100-1262

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



AUG 9 2010

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Ms. Betty Brame Product Registration Syngenta Crop Protection, Inc. P.O. Box 18300 Greensboro, NC 27419

SUBJECT: Application for Pesticide Notification (PRN 98-10) Request Alternate Brand Name "Top MP" EPA Reg. No. 100-1262 Application Dated July 27, 2010

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 07/27/10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" received but not reviewed and will be placed in our records.

If you have any questions, please call me directly at 703-305-5335 or Owen F. Beeder of my staff at 703-308-8899.

1 C. Halloman Sincerely.

Paul J. Mastradone, Ph.D., Acting Notifications & Minor Formulations Team Leader Registration Division (7505P) Office of Pesticide Programs

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Pyngcnta (United States		Registratio	n 194	OPP Identifier Number
P.O. Box Contection	Agency		U.Box	
Washington, DC 20460		Other		· · ·
Application 1	for Pesticide - Section	on I	2 0.	anoand Classification
		lanager	J. FI	oposed classification
100-1262	Mr.Tony Kish		<u></u>	
4. Company/Product (Name)	PM#			None Restricted
 Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 O. Box 18300 	6. Expedited Rey my product is similar	view. In accordar or identical in cor	nce with FIF nposition a	FRA Section 3(c)(3) (b)(i), nd labeling to:
Check if this is a new address	Product Name			
	Section - II			
Amendment - Explain below.	Fina	al printed labels in	response t	to
Resubmission in response to Agency letter dated	Age "Me	ncy letter dated Too" Application.	Ne	THEATION
x Notification - Explain below.	Oth	er - Explain below	A	UG - 9 2010
Syngenta Crop Protection, Inc. is submitting notification of an January 16, 2008. The alternate brand name for Inspire will brand name highlighted. This is the only change made to this	alternate brand name f be Top MP. Enclosed a label. <u>To complete</u> thi	or Inspire® which re three copies s notification, El	ch was ap of the labe PA Form 8	proved by EPA el with the alternate 3570-1 is also enclosed.
	Section – III			
1. Material This Product Will Be Packaged In:	Water Soluble Packagi		vpe of Con	tainer
Yes* Yes	Yes			etal
X No	X No		X Pl	astic
*Certification must If "Yes" No. per	lf "Yes" No	. per	Pa	aper
be submitted Unit Packaging wgt. Container	Unit Packaging wgt. cor	ntainer	01	ther (Specify)
3. Location of Net Contents Information 4. Size(s)	Retail Container	5. Loca	tion of Lab	el Directions
x Label Container 2.46 gallons,	Bulk	×	On Label On Labeli	ng accompanying product
6. Manner in Which Label is Affixed to Product	graph x	Other <u>Press</u>	sure Sensiti	ive
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1 Contact Doint (Complete items directly below for identification a	Section – IV	t if nacessant to	orocasa th	is application f
Name	Title	i, ii necessary, to	Talephone	e No. (Include Area Code)
Betty Brame	Regulatory Specialist II		336-632-	-7466cc
Certification I certify that the statements I have made on this form and all atta I acknowledge that any knowingly false or misleading statement both under applicable law.	on achments thereto are true, may be punishable by fine	accurate and com or imprisonment	or	6. Date:Application Received ' , , '(Stamped)
2. Signature 3.	Title		(č (
Betty Brame Regu	latory Specialist II			
4. Typed Name 5. I	Date	·····		-
Betty Brame July	27, 2010			



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

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FEDERAL EXPRESS

July 27, 2010

Document Processing Desk (NOTIF) Office of Pesticide Programs (H7504C) U.S. Environmental Protection Agency Room S-4900, One Potomac Yard 2777 South Crystal Drive Arlington, VA 22202

Attention: Mr. Tony Kish, PM Team 22

Dear Mr. Kish:

SUBJECT: INSPIRE® EPA REG. NO. 100-1262 NOTIFICATION OF ALTERNATE BRAND NAME

Syngenta Crop Protection, Inc. is submitting notification of an alternate brand name for Inspire® which was approved by EPA January 16, 2008. The alternate brand name for Inspire will be Top MP. Enclosed are three copies of the label with the alternate brand name highlighted. This is the only change made to this label. To complete this notification, EPA Form 8570-1 is also enclosed.

