100 - 889

10/9/2009



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

> OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

OCT

9 2009

Mrs. Teresa Cox Regulatory Product Manager Syngenta Crop Protection, Inc. P.O. Box 18300 Greensboro, NC 27419

RE: Notification of an Alternate Brand Name: Mertect PF EPA Registration Number: 100-889 Date of Submission: August 10, 2009

Dear Mrs. Cox:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated, August 10, 2009, for the above mentioned product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

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

♣EPA	· · ·)	َنَّ ed States Environmental Protection Agency		Reg [*])	OPP Identifier Number
	Washington, DC 20460		;	Other		
· · · · · · · · · · · · · · · · · · ·		Application for P	·			. <u> </u>
L Company/Product N 100-889	Number		2. EPA Product N Tony Kish	lanager	3.	Proposed Classification
4. Company/Product (I	Name) ate brand name Mertect PI	1	PM# 22			None Restricted
5. Name and Address	of Applicant (Include ZIP Co op Protection, Inc. 3300	de)				FIFRA Section 3(c)(3) (b)(i), n and labeling to:
	t if this is a new address		Product Name			
		Sect	ion - II			. <u>.</u>
Amendment - E	xplain below. n response to Agency letter d		Age	Il printed labe ncy letter date Too" Applica	ed	Se to
x Notification - Ex			······································	er - Explain be		OCT - 9 2009
	ditional page(s) if necessa				510 VV.	
penalties under sectio	40 CFR 152.46, this produ ns 12 and 14 of FIFRA.	-	4	-	-	
		otification of an al	ternate brand nam	e for Merteo	xt 340-F, E	PA Reg. No. 100-889. The
proposed alternate bra	and name is Mertect PF.		ternate brand nam	e for Merted	xt 340-F, E	PA Reg. No. 100-889. The
proposed alternate bra	uct Will Be Packaged In:	Secti	on – III		ct 340-F, E	
1. Material This Prod Child-Resistant Packagin Yes*	uct Will Be Packaged In: Dg Unit Packaging Yes	Section Sectio	on – III ater Soluble Packagi Yes		Type of C	Container Metal
1. Material This Prod Child-Resistant Packagin Yes* No	uct Will Be Packaged In: Dg Unit Packaging Yes X No	Section Sectio	on – III ater Soluble Packagi Yes No	ng 2.		Container Metal Plastic Glass
1. Material This Prod Child-Resistant Packagin Yes*	uct Will Be Packaged In: Dg Unit Packaging Yes	No. per If "Ye	on – III ater Soluble Packagi Yes No	ng 2. per	Type of C	Container Metal Plastic
Description of Net Con	uct Will Be Packaged In: Dg Unit Packaging Yes X No If "Yes" Unit Packaging wgt itents Information	No. per If "Ye	on – III ater Soluble Packagi Yes No Ss" No Packaging wgt. cor	ng 2. per itainer	Type of C x 	Container Metal Plastic Glass Paper Other (Specify) abel Directions
proposed alternate bra I. Material This Prode Child-Resistant Packagin Yes* No *Certification must be submitted 3. Location of Net Con X Label	uct Will Be Packaged In: ng Unit Packaging Yes X No If "Yes" Unit Packaging wgt itents Information Container	No. per Container 4. Size(s) Retail 2 gallons	on – III ater Soluble Packagi Yes No Ss" No Packaging wgt. cor Container	ng 2. per ttainer 5. L	Type of C x 	Container Metal Plastic Glass Paper Other (Specify) abel Directions bel beling accompanying product
proposed alternate bra 1. Material This Prode Child-Resistant Packagin Yes* No *Certification must be submitted 3. Location of Net Con X Label	uct Will Be Packaged In: Dg Unit Packaging Yes X No If "Yes" Unit Packaging wgt itents Information	No. per Container 4. Size(s) Retail	on – III ater Soluble Packagi Yes No ss" No Packaging wgt. cor Container	ng 2. per ttainer 5. L	Type of C x 	Container Metal Plastic Glass Paper Other (Specify) abel Directions bel beling accompanying product
