

06/02/2009



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Bill Washburn
Product Registration
Arysta Lifescience NA Corporation
15401 Weston Parkway, Suite 150
Cary, NC 27513

JUN 2 2009

Subject: Notification for Label Revisions under PRN 98-10 and 2007-4
Storage & Disposal, Warranty Statement and Other Changes

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 98-10, and 2007-4 Storage & Disposal and Other Changes dated May 13, 2009 for:

EPA Registration 66330-292 "Thiophanate-Methyl 70W Fungicide"

The Registration Division (RD) has conducted a review of the request(s) for applicability under PRN 98-10 and 2007-4 and finds that the label changes requested fall within the scope of PRN-98-10 and 2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact 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", is written below the word "Sincerely,".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



EPA

United States
Environmental Protection Agency
Washington, DC 20460

☐ **Registration**
☐ **Amendment**
☒ **Other:**

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 66330-292	2. EPA Product Manager Mary Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Thiophanate-Methyl 70W Fungicide	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513 <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>JUN 02 2009</u>

Section - II

☐ Amendment - Explain below. ☐ Final printed labels in response to Agency letter dated _____
☐ Resubmission in response to Agency letter dated _____ ☐ "Me Too" Application
☒ Notification - Explain below. ☐ Other - Explain below

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

Notification of label change per PR Notice 2007-4. This notification is consistent with guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if the amendment is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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.

Notification of label change per PR Notice 98-10. 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 USC 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 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:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt. No. per container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
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***Certification must be submitted**

3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 1.0 lb., 3.0 lb., 5 lb., and 10 lb.	5. Location of Label Directions <input checked="" 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 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 Bill Washburn	Title Regulatory Manager	Telephone No. (Include Area Code) 901-432-5118
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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 Regulatory Manager
4. Typed Name Bill Washburn	5. Date 13 May 2009



May 13, 2009

Ms. Mary Waller
Product Management Team (21)
Fungicide-Herbicide Branch (H7505C)
Registration Division
Office of Pesticide Programs
Document Processing Desk (NOTIF)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

**Subject: Thiophanate-Methyl 70W Fungicide
EPA Reg. No. 66330-292**

***Notification of Label Change per PR Notice 2007-4
and PR Notice 98-10***

Dear Ms. Waller:

Please find the following enclosed:

- Application for Pesticide Registration (Other) dated 05/13/09.
- One highlighted copy of subject label, showing all changes.
- One clean copy of the subject label.

Notification of label change per PR Notice 2007-4. This notification is consistent with guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if the amendment is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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.

Also in this submission, we are using PR Notice 98-10 to update the name of the company, emergency telephone numbers and warranty. Arysta LifeScience North America Corporation was changed to Arysta LifeScience North America, LLC.

Should you have any questions or comments, please do not hesitate to contact me at 901-432-5118 or by e-mail at bill.washburn@arystalifescience.com

Sincerely,

Bill Washburn
Regulatory Manager

Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150, Cary, NC 27513 Phone 919-678-4900 Fax 919-678-2194
www.arystalifescience.com

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NOTIFICATION

**THIOPHANATE METHYL 70W
FUNGICIDE**

JUN 02 2009

ACTIVE INGREDIENT:

Thiophanate-methyl (dimethyl 4,4'-o-phenylenebis
[3-thioallophanate]).....

70%

INERT INGREDIENTS:

30%

TOTAL

100%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none">• 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
IF INHALED:	<ul style="list-style-type: none">• 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 further treatment advice
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• 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 SWALLOWED:	<ul style="list-style-type: none">• 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 the poison control center or doctor• Do not give anything by mouth to an unconscious person
Hot Line Number	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside the U.S. FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-434-9300 or 1-703-527-3887 if calling from outside of the U.S.	

See Inside Panel for Precautionary Statements

**EPA Reg. No. 66330-292
EPA Est. No. 51036-GA-001
AD 091808**

**Manufactured For:
Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513**

NET CONTENTS: ____ lbs.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant are Barrier Laminate, Nitrile Rubber \geq 14 mils, or viton \geq 14 mils gloves. If you want more options, follow the instructions for category A on an EPA chemical-resistance selection chart.