If you have any questions, please contact me at 336-632-7466.

Respectfully submitted,

Betty Brame

Betty Brame Regulatory Specialist II

Enclosures

cc: Ruhi Rezaaiyan

[MASTER LABEL]

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GROUP 3 FUNGICIDE

Inspire Top MP

NOTIFICATION

Fungicide

AUG - 9 2010

Active Ingredient:	
Difenoconazole*:	
Other Ingredients**:	76.8%
Total:	100.0%

*CAS No. 119446-68-3 **Contains petroleum distillates

Contains 2.08 lbs. ai/gal. of difenoconazole

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1262

EPA Est.

Product of

SCP 1262D-

2.46 gallons (315 fl. ozs.) _____gallons Net Contents



	FIRST AID
lf in eyes	 Hold eye open and rinse slowly and gently with water for 15-20 minutes.
	 Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
	Call a poison control center or doctor for treatment advice.
If swallowed	 Immediately call a poison control center or doctor.
	 Do not induce vomiting unless told to do so by a poison control center or doctor.
	 Do not give any liquid to the person.
	 Do not give anything by mouth to an unconscious person.
lf on skin or	Take off contaminated clothing.
clothing	Rinse skin immediately with plenty of water for 15-20 minutes.
	Call a poison control center or doctor for treatment advice.
If inhaled	Move person to fresh air.
	 If person is not breathing, call 911 or an ambulance, then give
	artificial respiration, preferably by mouth-to-mouth, if possible.
	 Call a poison control center or doctor for further treatment advice.
	NOTE TO PHYSICIAN
Contains petroleu	um distillates - vomiting may cause aspiration pneumonia.
Have the product	container or label with you when calling a poison control center or
doctor, or going f	or treatment.
	HOT LINE NUMBER
For 24	4-Hour Medical Emergency Assistance (Human or Animal)
Or Che	emical Emergency Assistance (Spill, Leak, Fire or Accident)
	1-800-888-8372

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

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WARNING/AVISO

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed. Avoid contact with skin, eyes, or clothing.

Personal Protective Equipment

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category F or G on an EPA chemical-resistant category selection chart.

-3-

Mixers, loaders, applicators and all other handlers must wear:

- Chemical resistant gloves such as barrier laminate, butyl rubber greater than or equal to 14 mils, nitrile rubber greater than 14 mils, or Viton® greater than 14 mils
- Protective eyewear
- Long-sleeved shirt and long pants
- Socks and shoes

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.

Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft 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:

- 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.

Environmental Hazards

This pesticide is toxic to fish, mammals, and aquatic invertebrates. Drift and runoff may be hazardous to aquatic **estuarine/marine** organisms in water adjacent to treated area. Do not apply directly to water, areas where surface water is present, or intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

This product may contaminate water through drift or spray in wind. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this products' potential to reach surface water.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or regional office of the EPA.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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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.

-5-

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.

--6--

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.

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. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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:

- Chemical resistant gloves such as barrier laminate, butyl rubber greater than or equal to 14 mils, nitrile rubber greater than 14 mils, or Viton greater than 14 mils
- Protective eyewear
- Coveralls
- Socks and shoes

NON-AGRICULTURAL USE REQUIREMENTS

-7-

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

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

GENERAL INFORMATION

Inspire<u>Top MP</u> is a broad spectrum fungicide with systemic and curative properties recommended for the control of many important plant diseases. Inspire<u>Top MP</u> may be applied as a foliar spray in alternating spray programs or in tank mixes with other crop protection products. All applications must be made according to the use directions that follow.

GENERAL USE INSTRUCTIONS

Application: Thorough coverage is necessary to provide good disease control. Make up no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

Efficacy: Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if maximum amount of <u>InspireTop MP</u> has been used. If resistant isolates to Group 3 fungicides are present, efficacy can be reduced. Under high disease pressure, it is recommended to use the highest rate and shortest interval.

Rotational Crops: To avoid possible illegal residues, do not plant any other crop within 8 months of an <u>InspireTop MP</u> application to the preceding crop unless the crop appears on this label. Cereals (wheat, barley, triticale), cotton, sweet corn, canola, fruiting vegetables, pome fruit, sugar beet, potatoes and all vegetables in tuberous and corm subgroup crops may be planted within 0 days of an <u>InspireTop MP</u> application.