A definition of Net Con X Label Manner in Which La	uct Will Be Packaged In: ng Unit Packaging mg Yes ing Yes ing If "Yes" Unit Packaging wgt itents Information Container abel is Affixed to Product	Secti Wa Xa No. per Container 4. Size(s) Retail 2 gallons Lithograph Paper glued Stenciled Secti	on – III ater Soluble Packagi Yes No Packaging wgt. cor Container x d on – IV	ng 2. . per .tainer 5. L X	Type of C x .ocation of L On Lab On Lab	Container Metal Plastic Glass Paper Other (Specify) abel Directions bel peling accompanying product <u>ve</u>
A definition of Net Con X Label Manner in Which La	uct Will Be Packaged In: ng Unit Packaging Yes X No If "Yes" Unit Packaging wgt itents Information Container	Secti Wa Xa No. per Container 4. Size(s) Retail 2 gallons Lithograph Paper glued Stenciled Secti	on – III ater Soluble Packagi Yes No Packaging wgt. cor Container x d on – IV	ng 2. . per .tainer 5. L X	Type of C x .ocation of L On Lab On Lab	Container Metal Plastic Glass Paper Other (Specify) abel Directions beling accompanying product <u>ve</u> this application.)
	uct Will Be Packaged In: ng Unit Packaging mg Yes ing Yes ing If "Yes" Unit Packaging wgt itents Information Container abel is Affixed to Product	Section No. per If "Ye Container Unit 4. Size(s) Retail 2 gallons 4. Size(s) Retail 2 gallons Lithograph Paper glued Stenciled Section Stenciled Title Title Regula	on – III ater Soluble Packagi Yes No Packaging wgt. cor Container x d on – IV	ng 2. per tainer 5. L X Other Pres <i>I, if necessary</i>	Type of C x .ocation of L On Lab On Lab	Container Metal Plastic Glass Paper Other (Specify) abel Directions bel peling accompanying product <u>ve</u> <u>this application.)</u> one No. (Include Area Code) 2-2257
	uct Will Be Packaged In: ng Unit Packaging ng Yes ing Yes ing If "Yes" Unit Packaging wgt itents Information Container abel is Affixed to Product inplete items directly below for rements I have made on this fany knowingly false or mislea	No. per Container 4. Size(s) Retail 2 gallons Lithograph Paper glues Stenciled Stenciled Certification of indiv Title Regula Certification	on – III ater Soluble Packagi Yes No Packaging wgt. cor Container Container Mo Packaging wgt. cor Container Mo Packaging wgt. cor Container Mo No Packaging wgt. cor Container Mo No Packaging wgt. cor Container	ng 2. per tainer 5. L X) Other <u>Pres</u> <i>I, if necessary</i> er accurate and	Type of C x .ocation of L On Lab On Lab sure Sensiti 7, to process Teleph 336-63 complete.	Container Metal Plastic Glass Paper Other (Specify) abel Directions beling accompanying product <u>ve</u> <u>this application.</u>) one No. (Include Area Code)
	uct Will Be Packaged In: ng Unit Packaging ng Yes No If "Yes" Unit Packaging wgt itents Information Container abel is Affixed to Product Interest directly below for rements I have made on this fany knowingly false or mislea le law.	Section No. per If "Ye Container Unit 4. Size(s) Retail 2 gallons Lithograph Paper glued Stenciled Section <i>ridentification of indiv</i> Title Regula Certification form and all attachmed 3. Title	on – III ater Soluble Packagi Yes No Packaging wgt. cor Container Container <u>A</u> <u>on – IV</u> ridual to be contacted atory Product Manag ents thereto are true, be punishable by fine	ng 2. per tainer 5. L X) Other <u>Pres</u> <i>I, if necessary</i> er accurate and	Type of C x .ocation of L On Lab On Lab sure Sensiti 7, to process Teleph 336-63 complete.	Container Metal Plastic Glass Paper Other (Specify) abel Directions bel beling accompanying product <u>ve</u> <u>this application.)</u> one No. (Include Area Code) 2-2257 6. Date Application Received (Stamped)
