

## **PLEASE NOTE**

**This image contains more than one label  
approved for this product on this date.**



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

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Raymond Brinkmeyer, Ph.D.  
Regulatory Leader – Regulatory Affairs  
Dow AgroSciences, LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

MAR 3 1 2011

Dear Dr. Brinkmeyer:

SUBJECT: Dithane F-45 Fungicide  
EPA Registration Number 62719-387  
Your submission of February 24, 2005  
New use for almonds  
OPPIN Decision Number D65136

The supplemental label referred to above, submitted in connection with registration under section (3) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable provided that the following revisions are made and that this supplemental label is incorporated into the main label within 18 months or at the next label printing, whichever comes first.

Make the following changes:

1. Move the heading "Disease Control in Almonds" so that it appears immediately above the table with the application rate.
2. Change the product name from "Dithane M45" to "Dithane M45 Fungicide" everywhere it appears on the label.
3. Change the heading of the third column from "Rate per application (lb/acre)" to "Product Rate per application (lb /acre)"
4. In the third column, change the heading from "Remarks (Also Refer to Directions for Use)" to "Application Directions."
5. In the Restrictions column, change the first bullet to "Do not apply more than 18 lb product (14.4 lb active ingredient) per acre."
6. In the Restrictions column, add a fifth bullet "Minimum retreatment interval is 7 days."

Please submit one copy of your final printed supplemental labeling before the product is released for shipment. A stamped copy of the label is enclosed for your records. If you have any questions, please contact Lisa Jones on my team at (703) 308-9424 or [jones.lisa@epa.gov](mailto:jones.lisa@epa.gov).

Sincerely,



Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7504P)

Enclosure: Stamped Supplemental Label

# Supplemental Labeling



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

## Dithane® M45

EPA Reg No. 62719-387

### Directions for Use

#### Disease Control in Almond

- 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 Dithane® M45 fungicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Dithane M45 according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Dithane M45.

Crop	Diseases Controlled	Rate per Application (lb/acre)	Remarks (Also Refer to Directions for Use)	Restrictions
almond	blossom blight ( <i>Monilinia</i> spp) shothole ( <i>Stigmina</i> spp)	6	Begin application at dormant to popcorn stage, full bloom or petal fall. Reapply every 7 to 10 days if bloom is staggered and weather is rainy. Do not use less than 10 gallons of spray volume per acre if aerially applied.	<ul style="list-style-type: none"> <li>• Do not apply more than 18 lb (14.4 lb active ingredient) per acre per use season.</li> <li>• Do not make last application later than 5 weeks after petal fall.</li> <li>• Do not graze livestock in treated area.</li> <li>• Do not apply this product with a U-boom device.</li> </ul>

**ACCEPTED with COMMENTS**  
**In EPA Letter Dated:**

**MAR 31 2011**

**Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.**

**62719-387**

®Trademark of Dow AgroSciences LLC

R825-002

EPA accepted:   /  /  

Initial printing.

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**NEXT**

**LABEL**

62719-387

03/31/2011

4/7



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

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Raymond Brinkmeyer, Ph.D.  
Regulatory Leader – Regulatory Affairs  
Dow AgroSciences, LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

MAR 31 2011

Dear Dr. Brinkmeyer:

SUBJECT: Dithane F-45 Fungicide  
EPA Registration Number 62719-387  
Your submission of February 24, 2005  
New use: broccoli, pepper, lettuce and cabbage  
OPPIN Decision Number D65137

The supplemental labels referred to above, submitted in connection with registration under section (3) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended are acceptable provided the following revisions are made and provided that the supplemental labels are incorporated into the main label within 18 months or at the next label printing, whichever comes first.

Make the following changes:

**Broccoli and Cabbage Supplemental Label:**

1. Move the heading "Disease Control in Broccoli and Cabbage" so that it appears immediately above the table with the application rate.
2. Change the product name from "Dithane M45" to "Dithane M45 Fungicide" everywhere it appears on the label.
3. Change the heading of the third column from "Rate per application (lb/acre)" to "Product Rate per application (lb /acre)"
4. In the third column, change the heading from "Remarks (Also Refer to Directions for Use)" to "Application Directions."
5. In the Restrictions column, change the first bullet from "Do not apply more than 12 lb (9.6 lb active) per acre." to "Do not apply more than 12 lb product (9.6 lb active ingredient) per acre."

6. In the Restrictions column, add a fourth bullet "Minimum retreatment interval is 7 days."

**Peppers Supplemental Label:**

1. Move the heading "Disease Control in Peppers" so that it appears immediately above the table with the application rate.

2. Change the product name from "Dithane M45" to "Dithane M45 Fungicide" everywhere it appears on the label.

3. Change the heading of the third column from "Rate per application (lb/acre)" to "Product Rate per application (lb /acre)"

4. In the third column, change the heading from "Remarks (Also Refer to Directions for Use)" to "Application Directions."

5. In the Restrictions column, change the first bullet to "West of the Mississippi River, do not apply more than 12 lb product (9.6 lb active ingredient) per acre and do not apply within 7 days of harvest."

6. In the Restrictions column, change the second bullet to "East of the Mississippi River, do not apply more than 18 lb product (14.4 lb active ingredient) per acre and do not apply within 7 days of harvest."

7. In the Restrictions column, add a fourth bullet "Minimum retreatment interval is 7 days."

**Lettuce Supplemental Label:**

1. Move the heading "Disease Control in Lettuce" so that it appears immediately above the table with the application rate.