Crop Tolerance: Please see the table below for the crop rotational restrictions.

-8-

Rotational Crop	Planting Time From Last InspireTop MP Application
Brassica (Cole) leafy vegetables	
Bulb vegetables	
Canola	
Cereals (wheat, barley, triticale)	
Cotton	
Cucurbit vegetables	0 dava
Fruiting vegetables	0 days
Potatoes	
Sugar beets	
Sweet corn	
Tomatoes	
Tuberous and corm vegetables	
All other crops intended for food and feed	8 months

Spray Drift Management: To avoid spray drift, do not apply when conditions favor drift beyond the target area. The interaction of many equipment and weather related factors determine the potential for spray drift. AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER. More information on managing spray drift can be found on the Syngenta Crop Protection website under Stewardship (<u>http://www.syngentacropprotection-us.com/enviro/driftmanagement/index.asp?nav=drift_management</u>).

IPM: Inspire Top MP should be integrated into an overall disease and pest management strategy (IPM) whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. Consult your local agricultural authorities for additional IPM strategies established for your area. Inspire Top MP may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

RESISTANCE MANAGEMENT

Inspire Top MP is in the Group 3 class fungicides. The mode of action of Inspire Top MP is as a demethylation inhibitor of sterol biosynthesis (DMI) which disrupts membrane synthesis by blocking demethylation. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include rotating and/or tank mixing with products having different modes of action or limiting the

total number of applications per season. Syngenta Crop Protection encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label. <u>InspireTop MP</u> should not be alternated or tank mixed with any fungicide to which resistance has already developed.

For resistance management, do not apply to plants grown for transplanting purposes.

SPRAY EQUIPMENT

Nozzles

- Equip sprayers with nozzles that provide accurate and uniform application.
- Nozzles should be the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- It is suggested that screens be used to protect the pump and to prevent nozzles from clogging.
- Screens placed on suction side of pump should be 16-mesh or coarser.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's recommendations.

Pump

- Use a pump with capacity to:
 - (1) Maintain sufficient pressure at the nozzle tip to give the required flow rate and droplet size to provide acceptable coverage of the target crop.
 - (2) Provide sufficient agitation in tank to keep mixture in suspension this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural recommendations.

MIXING INSTRUCTIONS

- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of
 pesticide rinsate by application to an already treated area.

Inspire<u>Top MP</u> Alone (no tank mix):

- Add $\frac{1}{2}-\frac{2}{3}$ of the required amount of water to the spray or mixing tank.
- With the agitator running, add Inspire<u>Top MP</u> to the tank.
 - Continue agitation while adding the remainder of the water.
 - Begin application of the spray solution after <a href="https://www.into.com/https://ww

-10-

• Maintain agitation until all of the mixture has been sprayed.

InspireTop MP + Tank Mixtures: InspireTop MP is usually compatible with all tankmix partners. To determine the physical compatibility of InspireTop MP with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

Mixing in the Spray Tank

- Add $\frac{1}{2}-\frac{2}{3}$ of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and <u>InspireTop MP</u> to the spray tank.
- Allow Inspire Top MP to completely disperse.
- Spray the mixture with the agitator running.
- Observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix product label.
- Label dosage rate must not be exceeded, and the most restrictive label precautions and limitations must be followed.
- This product must not be mixed with any product which prohibits such mixing.

APPLICATION PROCEDURES

Ground Application:

• Apply in a minimum of 10 gals. of water per acre, unless specified otherwise.

Aerial Application:

- Use only on crops where aerial applications are indicated.
- Apply in a minimum of 5 gals. of water per acre, unless specified otherwise. For pome fruit apply in a minimum of 10 gals. of water per acre.
- Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur.
- Do not apply directly to humans or animals.

Application Through Irrigation Systems (Chemigation)

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- Use only on crops for which chemigation is specified on this label.
- Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system.

-11-

- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- Apply in 0.125-0.25 inches/A of water. Excessive water may reduce efficacy.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place.
- 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.

Note: Do not inject <u>InspireTop MP</u> at full strength or deterioration of valves and seals may occur. Use a dilution ratio of at least 10 parts water to 1 part <u>InspireTop MP</u>. <u>InspireTop MP</u> is corrosive to many seal materials. Leather seals are best. EPDM or silicone rubber seals can be used, but should be replaced once a year. Do not use Viton, Buna-N, Neoprene, or PVC seals.