	uct Will Be Packaged In: ng Unit Packaging ng Yes No If "Yes" Unit Packaging wgt itents Information Container abel is Affixed to Product Interest directly below for rements I have made on this fany knowingly false or mislea le law.	Section No. per If "Ye Container Unit 4. Size(s) Retail 2 gallons Lithograph Paper glued Stenciled Section <i>ridentification of indiv</i> Title Regula Certification form and all attachmed 3. Title	on – III ater Soluble Packagi Yes No Packaging wgt. cor Container Container Mo Packaging wgt. cor Container Mo Packaging wgt. cor Container Mo No Packaging wgt. cor Container Mo No Packaging wgt. cor Container	ng 2. per tainer 5. L X) Other <u>Pres</u> <i>I, if necessary</i> er accurate and	Type of C x 	Container Metal Plastic Glass Paper Other (Specify) abel Directions bel beling accompanying product <u>ve</u> <u>this application.)</u> one No. (Include Area Code) 2-2257 6. Date Application Received (Stamped)
	uct Will Be Packaged In: ng Unit Packaging ng Yes No If "Yes" Unit Packaging wgt itents Information Container abel is Affixed to Product Interest directly below for rements I have made on this fany knowingly false or mislea le law.	Section No. per If "Ye Container Unit 4. Size(s) Retail 2 gallons 4. Size(s) Retail 2 gallons Lithograph Paper glued Stenciled Section ridentification of indiv Title Certification Title form and all attachmed 3. Title 3. Title Regulatory 5. Date 5. Date	on – III ater Soluble Packagi Yes No Packaging wgt. cor Container Container Mo Packaging wgt. cor Container Mo Packaging wgt. cor Container Mo Packaging wgt. cor Container Product Manager Product Manager	ng 2. per tainer 5. L X) Other <u>Pres</u> <i>I, if necessary</i> er accurate and	Type of C x .ocation of L On Lab On Lab Sure Sensiti 7, to process Telepha 336-63 complete.	Container Metal Plastic Glass Paper Other (Specify) abel Directions bel beling accompanying product <u>ve</u> <u>this application.)</u> one No. (Include Area Code) 2-2257 6. Date Application Received (Stamped)
	uct Will Be Packaged In: ng Unit Packaging ng Yes No If "Yes" Unit Packaging wgt itents Information Container abel is Affixed to Product Interest directly below for rements I have made on this fany knowingly false or mislea le law.	Section No. per If "Ye Container Unit 4. Size(s) Retail 2 gallons 4. Size(s) Retail 2 gallons Lithograph Paper gluer Stenciled Section ridentification of indiv Title Certification Title form and all attachmed 3. Title 3. Title Regulatory	on – III ater Soluble Packagi Yes No Packaging wgt. cor Container Container Mo Packaging wgt. cor Container Mo Packaging wgt. cor Container Mo Packaging wgt. cor Container Product Manager Product Manager	ng 2. per tainer 5. L X) Other <u>Pres</u> <i>I, if necessary</i> er accurate and	Type of C x ocation of L On Lab On Lab sure Sensiti 7, to process Teleph 336-63 complete.	Container Metal Plastic Glass Paper Other (Specify) abel Directions beling accompanying product <u>ve</u> <u>this application.</u>) one No. (Include Area Code) 2-2257 6. Date Application Received (Stamped)
	uct Will Be Packaged In: ng Unit Packaging ng Yes No If "Yes" Unit Packaging wgt itents Information Container abel is Affixed to Product Interest directly below for rements I have made on this fany knowingly false or mislea le law.	Section No. per If "Ye Container Unit 4. Size(s) Retail 2 gallons 4. Size(s) Retail 2 gallons Lithograph Paper glued Stenciled Section ridentification of indiv Title Certification Title form and all attachmed 3. Title 3. Title Regulatory 5. Date 5. Date	on – III ater Soluble Packagi Yes No Packaging wgt. cor Container Container Mo Packaging wgt. cor Container Mo Packaging wgt. cor Container Mo Packaging wgt. cor Container Product Manager Product Manager	ng 2. per tainer 5. L X) Other <u>Pres</u> <i>I, if necessary</i> er accurate and	Type of C x .occation of L On Lab On Lab Sure Sensiti 7, to process Telepha 336-63 complete.	Container Metal Plastic Glass Paper Other (Specify) abel Directions bel beling accompanying product <u>ve</u> <u>this application.)</u> one No. (Include Area Code) 2-2257 6. Date Application Received (Stamped)

