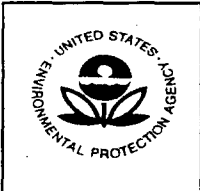
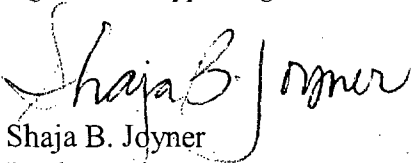


66222-134

09/24/2008

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 <p align="center">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Reregistration <small>(under FIFRA, as amended)</small></p>	<p>EPA Registration Number: 66222-134</p>	<p>Date of Issuance: SEP 24 2008</p>
	<p>Term of Issuance: Unconditional</p>	
	<p>Name of Pesticide Product: Thiophanate Methyl 4.5F</p>	
<p>Name and Address of Registrant (include ZIP Code):</p> <p>Jane Rothwell Makhteshim-Agan of North America Inc. 4515 Falls of Neuse RD, Suite 300 Raleigh, NC 27609</p>		
<p><small>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</small></p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>Based on your response to the Reregistration Eligibility Decision for Thiophanate Methyl, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.</p>		
<p>Continued on Page 2</p>		
<p>Signature of Approving Official:</p>  <p>Shaja B. Joyner Product Manager, Team 20 Fungicide Branch Registration Division (7505P)</p>	<p>Date: 9/24/08</p>	

A copy of your label stamped "Accepted" is enclosed for your records. If you have any questions, contact Lisa Jones of my team at (703) 308-9424 or at jones.lisa@epa.gov.

Sincerely,

Shaja B. Joyner
Product Manager (20)
Fungicide Branch
Registration Division (7505P)

Enclosures: Stamped copy of label
7 April 2008 Label Assessment
1 February 2006 Product Chemistry Review
5 December 2006 Product Chemistry Review
9 December 2005 Acute Toxicity Review

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THIOPHANATE METHYL 4.5 F

Contains thiophanate-methyl, the active ingredient used in Topsin 4.5FL
Thiophanate-methyl 4.5F is not manufactured or distributed by Cerexagri.

ACTIVE INGREDIENT:	% BY WT.
Thiophanate-methyl: (dimethyl[(1,2-phenylene)-bis(iminocarbonothioyl)]bis[carbamate])	46.2%
INERT INGREDIENTS:	53.8%
	TOTAL 100.0%

Contains 4.5 pounds of thiophanate-methyl per gallon.

EPA Reg. No. 66222-134

EPA Est. No. [REDACTED]

Stamped "Accepted"
on last page
09/24/2008

Manufactured for:
Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Rd., Suite 300
Raleigh, NC 27609

NET CONTENTS: 4.5 LBS

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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.
IF INHALED:	<ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. • 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.
IF IN EYES:	<ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. • 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 the product container or label with you when calling a poison control center or doctor, or going for treatment. **You may also contact PROSAR at 1-877-250-9291 for emergency medical treatment information.**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid breathing vapor or spray mist. Causes moderate eye irritation. Harmful if absorbed through the skin or inhaled. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber (> 14 mils), neoprene rubber (>14mils) and polyethylene. If you want more options, follow the instructions for category C on an EPA chemical resistance selection chart.

Handlers mixing, loading and applying the product as a dip (including application of product in Kaolinite clay to conifer seedling roots) must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- A chemical-resistant apron

All other mixers, loaders, and applicators must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves
- Chemical-resistant apron for mixers, loaders, and other handlers exposed to the concentrate

User Safety Requirements: Follow manufacturer's instructions for cleaning/maintaining personal protective equipment, 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. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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.

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.

DIRECTIONS FOR USE

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

Do not enter or allow others to enter until sprays have dried.

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.

AGRICULTURAL USE REQUIREMENTS

Use this product 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 intervals. 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).

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

GENERAL INFORMATION

Apply Thiophanate Methyl 4.5F with ground or aerial equipment using sufficient volume of spray to provide thorough coverage. Add required amount of Thiophanate Methyl 4.5F 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. Do not tank mix 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 FL.OZ./Acre rate for concentrate sprayers (less than 400 gallons) and aerial application. Use the FL.OZ./100 GAL rate for dilute ground application.