Mixers, loaders, applicators and handlers supporting dip treatment must wear:

1. Coveralls over long sleeved shirt and long pants
2. Chemical-resistant gloves
3. Chemical-resistant footwear plus socks
4. Chemical-resistant apron

All other mixers, loaders, applicators and handlers must wear:

1. Long-sleeved shirt and long pants
2. Shoes plus socks
3. Chemical-resistant gloves for all mixers and loaders and for applicators using hand held equipment

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining **PPE**. If no such instructions for washables exist, use detergent and hot water. Keep and wash **PPE** separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Engineering Controls: When handlers use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing/**PPE** immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. 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.

Do not apply aerially or through chemigation equipment to food crops.

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 12 hours except for the following:

- Almonds, dry beans, onions, pecans, and pistachio: The REI is 3 days
- Apples, apricots, cherries, grapes, nectarines, peaches, pears, plums/prunes, and potato: The REI is 2 days
- Strawberries, wheat, cucurbits, soybeans, sugar beets, peanuts and green beans: The REI is 1 day

See application instructions for each crop for additional REI requirements. 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:

1. Coveralls over long sleeved shirt and long pants
2. Chemical-resistant gloves made of any waterproof material
3. Chemical-resistant footwear plus socks
4. Chemical-resistant headgear for over head exposures

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GENERAL INFORMATION

Apply THIOPHANATE METHYL 70W with ground, using sufficient volume of spray to provide thorough coverage. Add required amount of THIOPHANATE METHYL 70W to partially filled tank agitated by mechanical or hydraulic means, and then add remaining required amount of water. Continuous agitation is required to keep the material in suspension. Arysta does not recommend tank mixes with highly alkaline pesticides, such as Bordeaux mixture or lime sulfur. No claim of compatibility with other pesticides is implied. Use the higher rate under conditions of severe disease pressure. Also, see local State Extension Service recommendations for application schedules.

Use the LBS/ACRE rate for concentrate sprays (less than 400 gallons on apples, less than 300 gallons on stonefruit). Use the LBS/100 GAL rate for dilute ground applications. Higher spray volume will generally result in better coverage and better disease control.

Tree Crop Specific Recommendations

TREE CROPS	PEST	POUNDS PRODUCT per ACRE	AI per ACRE	POUNDS PRODUCT per 100 GAL	INSTRUCTIONS
Almonds	Brown Rot Blossom Blight (<i>Monilinia</i> spp.) Scab (<i>Cladosporium</i> spp.)	1.0 to 1.5	0.7 – 1.05 lb. AI per acre Max. AI per year 2.1 lb. per acre		Applications should be initiated at pink bud and continued through petal fall. Pink Bud applications can be made alone, however later applications should be tank mixed with labeled contact type, multi-site fungicides. Per crop year, apply no more than 3 lb. of this product per acre. Refer to the Agricultural Use Box for REI. The REI is 3 days. PHI = 1 day See Fungicide Resistance above
Apples * Not for this use in California	Apple Scab (<i>Venturia</i> spp.) Black Rot (<i>Botryosphaeria</i> spp.) Brooks Fruit Spot (<i>Mycosphaerella</i> spp.) Flyspeck (<i>Zygophiala</i> spp.) Powdery Mildew (<i>Podosphaera</i> spp.) Sooty Blotch (<i>Gloeodes</i> spp.)	1.0 pounds (except CA) 1.42 pounds (in CA)	0.7 lb. AI per acre (except CA) – 1.0 lb. AI per acre (in CA) Max. AI per year 2.8 lb. per acre	0.25 pounds (except CA) 0.375 lbs. (in CA)	Applications should be initiated at green tip and continue at 5 to 10 day intervals, continuing through petal fall. Cover sprays can continue at 7 to 14 day intervals as needed. Per crop year, apply no more than 4 lb. of this product per acre. Refer to the Agricultural Use Box for REI. The REI is 2 days. PHI = 1 day See Fungicide Resistance above