Syngenta Crop Protec Inc. P.O. Box 18300 Greensboro, NC 27419-8300 www.syngenta.com

syngenta

FedEx

August 10, 2009

Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) U.S. Environmental Protection Agency Room S-4900, One Potomac Yard 2777 South Crystal Drive Arlington, VA 22202-4501

Attention: Ms. Linda Arrington

SUBJECT: MERTECT® 340-F FUNGICIDE EPA REG. NO. 100-889 NOTIFICATION OF AN ALTERNATE BRAND NAME

Syngenta Crop Protection, Inc. is submitting Notification of an alternate brand name for Mertect 340-F Fungicide, EPA Reg. No. 100-889. The proposed alternate brand name is Mertect PF. One copy of the label with the alternate brand name highlighted is attached, a CD of the label with the alternate brand name for electronic comparison, a Certificate with Respect to Label Integrity form, and EPA Form 8570-1.

Thank you in advance for approving this request. If you have any questions, please contact me at 336-632-2257.

.

Sincerely, Veresa & Cit

Teresa Cox Regulatory Product Manager

Enclosures

Certification with Respect to Label Integrity

Version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL					
EPA Registration #	Date Submitted to EPA	Electronic file name			
100-889	8/10/2009	000100-00889.20090807.MERTECT-340F_NOTIF_AUG2009.pdf			

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

leresa & Cox

August 10, 2009 Date

Signature

Teresa Cox Name (typed)

Regulatory Product Manager

Title

[MASTER BOOKLET]

Fungicide

NOTIFICATION

01

Flowable (Water-Dispersible Suspension)

OCT - 9 2009

Active Ingredient:	
Thiabendazole: 2-(4-thiazolyl)benzimidazole*	
Other Ingredients:	57.7%
Total:	100.0%

*4.1 lbs. active ingredient/gallon

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-889

EPA Est. 39578-TX-1

Product of India Formulated in the USA

2 gallons [Product ID 10078] Net Contents

	FIRST AID
If Inhaled:	Move person to fresh air.
	 If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
	Call a poison control center or doctor for further treatment advice.
doctor, or goin	uct container or label with you when calling a poison control center or g for treatment. You may also contact 1-800-888-8372 for emergency ent information.
	HOT LINE NUMBER
For	24 Hour Medical Emergency Assistance (Human or Animal) or
Ch	emical Emergency Assistance (Spill, Leak, Fire, or Accident),
	Call
	1-800-888-8372

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if inhaled. Avoid breathing spray mist.

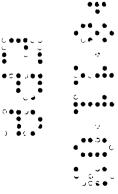
Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Shoes plus socks

In addition to the above, handlers making application to mushroom houses using hand held sprayers must wear chemical resistant gloves.

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.



íq

-2-

User Safety Recommendations Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticides get 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.

Environmental Hazards

This pesticide is toxic to fish. Do not apply when weather conditions favor runoff or drift from the target area. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of waste.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during clean-up procedures and disposal of wastes.

NOT FOR USE IN FORMULATING AGRICULTURAL PESTICIDES.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

-4-

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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 referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

-5-

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.

Manual seed treatments are prohibited.

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.