CHEMIGATION INSTRUCTIONS: Chemigation instructions follow DIRECTIONS FOR USE. Do not apply through any irrigation system unless these instructions are followed.

When an adjuvant is to be used with this product, Makhteshim Agan of North America, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

RESISTANCE MANAGEMENT

To avoid the development of tolerant or resistant strains of fungi, Thiophanate Methyl 4.5F should always be tank mixed with a fungicide of different chemistry and/or a fungicide of different chemistry should be alternated with Thiophanate Methyl 4.5F at each application. MAKHTESHIM AGAN OF NORTH AMERICA, INC. DOES NOT RECOMMEND THE USE OF PRODUCTS CONTAINING THIABENDAZOLE IN COMBINATION OR IN ROTATION WITH THIOPHANATE METHYL 4.5F. If after using Thiophanate Methyl 4.5F as recommended and the treatment is not effective, a tolerant or resistant strain of fungi may be present. Discontinue the use of Thiophanate Methyl 4.5F for at least one season. Do not use products containing thiabendazole as substitutes for Thiophanate Methyl 4.5F, as they are of similar chemistry and will contribute to the development of resistance. As long as these precautions are followed, Thiophanate Methyl 4.5F can be useful for disease control even if resistant strains are present.

TABLE OF RECOMMENDED USES

CROP	DISEASES	FL.OZ./ACRE/APPLICATION	FL.OZ./100 GAL	REMARKS
ALMONDS	Brown Rot Blossom Blight (<i>Monilinia</i>)	30		Apply at early pink bud and early petal fall. Do not apply more than 30 fl. oz. of product per acre per application. Do not apply more than 60 fl. oz. of product per acre per season. Restricted Entry Interval (REI) is 3 days.
APPLES (preharvest)	Apple Scab (<i>Venturia</i>) Bitter Rot (<i>Glomerella</i>) Flyspeck (<i>Zygothiala</i>) Powdery Mildew (<i>Podosphaera</i>) Sooty Blotch (<i>Gloeodes</i>) Black Rot	20	5-7 1/2	Apply at 5 to 10 day intervals from green tip through petal fall; continue at 7-14 day intervals as cover sprays. Do not apply more than 20 fl. oz. of product per acre per application. Do not apply more than 80 fl. oz. of product per acre per season. Preharvest interval is 1 day. Restricted Entry Interval (REI) is 2 days. Note: For control of apple diseases in the Southeastern States of Florida, Georgia, South Carolina, North Carolina, and Alabama, use 60 to 80 fl. oz. Thiophanate Methyl 4.5F per acre.
BEANS	Gray Mold (<i>Botrytis</i>) White Mold (<i>Sclerotinia</i>) Anthracnose	30-40 OR 20-30	20-27 13-20	Apply once at 50% to 70% of full bloom. OR Apply twice with the first application at 20-30% of full bloom and a second application at 4 to 7 days or at peak bloom. Do not apply to snap or dry beans within 14 days of harvest or to lima beans within 28 days of harvest. Restricted entry interval is 24 hours. Restricted Entry Interval (REI) is 1 day for green beans. Restricted Entry Interval (REI) is 3 days for dry beans.
PEANUTS	Leaf Spot (<i>Cercospora</i>)	10		Begin applications 35 days after planting or when disease first appears and repeat at 14 To 21 day intervals or as needed. Use the 14 day interval under severe disease pressure. Do not apply more than 40 fl. oz. of product per acre per season. Do not apply within 14 days of harvest. Restricted Entry Interval (REI) is 1 day.