Apricots	Brown Rot Blossom Blight (<i>Monilinia</i> spp.) Fruit Brown Rot (<i>Monilinia</i> spp.)	1.5 pounds	1.05 lb. AI per acre Max. AI per year 2.8 lb. per acre	0.5	First application should be made at early bloom (red bud), followed by a second application at full bloom. Under severe disease pressure, additional applications should be made at 10 to 14 day intervals beginning at full bloom, through final pre-harvest sprays. If conditions develop for Fruit Brown Rot, apply 1 to 2 sprays starting 21 days prior to harvest. Do not apply more than 4 LB. Of this product per acre per crop year. Refer to the Agricultural Use Box for REI. The REI is 2 days. PHI = 1 day See Fungicide Resistance above
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TREE CROPS	PEST	POUNDS PRODUCT per ACRE	AI per ACRE	POUNDS PRODUCT per 100 GAL	INSTRUCTIONS
Cherries	Brown Rot Blossom Blight (<i>Monilinia</i> spp.) Fruit Brown Rot (<i>Monilinia</i> spp.)	1.5 pounds	0.7 - 1.05 lb. AI per acre Max AI per year 2.8 lbs. per acre	0.5	First application should be made at early bloom (popcorn stage), followed by a second application at full bloom. Under severe disease pressure, additional applications should be made at 10 to 14 day intervals beginning at full bloom, through final pre-harvest sprays. If conditions develop for Fruit Brown Rot, apply 1 to 2 sprays starting 21 days prior to harvest. No more than 4 pounds product may be used per acre per season on cherries Refer to the Agricultural Use Box for REI. The REI is 2 days. PHI = 1 day See Fungicide Resistance above
	Cherry Leaf Spot (<i>Coccomyces</i> spp.)	1.125 to 1.5	0.8 - 1.05 lb. AI per acre Max AI per year 2.8 lbs. per acre	0.375-0.5	Initiate applications as leaves begin to unfold, near petal fall or before. Continue at first, second and third cover sprays at 10 to 14 day intervals. No more than 4 pounds product may be used per acre per season on cherries Refer to the Agricultural Use Box for REI. The REI is 2 days. PHI = 1 day See Fungicide Resistance above

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	Powdery Mildew (<i>Podosphaera</i> spp.) and (<i>Sphaerotheca</i> spp.)	1.5 pound PLUS 1.125 to 1.5	0.7 - 1.05 lb. AI per acre PLUS 0.84 – 1.05 ounces Max AI per year 2.8 lbs. per acre	0.5 PLUS 0.375 to 0.5	First application should be made at early bloom (popcorn stage), followed by a second application at full bloom. PLUS Also make applications of this product at shuck fall and first cover. Per crop year, apply no more than 4 lb. of this product per acre. Refer to the Agricultural Use Box for REI. The REI is 2 days. PHI = 1 day See Fungicide Resistance above
Nectarines	Brown Rot Blossom Blight (<i>Monilinia</i> spp.) Fruit Brown Rot (<i>Monilinia</i> spp.)	1.5 pounds	0.7 - 1.05 lb. AI per acre <hr/> Max. AI per year 2.8 lb. per acre	0.5	First application should be made at early bloom (pink bud), followed by a second application at full bloom. Under severe disease pressure, additional applications should be made at 10 to 14 day intervals beginning at full bloom, through final pre-harvest sprays. Per crop year, apply no more than 4 lb. of this product per acre. Refer to the Agricultural Use Box for REI. The REI is 2 days. PHI = 1 day See Fungicide Resistance above