Operating Instructions

- 1. 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.
- 2. The pesticide injection pipeline must contain a functional, automatic, quickclosing check-valve to prevent the flow of fluid back toward the injection pump.
- 3. 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.
- 4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5. 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.

6. 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.

-12-

7. Do not apply when wind speed favors drift beyond the area intended.

Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating <u>InspireTop MP</u> through center pivot systems because of non-uniform application.

• Determine the size of the area to be treated.

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- Determine the time required to apply ¹/₈-¹/₂ inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as recommended by the equipment manufacturer. When applying <u>InspireTop MP</u> through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of <u>InspireTop MP</u> required to treat the area covered by the irrigation system.
- Add the required amount of <u>InspireTop MP</u> and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Inspire<u>Top MP</u> solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the <u>InspireTop MP</u> solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying https://www.inspireTop.MP through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of <u>InspireTop MP</u> required to treat the area covered by the irrigation system.
- Add the required amount of <u>InspireTop MP</u> into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.

 Stop injection equipment after treatment is completed. Continue to operate the system until the <u>InspireTop MP</u> solution has cleared the last sprinkler head.

SPECIFIC INSTRUCTIONS FOR PUBLIC WATER SYSTEMS

- 1. Public water system means a system for the provision to the public 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.
- 2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- 3. The pesticide injection pipeline must contain a functional, automatic, quickclosing check valve to prevent the flow of fluid back toward the injection pump.
- 4. The pesticide injection pipeline must 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.
- 5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6. 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.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