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CROP	DISEASES	FL.OZ./ACRE/APPLICATION	FL.OZ./100 GAL	REMARKS
PECANS	Brown Spot (<i>Cercospora</i>) Downy Spot <i>Mycosphaerella</i> Powdery Mildew (<i>Microsphaera</i>) Scab (<i>Fusicladium</i>)	10-20		Use the higher rate for trees over 30 feet tall and for aerial application in AR, GA, LA, MS, OK, and TX. Begin application when first leaves are showing and repeat at 3 to 4 week intervals until shuck split. Do not spray after shuck split. Do not apply more than 60 fl. oz. of product per acre per season. The Restricted Entry Interval (REI) is 3 days.
SOYBEANS	Anthrachnose (<i>Colletotrichum</i>) Brown Spot (<i>Septoria</i>) Frog-eye Leaf Spot (<i>Cercospora</i>) Stem and Pod Blight (<i>Diaporthe</i> , and the imperfect stage <i>Phomopsis</i>) Purple Seed Stain (<i>Cercospora</i>)	10-20		Apply from full bloom when pods are 1/8-1/4 inch in length. Make a second application 14-21 days later. Do not make the second application later than 14 days after pods average 1/4 inch in length or when beans form in the pod. Use the high rate under severe disease pressure. Preharvest interval is 21 days. Restricted entry interval (REI) is 24 hours. FOR SEED BEANS ONLY: For seed quality, make a single application at the high rate when beans form in the pod. Do not make more than 2 applications per year. Do not graze or feed treated vines or hay to livestock. Preharvest interval is 21 days. Restricted entry interval (REI) is 24 hours. Maximum single application rate is 20 fl. oz. per acre.
STONE FRUITS: APRICOTS	Brown Rot Blossom Blight (<i>Monilinia</i>) Brown rot of fruit (<i>Monilinia</i>)	30	10	Apply at early bloom (red bud). Make a second application at full bloom. In addition, for brown rot of fruit, apply 1 or 2 sprays starting 3 weeks before harvest. If needed under severe disease pressure, apply additional sprays at 10 to 14 day intervals between full bloom and final preharvest spray. Do not apply within 1 day of harvest. Do not apply more than 80 fl. oz. of product per acre per season. Restricted Entry Interval (REI) is 2 days.

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CROP	DISEASES	FL.OZ./ACRE/APPLICATION	FL.OZ./100 GAL	REMARKS
CHERRIES	Brown rot blossom/ Twig blight (<i>Monilinia</i>) Brown Rot of Fruit (<i>Monilinia</i>)	30	10	Apply at early bloom. Make a second application at full bloom. In addition for brown rot apply 1 or 2 sprays starting 3 weeks before harvest. If needed under severe disease pressure apply additional sprays at 10 to 14 day intervals between full bloom and final pre-harvest spray. Do not apply within 1 day of harvest. Do not apply more than 80 fl. oz. of product per acre per season. Restricted entry interval (REI) is 2 days.
	Cherry leaf spot (<i>Coccomyces</i>)	0.8-1.2	0.3-0.4	Apply at petal fall or before, when leaves first unfold, and at first, second and third cover sprays at 10 to 14 day intervals and one spray 14 to 21 days after harvest. Do not apply within 1 day of harvest. Do not apply more than 80 fl. oz. of product per acre per season. Restricted entry interval (REI) is 2 days.
	Powdery Mildew (<i>Podosphaera</i> spp. and <i>Sphaerotheca</i> spp.)	30 PLUS 24-30	10 PLUS 8-10	Apply at early bloom (early popcorn). Make a second application at full bloom. PLUS Apply at shuck fall and first cover. Do not apply within 1 day of harvest. Do not apply more than 80 fl. oz. of product per acre per season. Restricted entry interval (REI) is 2 days.
NECTARINES	Brown rot blossom/Twig blight (<i>Monilinia</i>) Brown rot of fruit (<i>Monilinia</i>)	30	10	Apply at early bloom (pink bud). Make a second application at full bloom if conditions favor disease development. In addition, for Fruit Brown Rot, apply 1 or 2 sprays starting 3 weeks before harvest. If needed under severe disease pressure, apply additional sprays at 10-14 day intervals between full bloom and final pre-harvest sprays. Do not apply within 1 day of harvest. Do not apply more than 80 fl. oz. of product per acre per season. Restricted entry interval is 2 days.