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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

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

GENERAL INFORMATION

is a systemic fungicide which aids in the control of many important plant diseases. If treatment is not effective following use of **Constitution** as recommended, a tolerant strain of fungus may be present. Consideration should be given to prompt use of other suitable non-benzimidazole fungicides.

CROP USE DIRECTIONS

GENERAL - SHAKE OR STIR WELL BEFORE USE.

Clean equipment before using **Sector (19)**. When **Sector (19)**. When **Sector (19)** is dispersed in water, the resulting suspension must be constantly agitated. Avoid foaming.

Use the higher recommended rates under conditions of heavier disease pressure.

Compatibility information for **example to the second with other chemicals is limited**. Consult your supplier or agricultural experiment station for specific recommendations.

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

Carrots – *Botrytis cinerea* Gray Mold and *Sclerotinia sclerotiorum* (Sclerotinia Rot): Dip carrots, before storage, for 5-10 seconds in a suspension containing 41 fl. oz. of **Carrots and the suspension** per 100 gals. of water. Replenish the suspension when the volume is too low or when it becomes dirty.

The runoff and wastes from the dipping operation should not be discarded in a drainage which could contaminate public water systems.

Citrus (One Application Only) – Blue mold (*Penicillium digitatum***), Green mold (***Penicillium italicum***), and stem end rot (***Diplodia natalensis***)**: Dip, flood, or spray harvested fruit with a suspension of **Sector Constant and Sector** in water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion. Rate will vary according to application method; please refer to the following for specific rates for citrus blue mold control.

Citrus Bin Dips, Floods and Drenches

Use 26 fl. oz. of **Example 2000** in 100 gal of water to provide 1000 ppm TBZ. Citrus must be drenched for three (3) minutes. Use one (1) gallon of liquid per 1500-2000 lbs citrus or 100 gallons of liquid for about 30 bins. Avoid excessive foaming, use antifoam if needed.

Citrus Sprays

Use 52-91 fl. oz. Use 52-91 fl

For sporulation control, apply 130 fl. oz of **Example 10** (10) (20) (20) in 100 gal of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion to provide 5000 ppm. Apply at a rate of one gallon per 8,000 – 10,000 lbs citrus fruit.

Mushrooms (*Agaricus* spp.) – Dry Bubble (*Verticillium fungicola*), Wet Bubble (*Mycogone perniciosa*), Cobweb (*Dactylium dendroides*) and Green Mold (*Trichoderma* spp.):

Addition to mushroom supplements – To a finished batch of mushroom supplement, add up to 0.1% active ingredient (by weight) of **Sector**.

Applying to mushrooms - development of the second should be applied as a drench during normal watering operations. Apply at spawning, casting, and between breaks. Up to 8 fl. oz./1,000 sq. ft. can be applied at casting while a maximum of 4 fl. oz./1,000 sq. ft. can be applied at the other timings. Do not apply more than 20 fl. oz./1,000 sq. ft.

per crop unless a supplement containing

below for maximum amount that can be applied to a crop. Do not apply within 12 hours prior to harvest.

Lbs supplement*	Maximum amount of	
per 8,000 sq. ft.	per per	
	1,000 sq. ft. per crop (fl. oz.)	
800	17	
1200	15	
1400	14.5	
1800	13	
2200	11	
2400	9	

*Assumes at maximum rate of 0.1% thiabendazole

Note: If you are unsure if the mushroom supplement that you are using contains thiabendazole, contact the manufacturer of the mushroom supplement.

Ornamental Bulbs and Corms (One Application Only) – *Fusarium* Basal Rot and *Penicillium* Blue Mold: Clean and treat bulbs or corm within 24-48 hours of digging. Prepare suspension of 30 fl. oz. of **Contract Contract C** 55-75°F (13-24°C). Discard suspension (1) when it becomes dirty, (2) after using five times, or (3) after 24 hours, whichever occurs first.

-8-

Fusarium (Bulbs and Corms): Dip bulbs 15-30 minutes, corms 15 minutes.