Crop Target Diseases (Ib. ai) Remarks Almonds Alternaria leafspot 5.7 Begin applications prior to disease onset when conditions are conducive (A alternaria) 0.06 - 0.14,4) Begin applications prior to disease onset when conditions are conducive (A alternaria) Sequential (Authracrose Anthracrose (Dollaria) 0.05 - 0.14,4) Begin applications prior to disease onset when conditions are conducive (A alternaria) Sequential (A alternaria) Sequential (A alternaria) Sequential (A alternaria) Sequential (A april to beginning of May) and then repeat the treat attratum Nonlinia spp.) Biossom Blight Brown (Monlinia spp.) If monitoring or history indicates the presence of Alternaria, apply 7 ozs.// in the late spring (mid April to beginning of May) and then repeat the treat attract. Nonlinia spp.) Brown rothfull rot For blossom blight, begin applications at early bloom and continue throug (Monitinia spp.) Prodosphaera (Podosphaera Optional language if label has a rate range and a single interval. If diseas use the bighest rate. Scab Scab Optional language if label has a single rate and interval range. If disease use the shortest interval Scab Scab Optional language if label has a single rate and interval range. Scab Optional language if label has a single rate and interva			Use Rate fl. oz. product/A	
Alternaria 5 - 7 (alternaria) Begin applications prior to disease onset when conditions are conducive harbitractose Alternaria (alternaria) (0.08 - 0.114) Begin applications prior to disease onset when conditions are conducive acutatum) Anthraccose (0.08 - 0.114) heptied DMB on a 14-21 day schedule making no more than 2 sequenti acutatum) Biossom Blight Brown rot (0.08 - 0.114) the number fungicide with a different mode of action. Monilinia spp.) Biossom Blight Brown rot If monitoring or history indicates the presence of Alternaria, apply 7 ozs.// in the late spring (mid April to beginning of May) and then repeat the treat interval Monilinia spp.) Powdery midew Powdery midew Optional language if label has a rate range and a single interval. If diseas a pannosa) Scab (Venturia carpophilia) Scab Optional language if label has a rate range and interval range. If disease use the shortest interval. Application: For best results. sufficient water volume must be used to provide thorough coverage. Heptier Top MP can 1 ground or aerial application. A minimum of 15 gals./A for ground applications is recommended.	Crop	Target Diseases	(lb. ai)	Remarks
Containing Containing <td>Almonds</td> <td>Alternaria leafspot (A. alternata) Anthracnose</td> <td>5 - 7 (0.08 - 0.114)</td> <td>Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire Top MP on a 14-21 day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</td>	Almonds	Alternaria leafspot (A. alternata) Anthracnose	5 - 7 (0.08 - 0.114)	Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire Top MP on a 14-21 day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.
(Monilinia spp.) For blossom blight, begin applications at early bloom and continue throug Brown rothull rot (Monilinia spp.) Brown rothull rot (Monilinia spp.) Rown rothull rot (Monilinia spp.) Powdexy mildew (Deptional language if label has a rate range and a single interval. If disease trades Powdexy mildew (Podosphaera (Podosphaera use the highest rate. Indactyla, Sphaerotheca Sphaerotheca Use the shortest interval. Optional language if label has a single rate and interval range: If disease benonsa) Coptional language if label has a single rate and interval range: If disease use the shortest interval. Scab Optional language if label has a rate range and interval range: If disease use the shortest interval and highest rate. (Vilisonmyces Optional language if label has a rate range and interval range: If disease use the shortest interval. Scab Optional language if label has a rate range and interval range: If disease use the shortest interval. Scab Optional language if label has a rate range and interval range: If disease use the shortest interval. Scab Optional language if label has a rate range and interval range: If disease use the shortest interval. Scab Optional anguage if label has a rate range and interval range. If disease use use tho		(<i>Colletothchum.</i> <i>acutatum</i>) Blossom Blight Brown rot		If monitoring or history indicates the presence of Alternaria, apply 7 ozs./A of InspireTop MI in the late spring (mid April to beginning of May) and then repeat the treatment 2-3 weeks later.
Powdery mildew Optional language if label has a rate range and a single interval. If diseat indexcyla, sphaerotheca Powdery mildew Powdery mildew (Podosphaera use the highest rate. indactyla, Sphaerotheca use the highest rate. Sphaerotheca Optional language if label has a single rate and interval range. If disease pannosa) Scab Optional language if label has a single rate and interval range. If disease pannosa) Scab Optional language if label has a rate range and interval range. If disease use the shortest interval and highest rate. (Venturia carpophilus) Optional language if label has a rate range and interval range. If disease use the shortest interval and highest rate. (Wilsonmyces Optional language if label has a rate range and interval range. If disease use the shortest interval and highest rate. (Wilsonmyces Optional language if label has a rate range and interval range. If disease use the shortest interval and highest rate. Shot hole (Wilsonmyces Shot hole Shot hole (Wilsonmyces Dotomal explaned interval and highest rate. Application: A minimum of 15 gals./A for ground applications is recommended. For aerial applications a gals./A of water is recommended. Specific Use Restrictions: Do not use an adjuvant.		(Monilinia spp.) Brown rot/hull rot		For blossom blight, begin applications at early bloom and continue through petal fall.
Indexcyta, Sphaerotheca Optional language if label has a single rate and interval range. If disease parnosa) Scab Use the shortest interval. Optional language if label has a rate range and interval range. If disease use the shortest interval and highest rate. Not hole (Vilisonmyces Optional language if label has a rate range and interval range. If disease use the shortest interval and highest rate. Application: For best results, sufficient water volume must be used to provide thorough coverage. InspireTop MP can t ground or aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a gals./A of water is recommended. Specific Use Restrictions: Image: A for ground applications is recommended. I Do not use an adjuvant.		Powdery mildew (Podosphaera		Optional language if label has a rate range and a single interval: If disease pressure is high use the highest rate.
Shot hole Optional language if label has a rate range and interval range: If disease (Venturia carpophilia) Shot hole Optional language if label has a rate range and interval range: If disease (Wilsonmyces Shot hole Unlisonmyces Carpophilus) use the shortest interval and highest rate. Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire Top MP can t ground or aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a gals./A of water is recommended. Specific Use Restrictions: 1) Do not use an adjuvant.		maactyla, Sphaerotheca pannosa)		Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.
Application: For best results, sufficient water volume must be used to provide thorough coverage. InspireTop MP can t ground or aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a gals./A of water is recommended. Specific Use Restrictions: 1) Do not use an adjuvant.		Scau (Venturia carpophilia) Shot hole (Wilsonmyces camonhilus)		Op <i>tional language if label has a rate range and interval range</i> : If disease pressure is high, use the shortest interval and highest rate.
Specific Use Restrictions: 1) Do not use an adjuvant.		Application: For best re ground or aerial application gals./A of water is recommission	sults, sufficient water on. A minimum of 15 mended.	volume must be used to provide thorough coverage. <u>InspireTop MP</u> can be applied by eithe gals./A for ground applications is recommended. For aerial applications a minimum of 10
Do not apply more than 28 fl. ozs./A of htspireTop MP per crop (0.46 lb. ai/A per crpp).	Specific Use Rest 1) Do not use an 2) Do not apply n	trictions: i adjuvant. more than 28 fl. ozs./A of Ins	bireTop MP per crop	0.46 lb. ai/A per crpp).

