire, New York, Ohio, Pennsylvania, Rhode Island, Vermont and Wisconsin and at least 14 days elsewhere.

FRUIT:

Apply the rates given below at 1 gallon dilute solution per 435 sq. ft. **Apply only to listed fruits.**

BANANAS: Sigatoka. Use 2-3 tablespoonsful per gallon of water. Apply when leaves first appear and repeat every 14 to 21 days or as required. Do not make more than 10 applications per season. Applications may be made up to the day of harvest.

GRAPES: (east of the rocky mountains only) Black Rot, Bunch rot, Dead arm, Downy Mildew. Use 1 1/2 - 4 tablespoonfuls per gallon of water. Do not make more than 6 applications per season. Do not apply within 66 days of harvest.

PAPAYAS: Anthracnose, Phytophthora fruit rot. Use 2-2 1/2 tablespoonfuls per gallon of water. Begin applications at flowering and continue at 14 to 21 day intervals. Direct spray to crown and blossom area. Do not make more than 14 applications per season. Applications may be made up to the day of harvest.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store pesticide in the original container in a locked storage area. Do not allow to become wet or overheated in storage: decomposition, impaired activity, or fire may result.

DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.



Southern Agricultural Insecticides, Inc.

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Office: (828) 692-2233
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Post Office Box 85
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Office: (828) 264-8843
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May 20, 2003

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
US Environmental Protection Agency Room
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

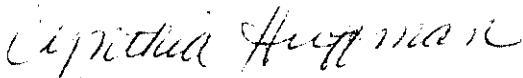
Subject: Notification per PR Notice 2001-6
SA-50 Dithane M-45
EPA Reg. No. 829-286

Enclosed please find EPA Form 8570-6 and five copies of the revised label with the changes highlighted.

I have enlarged the size of type on the submitted revised label for easier reading.

If you need any further information, please contact me at 941-722-3285.

Sincerely,


Cynthia Huffman
Registrations