Blue Mold (Bulbs): Dip 10-15 minutes.

After treatment, dry bulbs or corms in a shaded, well-ventilated area. Curing or retarding may precede or follow treatment.

Potato – Fusarium Tuber Rot: Mist unwashed tubers on a conveyor line, with
 tumbling action, entering storage with 0.42 fl. oz. of 2,000 lbs. of tubers in sufficient water for complete coverage. If an additional treatment is necessary before shipping, mist the tubers at the same rate or dip the tubers for 20
 seconds in a solution containing 0.42 fl. oz. of 2,000 lbs. Of 2,000 lbs. Do not treat seed potatoes after cutting.

Management Program, which includes prevention of bruising during harvest and maintaining proper storage temperature and relative humidity. Neither cultural practices nor chemical measures will prevent *Fusarium* infection if potatoes are damaged or improperly stored.

Pome Fruit (Apples and Pears) – Blue Mold Rot, Bull's Eye Rot, and Gray Mold (Nest Rot, Cluster Rot), Stem End and Neck Rot: Dip, flood, or spray harvested fruit
 with a suspension of 16 fl. oz. of the second state of the storage for maximum decay treat for over 3 minutes. Treat apples only before and after storage for maximum decay control. Treat pears only once.

Sweet Potato (One Application Only) "Seed Roots" – Black Rot, Scurf, and Foot Rot: Dip the seed roots in a suspension containing 8 fl. oz. of <u>sectors</u> (Accepted) per 7.5 gals. of water (107 fl. oz. per 100 gals.). Treat the seed roots for 1-2 minutes and plant immediately. Discard the suspension when the volume is too low or when it becomes dirty. Do not use the treated roots for food or feed.

SEED TREATMENT

Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigor and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of seed before committing the total seed lot to a selected seed treatment. Due to seed quality and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of carry-over seed or propagating material for all crop seed.

Seed treatment with **Example 1** *increase* fungicide will not provide postemergence protection of plants grown in or near infected fields.

Mixing Procedures

Apply **and the sed treatment** as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the recommended amount of **and the sed treatment** into the required amount of water for the slurry treater and dilution rate to be used. Follow the manufacturer application instructions for the seed treatment equipment being used. Maintain constant agitation of the slurry during the treatment. Allow seed to dry before bagging.

-9-

Federal law requires that bags containing treated seed shall be labeled with the following information: "This seed has been treated with thiabendazole fungicide. Do not use for feed, food, or oil purposes. Store away from feed and foodstuffs. Use an EPA-approved dye or colorant that imparts an unnatural color to the seed."

Mixing with other pesticides is limited to adequate physical compatibility and satisfactory phytotox test results.

Peas (Dry)

Chickpea (garbanzo beans) (*Cicer arietinum*)

Lentil (*Lens esculenta*)

Peas (*Pisum* spp.)

Pigeon peas (Cajanus cajan) Ascochyta blight caused by the pathogen *Ascochyta rabiei*. Seed to effectively suppress seed borne seed treatment must also be used to minimize the threat of highly infectious and limit spread of residue-borne and wind-borne infection of chickpeas and lentil crops by *Ascochyta* blight.

Chickpea Seed Treatment: For slurry solutions in water, mix 2.04 fluid oz of **chicket** fungicide in an equal amount of water (1:1) to provide adequate coverage and apply to 100 lbs. of seed. Keep dispersion under constant agitation. It is essential that thorough coverage of seed be obtained.

Lentil Seed Treatment: For slurry solutions in water, mix 1.05 fluid oz of **Lentil Seed** fungicide in an equal amount of water (1:1) to provide adequate coverage and apply to 100 lbs. of seed. Keep dispersion under constant agitation. It is essential that thorough coverage of seed be obtained.

Peas Seed Treatment: For a ready mix or slurry treaters, mix 1.02 fluid oz of **Peas Seed Treatment:** fungicide in adequate water to provide complete coverage and apply to 100 lbs. of seed. Keep dispersion under constant agitation. It is essential that thorough coverage of seed be obtained.