-14-

17/37

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		lice Rate	
		fl. oz. product/A	
Crop	Target Diseases	(lb. ai)	Remarks
Brassica (Cole)	Alternaria diseases	5 - 7	Begin applications prior to disease onset when conditions are conducive for disease. Apply
leafy Vegetables	(Alternaria spp.)	(0.08 - 0.114)	<u>InspireTop MP</u> on a 7-10 day schedule making no more than 2 sequential applications
subgroup	Anthracnose		before alternating to another fungicide with a different mode of action.
	(Colletotrichum		
Broccoli	higginsianum)		Optional language if label has a rate range: If disease pressure is high, use the highest
Brussels sprouts	Cercospora leafspot		rate.
Cabbage	(C. brassicicola)		Optional language if label has a single rate: If disease pressure is high, use the shortest
Cauliflower Collards	(Erysiphe polygoni)		interval.
Kale			Optional language if label has a a rate range and interval range: If disease pressure is high,
Mustard greens			use the shortest interval and highest rate.
	Application: For best re	sults, sufficient water	volume must be used to provide thorough coverage. Inspire Top MP can be applied by either
See additional crops below.	ground, chemigation, or a 0.1-0.25 inches/A of wate	terial application. A r r. Chemigation with	ninimum of 15 gals./A for ground applications is recommended. For chemigation, apply in excessive water may lead to a decrease in efficacy.
		ŀ	•
Including all			
cultivars and/or			
hybrids of these.			
Complete list of br	assical leafy vegetables:	Broccoli; broccoli, Cl	iinese (gai lon); broccoli raab (rapini); Brussels sprouts; cabbage; cabbage, Chinese (bok
choy); cabbage, Ch	inese (napa); cabbage, Chi	nese mustard(gai ch	y); cauliflower; cavalo broccolo; collards; kale; kohlrabi; mizuna; mustard greens; mustard
spinach; rape green	S		
Specific Use Restr	ictions:		
1) Do not apply m 2) Do not apply wi	ore than 28 fl. ozs./A of Ins Ithin 1 davs of harvest (1 da	<u>aireTop MP</u> per crop v PHI).	(0.46 lb. ai/A per season).

18/37

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-15--

		Use Rate	
		fl. oz. product/A	
Crop	Target Diseases	(lb. ai)	Remarks
Bulb Vegetables	Cercospora leafspot	5-7	Begin applications prior to disease onset when conditions are conducive for disease. Apply
	(C. duddiae)	(0.08 - 0.114)	the price Top MP on a 7-10 day schedule making no more than 2 sequential applications
Onions, bulb	Leaf blotch		before alternating to another fungicide with a different mode of action.
Garlic	(Cladosporium allii-		
Shallot	cepae)		Optional language if label has a rate range: If disease pressure is high, use the highest
	Powdery Mildew		rate.
Onions, green	(Leveillula taurica)		
Leek	Purple blotch		Optional language if label has a single rate: If disease pressure is high, use the shortest
Welch onion	(Alternaria porri)		interval.
	Stemphyllium leaf blight		
	(S. vesicarium)		Optional language if label has a a rate range and interval range: If disease pressure is high,
	Contraction loof		use the shortest interval and highest rate.
)
	Dioten		
	(C. allii)		
	Rust		
	(Puccinia allii)		
	Application: For best res	ults, sufficient water	volume must be used to provide thorough coverage. Inspire Top MP can be applied by either
	ground, chemigation, or a	erial application. A r	ninimum of 15 gals./A for ground applications is recommended. For chemigation, apply in
	0.1-0.25 inches/A of water	. Chemigation with	excessive water may lead to a decrease in efficacy.
complete list of builb, great-headed, builb,	ulb crops: Unive, tresh lea garlic, serpent, bulb, kurrat,	ves, chive, Chinese, lady's leek, leek, lee	tresh leaves, daylily, bulb, elegans hosta, fritillaria, bulb, fritillaria, leaves, garlic, bulb, garlic, k, wild, lily, bulb, onion, Beltsville bunching, onion, bulb, onion, Chinese, bulb, onion, fresh,
onion, green, onion, and/or hvbrids of the	macrostem, onion, pearl, oi ese.	non, potato, bulb, or	lion, tree, tops, onion, Welsh, tops, shallot, bulb, shallot, fresh leaves, cultivars, varieties,
Specific Use Restri	ictions:		
1) For green onion	is, do not apply more than 2	1 fl. ozs./A of Insoir e	Top MP per crop (0.34 lb ai/A per season)
2) For dry bulb oni	ions, do not apply more than	1 28 fl. ozs./A of Inse	iteTop MP per crop (0.46 lb. ai/A per season).
Do not apply wi	thin 7 days of harvest (7 day	/ PHI).	