2. Change the product name from "Dithane M45" to "Dithane M45 Fungicide" everywhere it appears on the label.

3. Change the heading of the third column from "Rate per application (lb/acre)" to "Product Rate per application (lb /acre)"

4. In the third column, change the heading from "Remarks (Also Refer to Directions for Use)" to "Application Directions."

5. In the Restrictions column, change the first bullet to "In California, do not apply more than 8 lb product (6.4 lb active ingredient) per acre and do not apply within 14 days of harvest."

6. In the Restrictions column, change the second bullet to "In states other than California, do not apply more than 12 lb product (9.6 lb active ingredient) per acre and do not apply within 10 days of harvest."

7. In the Restrictions column, add a fourth bullet "Minimum retreatment interval is 7 days."

Please submit one copy of your final printed supplemental labeling before the product is released for shipment. A stamped copy of the label is enclosed for your records. If you have any questions, please contact Lisa Jones on my team at (703) 308-9424 or [jones.lisa@epa.gov](mailto:jones.lisa@epa.gov).

Sincerely,



Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7504P)

Enclosures: Stamped Supplemental Label  
November 16, 2010 Aggregate Dietary Assessment for ETU and Addendum



4/7

# Supplemental Labeling



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

## Dithane<sup>®</sup> M45

EPA Reg No. 62719-387

### Directions for Use

#### Disease Control in Broccoli and Cabbage

- 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 Dithane<sup>®</sup> M45 fungicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Dithane M45 according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Dithane M45....

Crop	Diseases Controlled	Rate per Application (lb/acre)	Remarks (Also Refer to Directions for Use)	Restrictions
broccoli	alternaria leaf spot	2	In plant beds or direct-seeded fields, apply 7 to 10 days after planting or earlier if disease is present. If field applications, apply as soon as disease is present and reapply as needed on a 7- to 10-day spray schedule.	<ul style="list-style-type: none"> <li>• Do not apply more than 12 lb (9.6 lb active) per acre.</li> <li>• <b>Preharvest Interval:</b> Do not apply within 7 days of harvest.</li> <li>• Do not apply this product with a U-boom device</li> </ul>
cabbage			Refer to broccoli	Refer to broccoli

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

**MAR 31 2011**

**Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.**

**62719-387**

®Trademark of Dow AgroSciences LLC

R825-003

EPA accepted: \_\_\_/\_\_\_/\_\_\_

Initial printing.

# Supplemental Labeling



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

## Dithane<sup>®</sup> M45 EPA Reg No. 62719-387

### Directions for Use

#### Disease Control in Peppers

- 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 Dithane<sup>®</sup> M45 fungicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Dithane M45 according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Dithane M45.

Crop	Diseases Controlled	Rate per Application (lb/acre)	Remarks (Also Refer to Directions for Use)	Restrictions
peppers	anthracnose early blight phomopsis blight or fruit rot	2 (west of the Mississippi River)  3 (east of the Mississippi River)	Begin application when disease appears and reapply on a 7- to 10-day spray schedule.	<ul style="list-style-type: none"> <li>• West of the Mississippi River, do not apply more than 12 lb (9.6 lb active) per acre per crop and do not apply within 7 days of harvest.</li> <li>• East of the Mississippi River, do not apply more than 18 lb (14.4 lb active) per acre per crop and do not apply within 7 days of harvest.</li> <li>• Do not apply this product with a U-boom device.</li> </ul>

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

**MAR 31 2011**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.**

**62719-387**

®Trademark of Dow AgroSciences LLC

R825-005

EPA-accepted:   /  /  

Initial printing.

6/7

# Supplemental Labeling



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

## Dithane<sup>®</sup> M45

EPA Reg No. 62719-387

### Directions for Use

#### Disease Control in Lettuce

- 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 Dithane<sup>®</sup> M45 fungicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Dithane M45 according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Dithane M45.

Crop	Diseases Controlled	Rate per Application (lb/acre)	Remarks (Also Refer to Directions for Use)	Restrictions
lettuce	downy mildew	2	Begin applications when disease appears and reapply on a 7- to 10-day treatment schedule.	<ul style="list-style-type: none"> <li>• In California, do not apply more than 8 lb (6.4 lb active) per acre per crop and do not apply within 14 days of harvest.</li> <li>• In states other than California, do not apply more than 12 lb (9.6 lb active) per acre per crop and do not apply within 10 days of harvest.</li> <li>• Do not apply this product with a U-boom device.</li> </ul>

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
**MAR 31 2011**

Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under EPA Reg. No.

<sup>®</sup>Trademark of Dow AgroSciences LLC

R825-004

EPA-accepted:   /  /  

Initial printing.

62719-387

7/7

# Supplemental Labeling



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

## Dithane<sup>®</sup> M45 EPA Reg No. 62719-387

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### Directions for Use

#### Disease Control in Broccoli and Cabbage

- 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 Dithane<sup>®</sup> M45 fungicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Dithane M45 according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Dithane M45.

Crop	Diseases Controlled	Rate per Application (lb/acre)	Remarks (Also Refer to Directions for Use)	Restrictions
broccoli	alternaria leaf spot	2	In plant beds or direct-seeded fields, apply 7 to 10 days after planting or earlier if disease is present. If field applications, apply as soon as disease is present and reapply as needed on a 7- to 10-day spray schedule.	<ul style="list-style-type: none"> <li>• Do not apply more than 12 lb (9.6 lb active) per acre.</li> <li>• <b>Preharvest Interval:</b> Do not apply within 7 days of harvest.</li> <li>• Do not apply this product with a U-boom device</li> </ul>
cabbage			Refer to broccoli	Refer to broccoli

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
**MAR 31 2011**

**Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.**

62719-387

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R825-003

EPA accepted:    /   /   

Initial printing.