TREE CROPS	PEST	POUNDS PRODUCT per ACRE	AI per ACRE	POUNDS PRODUCT per 100 GAL	INSTRUCTIONS
Peaches	Brown Rot Blossom Blight (<i>Monilinia</i> spp.) Fruit Brown Rot (<i>Monilinia</i> spp.)	1.0 to 1.5 (in CA use 1.5 pounds)	0.7 - 1.05 lb. AI per acre <hr/> Max. AI per year 2.8 lb. per acre	0.5 – 0.75	First application should be made at early bloom (pink bud), followed by a second application at full bloom. Under severe disease pressure, additional applications should be made at 10 to 14 day intervals beginning at full bloom, through final pre-harvest sprays. PLUS: When treating Peach Scab, make additional applications at Shuck Split and first cover spray.
	Peach Scab (<i>Cladosporium</i> spp.)	1.0 to 1.5 PLUS 1.0 to 1.5	0.7 - 1.05 lb. AI per acre PLUS 1.125-1.5 Max. AI per year 2.8 lb. per acre	0.5 – 0.75 PLUS 3/8 – 1/2	Per crop year, apply no more than 4 lb. of this product per acre. Refer to the Agricultural Use Box for REI. The REI is 2 days. PHI = 1 day See Fungicide Resistance above.
Pears	Fabraea Leaf Spot Flyspeck (<i>Zygothia</i> spp.) Pear Scab (<i>Venturia</i> spp.) Powdery Mildew	1.0	0.7 lb. AI per acre <hr/> Max. AI per year	0.25	Application should be initiated at green tip, continue on a 5 to 10 day schedule through petal fall. As condition's warrant, continue applications at 7 to 10 day intervals through the cover sprays.

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	(<i>Podosphaera</i> spp.) Sooty Blotch (<i>Gloeodes</i> spp.)		2.8 lb. Per acre		<p>Per crop year, apply no more than 4 lb. of this product per acre.</p> <p>Do not use THIOPHANATE-METHYL 70 W WSB alone in a spray program. Use only in combination or in an alternating application program with a labeled non-benzimidazole fungicide.</p> <p>Apply in a minimum spray volume of 10 gallons/A for aerial applications and do not apply through irrigation equipment.</p> <p>Refer to the Agricultural Use Box for REI. The REI is 2 days.</p> <p>PHI = 1 day</p>
Pecans	Brown Spot (<i>Cercospora</i> spp.) Downy Spot (<i>Mycosphaerella</i> spp.) Liver Spot (<i>Gnomonia</i> spp.) Powdery Mildew (<i>Microsphaerella</i> spp.) Scab (<i>Fusicladium</i> spp.) Stem End Blight (<i>Botryosphaeria</i> spp.) Zonate Leaf Spot (<i>Cristulariella</i> spp.)	0.5 to 1.0	0.375 – 0.7 lb. AI per acre Max. AI per year 2.1 lb. Per acre		<p>First application should be made as leaves begin to show, followed by repeat applications every three to four weeks until shuck split. Do not apply after shuck split.</p> <p>Use highest rates for aerial applications in AR, GA, LA, MS, OK, TX.</p> <p>Per crop year, apply no more than 3 lb. of this product per acre.</p> <p>Refer to the Agricultural Use Box for REI. The REI is 3 days.</p> <p>PHI = 1 day</p> <p>See Fungicide Resistance above</p>

TREE CROPS	PEST	POUNDS PRODUCT per ACRE	AI per ACRE	POUNDS PRODUCT per 100 GAL	INSTRUCTIONS
Plums / Prunes	Brown Rot Blossom Blight (<i>Monilinia</i> spp.) Fruit Brown Rot (<i>Monilinia</i> spp.)	1.5 pounds	1.05 lb. AI per acre Max. AI per year 2.8 lb. Per acre	0.5	<p>Application should be initiated at early bloom (green tip), followed by a second application at full bloom.</p> <p>Do not apply after shuck split.</p> <p>Under severe disease pressure, additional applications should be made at 10 to 14 day intervals beginning at full bloom, through final pre-harvest sprays.</p> <p>Per crop year, apply no more than 4 lb. of this product per acre.</p> <p>Refer to the Agricultural Use Box for REI. The REI is 2 days.</p> <p>PHI = 1 day</p> <p>See Fungicide Resistance above</p>