For Export Use on Peas: The second and the second and the importing Nation's Phytosanitary requirements. Treated seed must be labeled "for Export Only"- Not to be Sold or Offered for Sale in the United States.

For best results against Ascochyta blight, plant chickpeas, peas or lentil seed treated with **seed treated functions of the set of t**

Restrictions and Limitations

- Maximum one application per season.
- This product must not be tank mixed with any pesticide unless physical compatibility and phytotoxicity tests have been completed and proved to be satisfactory.
- Do not feed vines or hay grown from treated seed to livestock.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage

Store **Store** Financial **Store** in a cool, dry place away from food, drink, and animal feeding stuffs. Do not store below 32°F (0°C). Repeated product freezing and thawing should be avoided. Shake or stir product before use.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility in accordance with Federal, State or local procedures under the Resource Conservation and Recovery Act.

Container Disposal

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

Residue Removal [capacities equal to or less than 5 gallons]

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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.

For Bulk and Minibulk Containers:

Residue Removal [capacities greater than 5 gallons]

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1⁄4 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.

Container Disposal

Refillable container. Refill this container with second second only. Do not reuse this container for any other purpose.

Residue Removal

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.

Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions and damaged or worn threads on closure devices.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

Apron®, ApronMAXX®, Maxim®, Mertect®, the Syngenta logo and the CP FRAME are trademarks of a Syngenta Group Company

©200_Syngenta

For non-emergency (e.g., current product information), call Syngenta Crop Protection at 1-800-334-9481.

Manufactured for: Syngenta Crop Protection, Inc. P.O. Box 18300 Greensboro, North Carolina 27419-8300

CONTAINER LABEL

and the second

Fungicide

Flowable (Water-Dispersible Suspension)

Active Ingredient:	
Thiabendazole: 2-(4-thiazolyl)benzimidazole*	
Other Ingredients:	57.7%
Total:	100.0%

*4.1 lbs. active ingredient/gallon

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See directions for use inside booklet.

AGRICULTURAL USE REQUIREMENTS

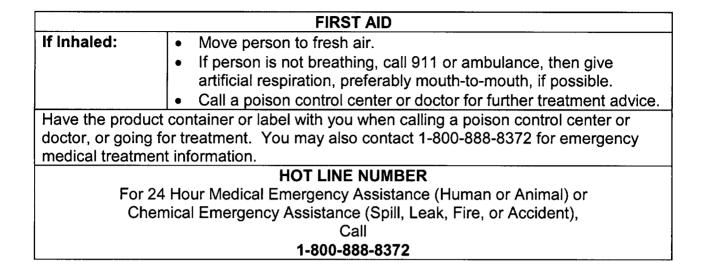
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-889

EPA Est. 39578-TX-1

Product of India Formulated in the USA

2 gallons Net Contents



PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if inhaled. Avoid breathing spray mist.

Environmental Hazards

This pesticide is toxic to fish. Do not apply when weather conditions favor runoff or drift from the target area. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of waste.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during clean-up procedures and disposal of wastes.

NOT FOR USE IN FORMULATING AGRICULTURAL PESTICIDES.

-15-

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage

Store **Example 1** in a cool, dry place away from food, drink, and animal feeding stuffs. Do not store below 32°F (0°C). Repeated product freezing and thawing should be avoided. Shake or stir product before use.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility in accordance with Federal, State or local procedures under the Resource Conservation and Recovery Act.

Container Disposal

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

Residue Removal [capacities equal to or less than 5 gallons]

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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.

Mertect® and the Syngenta logo are trademarks of a Syngenta Group Company

©200_Syngenta

Manufactured for: Syngenta Crop Protection, Inc. P.O. Box 18300 Greensboro, North Carolina 27419-8300

MER 340-F 889 MAS 0209 - pd - 08/06/09 MER 340-F 889 MAS 0209 NOTIF 0809 - pd - 08/06/09 (pl - 8/7/09)