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CROP	DISEASES	FL.OZ./ACRE/APPLICATION	FL.OZ./100 GAL	REMARKS
PEACHES	Brown rot blossom/Twig blight (<i>Monilinia</i>) Brown rot of fruit (<i>Monilinia</i>)	30	10-15	Apply at early bloom (pink bud). Make a second application at full bloom if conditions favor disease development. In addition for Fruit Brown Rot, apply 1 or 2 sprays starting 3 weeks before harvest. If needed under severe disease pressure, apply additional sprays at 10 to 14 day intervals between full bloom and final pre-harvest sprays. Do not apply within 1 day of harvest. <u>Do not apply more than 80 fl. oz. of product per acre per season.</u> Restricted entry interval is 2 days.
	Peach Scab (<i>Cladosporium</i>)	30	10-15	Apply at early bloom (pink bud). Make a second application at full bloom if conditions favor disease development.
		PLUS 24-30	PLUS 8-10	PLUS Apply at shuck split and at first cover spray. Do not apply within 1 day of harvest. <u>Do not apply more than 80 fl. oz. of product per acre per season.</u> Restricted entry interval is 2 days. Do not apply within 1 day of harvest. <u>The maximum single application rate is 30 fl. oz. per acre for peaches.</u>
PLUMS/PRUNES	Brown rot of fruit (<i>Monilinia</i>) Brown rot blossom/Twig blight (<i>Monilinia</i>)	30	10	Apply at early bloom (green tip). Make a second application at full bloom. In addition, for Brown Rot of Fruit, apply 1 or 2 sprays starting 3 weeks before harvest. If needed under severe disease pressure, apply additional sprays at 10 to 14 day intervals between full bloom and final pre-harvest sprays. Do not apply within 1 day of harvest. Do not apply more than 80 fl. oz. of product per acre per season. Restricted entry interval is 2 days.
	Black knot (<i>Dibotryon</i>)	30	10	Apply at pre-bloom, petal fall, and at first, second, and third cover spray at 10-14 day intervals. Do not apply within 1 day of harvest. Do not apply more than 80 fl. oz. of product per acre per season. Restricted entry interval is 2 days.
	Leaf spot (<i>Coccomyces</i>)	30	10	Apply at petal fall, shuck, and at first, second, and third cover sprays at 10 to 14 day intervals and 1 spray 14 to 21 days after harvest. Do not apply within 1 day of harvest. Do not apply more than 80 fl. oz. of product per acre per season. Restricted entry interval is 2 days.

Handwritten notes:
 does this conflict?
 OK

CROP	DISEASES	FL.OZ./ACRE/APPLICATION	FL.OZ./100 GAL	REMARKS
STRAWBERRIES	Fruit rot (<i>Botrytis</i>) Leaf blight (<i>Dendrophoma</i>) Leaf scorch (<i>Diplocarpon</i>)	15-20	-	Begin applications at early bloom and continue at 7 to 10 day intervals. Use higher rate East of the Rocky Mountains and under conditions of severe disease pressure. Do not apply more than 80 fl. oz. of this product per acre per year. Do not apply within 1 day of harvest. Restricted entry interval (REI) is 24 hours.
SUGARBEET	Leaf spot (<i>Cercospora</i>)	8-10	-	Begin applications when disease first appears and repeat at 14 to 21 day intervals as needed. Do not apply within 21 days of harvest. Do not apply more than 20 fl. oz. of product per acre per application (except California). Do not apply more than 10 fl. oz. per acre per application (in California). Do not apply more than 60 fl. oz. of product per acre per season. Restricted Entry Interval (REI) is 1 day.
WHEAT, FALL SEEDED Idaho, Oregon, and Washington only	Foot Rot, Strawbreaker, Eye Spot (<i>Pseudocercospora</i> sp.)	20	-	Apply Thiophanate Methyl 4.5F at the rate indicated in a single application by air or ground after wheat is tillered but before stem elongation has begun. Use sufficient water to obtain thorough coverage. Do not make more than one application per season. Do not cut for hay within 90 days of application. Do not allow livestock to graze in treated areas before harvest. Restricted Entry Interval is 24 hours.