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	Black Knot (<i>Dibotryon</i> spp.)	1.5 pounds	1.05 lb. AI per acre	0.5	<p>Initiate applications before bloom, then at petal fall and first 3 cover sprays at 10 to 14 day intervals</p> <p>Do not apply after shuck split.</p> <p>Per crop year, apply no more than 4 lb. of this product per acre.</p> <p>Refer to the Agricultural Use Box for REI. The REI is 2 days.</p> <p>PHI = 1 day</p> <p>See Fungicide Resistance above</p>
	Leaf Spot (<i>Coccomyces</i> spp.)	1.5 pounds	1.05 lb. AI per acre	0.5	<p>Initiate applications as leaves begin to unfold, near petal fall or before. Continue at first, second and third cover sprays at 10 to 14 day intervals.</p> <p>Do not apply after shuck split.</p> <p>Per crop year, apply no more than 4 lb. of this product per acre.</p> <p>Refer to the Agricultural Use Box for REI. The REI is 2 days.</p> <p>PHI = 1 day</p> <p>See Fungicide Resistance above</p>

Row Crop and Field Crop Specific Recommendations

CROP	PESTS	POUNDS PRODUCT per ACRE	POUNDS AI per ACRE	INSTRUCTIONS
Beans	Gray Mold (<i>Botrytis</i> spp.) White Mold (<i>Sclerotinia</i> spp.) Anthracnose (<i>Colletotrichum</i> spp.)	1.0 to 2.0 pounds	0.7 – 1.4 lb. AI per acre Max. AI per year 2.8 lb. Per acre	<p>Apply once at 50% to 70% of full bloom. Or Apply twice with the first application at 10% to 30% of full bloom and a second application at 4 to 7 days later or at peak bloom.</p> <p>Do not apply to snap or dry beans within 14 days of harvest or to lima beans within 28 days of harvest.</p> <p>Per crop year, apply no more than 4 lb. of this product per acre.</p> <p>Refer to the Agricultural Use Box for REI. The REI for green beans is 1 day. The REI for dry beans is 3 days.</p>

Cucurbits (including: Cantaloupes, Casaba, Cucumbers, Melons, Pumpkins, Summer Squash And Winter Squash, and Watermelons) *Not for this use in California	Anthracnose* (Colletotrichum spp.) Gummy Stem Blight* (Didymella spp.) Powdery Mildew (Erysiphe spp.) Target Spot* (Corynespora spp.)	0.25 to 0.5 pound	0.35 lb AI per acre Max AI per year 2.1 lb. per acre from all combinations and timings	Scout fields as weather and conditions indicate infection could be present. Start treatments as plants begin to run or when disease is found. Repeat treatments at 7-14 day intervals. Target Spot treatments should be made at 7-day intervals as needed. Per crop year, apply no more than 3 lb. of this product per acre. Refer to the Agricultural Use Box for REI. The REI is 1 day. PHI = 1 day for all Cucurbits
	Belly Rots * (Rhizoctonia spp. and Fusarium spp.)			Application volume should be enough to allow complete coverage to run or drip off plant into soil. This product is not effective in controlling Phytophthora spp. or Pythium spp. Per crop year, apply no more than 3 lb. of this product per acre. Refer to the Agricultural Use Box for REI. The REI is 1 day. PHI = 1 day for all Cucurbits See Fungicide Resistance above
Onions * (In Furrow) * Not for this use in California	White Rot * (Sclerotinia spp.)	0.7 ounce per 1000 row feet (with 12 inch row spacing) OR 32 ounces per acre Broadcast	NA AI per acre/ application 1.4 lbs. Max 1.4 lbs. ai/acre per year	Product solution should be sprayed directly into the open planting furrow at the time of planting seed, sets or bulbs. Do not apply through any type of irrigation system. Per crop year, apply no more than 2 lbs. product per acre. Refer to the Agricultural Use Box for REI. The REI is 3 days.

CROP	PESTS	POUNDS PRODUCT per ACRE	POUNDS AI per ACRE	INSTRUCTIONS
Peanuts	Leaf Spot (<i>Cercospora</i> spp.) Rust (<i>Puccinia</i> spp.) Limb Rot (<i>Rhizoctonia</i> spp.) Web Blotch (<i>Ascochyta</i> spp.)	0.5 pound	0.35 lb. AI per acre _____ Max. AI per year 1.4 lb. per acre from all combinatio ns and timings	Scout field as conditions indicate infection could occur. Start treatments when disease is verified or 35 days after planting. Repeat as needed at 14 day intervals. Under severe disease pressure shorten application interval to 7 days. This product should always be used in conjunction with another non-benzimidazole fungicide. Do not apply more than 2 LB. of this product per acre per crop year. PHI = 14 days Refer to the Agricultural Use Box for REI. The REI is 1 day. See Fungicide Resistance above
Potatoes* * Not for this use in California	White Mold Sclerotinia Stem Rot (<i>Sclerotinia</i> sp.)	1.0 to 1.5 pounds	0.7 - 1.05 lb. AI per acre _____ Max. AI per year 2.8 lb. per acre	Treatments are most efficacious when made prior to disease development. Start treatments just around time of row closure. Spray must cover all susceptible plant parts, branches, flowers and stems for adequate control. Scout and reapply at 7 to 14 day intervals or as conditions occur for disease development. Do not apply more than 4 lb. of this product per acre per crop year. PHI = 21 days Refer to the Agricultural Use Box for REI. The REI is 2 days. Early/Late Blight Control: You may tank-mix this product with other blight-control fungicides.

CROP	PESTS	POUNDS PRODUCT per ACRE	POUNDS AI per ACRE	INSTRUCTIONS
Soybeans	Anthracnose (<i>Colletotrichum</i> spp.) Brown Spot (<i>Septoria</i> spp.) Frogeye Leaf Spot (<i>Cercospora</i> spp.) Pod and Stem Blight (<i>Diaporthe</i> spp. and the imperfect stage, <i>Phomopsis</i> spp.) Purple Seed Stain (<i>Cercospora</i> spp.)	0.5 to 1.0 pounds Use higher rate for higher density canopy develops	0.375 - 0.7 lb. AI per acre	First application can be made at full bloom up until the pods are between 1/8" and 1/4" in length, followed by a second application 14-21 days thereafter. The second application must be made less than 14 days following bean formation or when average pod length is 1/4" or greater. When beans are under severe disease pressure, utilize the higher application rates. FOR SEED BEANS ONLY- A single high-rate application may be made at the time of bean formation to improve seed quality. Notes for use in soybeans: Per crop year, apply no more than 2 lb. of this product per acre. Do not graze treated area or feed treated vines or hay to livestock. Refer to the Agricultural Use Box for REI. The REI is 1 day. PHI = 21 days
	Sclerotinia	0.75 to 1.0 pound	0.525-0.7 lb. AI per acre	First application should be made at early bloom (R-1 to R-2 stage). A second application may be made 7-14 days later as conditions dictate. Spray must cover all susceptible plant parts, branches, flowers and stems for adequate control. Notes for use in soybeans: Per crop year, apply no more than 2 lb. of this product per acre. Do not graze treated area. Refer to the Agricultural Use Box for REI. The REI is 1 day. PHI = 21 days
	Aerial Blight (Suppression)	1.0 pound	0.7 lb. AI per acre Max. AI per year 1.4 lb. per acre for Soybeans	First application must be made prior to infection, monitor climatic conditions and sentinel plots in your area. Reapply 14-21 days later if needed. It is highly recommended that a DMI/Triazole fungicide, such as tebuconazole be tank mixed for Soybean Rust. First application must be made at R-1 with the tankmix for control. Reapply as conditions warrant. Do not make more than 2 applications per year. Notes for use in soybeans: Per crop year, apply no more than 2 lb. of this product per acre. Do not graze treated area. Refer to the Agricultural Use Box for REI. The REI is 1 day. PHI = 21 days