CHEMIGATION
Not For Use in California by Chemigation

GENERAL INSTRUCTIONS

Apply this product only through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move, or drip (mini-micro sprinklers, strip tubing, trickle) irrigation systems. Do not apply this product any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact Cooperative Extension Service specialists, equipment manufacturers, or other experts.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Do not connect the chemigation system to any public water system. Public water system means a system for the provision of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

SYSTEM REQUIREMENTS

Systems utilizing a pressurized water and pesticide injection system must meet the following requirement:

- The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

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- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

INSTRUCTIONS FOR SPRINKLER (OVERHEAD) IRRIGATION

Observe the requirements in the System Requirements section above. Do not apply when wind speed favors drift beyond the area intended for treatment.

Apply Thiophanate Methyl 4.5F only through systems containing anti-syphon and check valves designed to prevent water source contamination or overflow of the mix tank and containing interlocking controls between the metering device and the water pump to insure simultaneous shut-off.

Maintain a gentle continuous agitation in mix tank during mixing and application to assure a uniform suspension.

Greater accuracy in calibration and distribution will be achieved by injecting a large volume of a more dilute suspension per unit time.

Application of more the recommended quantities of irrigation water per acre may result in decreased product performance.

Do not apply when wind speed favors drift, when system connections or fittings leak, when nozzles do not provide uniform distribution, or when lines containing the product cannot be flushed and must be dismantled and drained. In a center pivot system, block the nozzle set nearest the well/pivot/injection unit to prevent spray being applied to this area.

Where sprinkler distribution patterns do not overlap sufficiently, unacceptable disease control may result.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water.

Thiophanate Methyl 4.5F may be applied in conjunction with chemically neutral liquid fertilizers. Application in conjunction with highly alkaline fertilizers, such as aqueous ammonia, may cause a degradation of the pesticide resulting in reduced performance and should be avoided.

Check local restrictions and requirements regarding sprinkler irrigation applications as they may vary from state to state.

SPRAY PREPARATION

Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water. Prepare a suspension of Thiophanate Methyl 4.5F in a mix tank. Fill the tank with 1/2 or 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of Thiophanate Methyl 4.5F and then the remaining volume of water.

APPLICATION INSTRUCTIONS

Sprinkler Irrigation-Notes

Observe all Systems Requirements and Instructions above. Set sprinkler system to deliver 0.1 to 1.25 inches of water per acre. Volumes of water higher than this may reduce efficacy. Start sprinkler and then uniformly inject the suspension of Thiophanate Methyl 4.5F into the irrigation water line so as to deliver the desired rate per acre. The suspension of Thiophanate Methyl 4.5F should be injected with a positive displacement pump into the main line ahead of a right angle to insure adequate mixing.

NOTE: When treatment with Thiophanate Methyl 4.5F has been completed, do not irrigate the treated area for 24 to 48 hours to prevent washing the chemical off the crop.

Drip (MiniMicro Sprinklers, Strip Tubing, Trickle) Irrigation-Notes

Observe all System Requirements and Application Instructions above.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in 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, absorb with sand or other inert material and dispose of absorbent 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 used 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 (flexible-bag-all weights): Nonrefillable container. Do not reuse or refill this container.

Offer for recycling, if available. After bag has been emptied, dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid-fifty lbs. or less): Nonrefillable container. Do not reuse or refill this container.

Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Nonrefillable Container (rigid-greater than fifty lbs.): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty

the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Refillable Container: Refillable container. Refill this container with thiophanate methyl only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL INFOTRAC AT (800) 535-5053.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

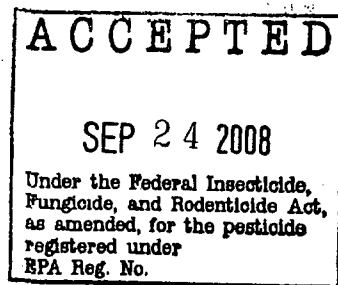
By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY.**

CONDITIONS: 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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Makhteshim Agan of North America, Inc. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Makhteshim Agan of North America, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

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Thiophanate Methyl 4.5F (66222-134)(rev to EPA 9-12-08)



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