CROP	PESTS	POUNDS PRODUCT per ACRE	POUNDS AI per ACRE	INSTRUCTIONS
Strawberries	Fruit Rot (<i>Botrytis</i> spp.) Leaf Blight (<i>Dendrophoma</i> spp.) Leaf Scorch (<i>Diplocarpon</i> spp.)	0.75 to 1.0 pound Use highest rate under severe conditions	0.525-0.7 lb. AI per acre Max. AI per year 2.8 lb. per acre	Start treatments as blooming begins, repeat at 7 to 10 day intervals. Per crop year, apply no more than 4 lb. of this product per acre. Refer to the Agricultural Use Box for REI. The REI is 1 day PHI = 1 day See Fungicide Resistance above
Sugarbeets	Leaf Spot (<i>Cercospora</i> spp.)	0.5 pound (in CA) 1.0 pound (except CA)	0.35 lb AI per acre (in CA) 0.7 lb AI per acre (except CA) Max. AI per year 2.1 lb. per acre	First application should be made prior to disease emergence, when environmental conditions are favorable for disease development. As required, a second application may be made with a NON-benzimidazole fungicide within 14 days. If tolerant or resistant strains are known to be in the area, a tank mix with a protectant type fungicide is recommended. Do not apply this product more than once per year for <i>Cercospora</i> spp. Notes for use in Sugarbeets: Per crop year, apply no more than 3 lb. of this product per acre. PHI = 21 days Refer to the Agricultural Use Box for REI. The REI is 1 day. See Fungicide Resistance above

NOTE: Dilute sprays are not to exceed maximum rate per acre.

RESISTANCE MANAGEMENT

To avoid the development of tolerant or resistant strains of fungi, THIOPHANATE METHYL 70W should always be tank mixed with a fungicide of different chemistry, and/or a fungicide of different chemistry should be alternated with THIOPHANATE METHYL 70W at each application. MICRO FLO DOES NOT RECOMMEND THE USE OF PRODUCTS CONTAINING BENOMYL OR THIABENDAZOLE IN COMBINATION OR IN ROTATION WITH THIOPHANATE METHYL 70W. If after using THIOPHANATE METHYL 70W as recommended, the treatment is not effective; a tolerant or resistant strain of fungi may be present.

Discontinue the use of THIOPHANATE METHYL 70W for at least one season. Do not use products containing benomyl or thiabendazole as substitutes for THIOPHANATE METHYL 70W, as they are of similar chemistry and will contribute to the development of resistance. As long as these precautions are followed, THIOPHANATE METHYL 70W can be useful for disease control, even if resistant strains are present.

STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS: Store in the original container in a dry area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, sweep up spillage and dispose of in accordance with the Pesticide Disposal Instructions listed below.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and Local authorities by burning. If the bag is disposed of by burning, stay out of smoke.

Warranty and Disclaimer Statement

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF ARYSTA, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT ARYSTA'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

[illegible]

THIOPHANATE METHYL 70W
FUNGICIDE

ACTIVE INGREDIENT:

Thiophanate-methyl (dimethyl 4,4'-o-phenylenebis
[3-thioallophanate]) 70%
INERT INGREDIENTS: 30%
TOTAL 100%

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> • 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
IF INHALED:	<ul style="list-style-type: none"> • 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 further treatment advice
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • 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 SWALLOWED:	<ul style="list-style-type: none"> • 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 the poison control center or doctor • Do not give anything by mouth to an unconscious person

Hot Line Number

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside the U.S.

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-434-9300 or 1-703-527-3887 if calling from outside of the U.S.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with eyes, or clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water or rinsate.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. 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.

Do not apply aerially or through chemigation equipment to food crops.

STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS: Store in the original container in a dry area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, sweep up spillage and dispose of in accordance with the Pesticide Disposal Instructions listed below.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and Local authorities by burning. If the bag is disposed of by burning, stay out of smoke.

See Attached Booklet for Use Directions and Additional Precautions

EPA Reg. No. 66330-292
EPA Est. No. 51036-GA-001
AD 091808

Manufactured For:
Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513

NET CONTENTS: ____ lbs.

NOTIFICATION

JUN 02 2009

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