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		Use Rate	
		fl. oz. product/A	
Crop	Target Diseases	(lb. ai)	Remarks
Citrus	Greasy spot	5 - 7.7	Inspire Top MP applications should begin prior to disease development and continue
	(Mycosphaerella citri)	(0.08 - 0.125)	throughout the season on 7-21 day intervals following the resistance management
Grapefruit	Melanose		guidelines. Applications may be made by ground or air. An adjuvant may be added at
-emon	(Diaporthe citri)		recommended rates. A horticultural spray oil should be used to improve control of areasy
lime	Scab		spot.
Drange (sour and	(Elsinoe fawcettii)		
sweet)	Albinism		Optional language if label has a rate range: If disease pressure is high, use the highest
Tangerine	(Alternaria alternata	-	rate.
	pv citri)		
ncluding all	Post bloom fruit drop		Optional language if label has a single rate: It disease pressure is high, use the shortest interval
cultivars and/or			
ybrids of these	(Colletotrchum		Optional language if label has a a rate range and interval range. If disease pressure is high
	acutatum) Alternaria loof and fruit		use the shortest interval and highest rate.
	spot		
	(Alternana citn)		
	Diplodia stem-end rot		
	(Diplodia natalensis)		
	Phomopsis stem-end		
	rot		
	(Phomopsis citrii)		
	Anthracnose		
	(Colletotrichum spp.)		
	Black snot		
	(Guianardia citricarpa)		
<u> </u>	Application: For hest re	sults sufficient water	foliume must be used to provide thorough coverage lashing to MP can be confied by cither
	around or serial andicativ	vn Å minimum of 15	volume interview sector option in concentrate. Institution of Mic call be applied by elitier
	ground of water is recoming	ni. A mimmum ur 15 nended.	Jais./A for ground applications is recommended. For aerial applications a minimum of 10
Complete list of citi	rus fruits: Calamondin; o	itrus citron; citrus hyb	ids (includes chironia, tangelo, tangor): grapefruit: kumguat: lemon: lime: mandarin
tangerine); orange, s	sour; orange, sweet; pumn	nelo; Satsuma manda	ui de la companya de
Specific Use Restric	ctions:		
Do not apply mo	re than 30.8 fl. ozs./A of #	spireTop MP per cro	(0.5 lb. ai/A per season).
May be applied t.	he day of harvest (0 day F	(IH)	

20/37

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-17-

Cool Target Useases (1. o.d. product) Remarks Cool Target Useases (0. o.d. product) Begin applications prior to disease onset when conditions are conducive for disease. In the conditions are conductive for disease. In the condition are conductive for disease. In the conditions are conductive for archive for archive for archive for disease. In the conditions are conductive for archive for arc				
Crop Target Diseases fl. oz. productvá (lb. al) Remarks Remarks vegetables (jb. al) 5 - 7 Begin applications prior to disease onset when conditions are conducive for disease. In ox. productive digipres, Expsiphe 1, oz. productive for disease Argetables (jb. al) vegetables (jb. al) 5 - 7 Begin applications prior to disease onset when conditions are conducive for disease. In under the disease pressure is high, use the highes intervaled vegetables (jb. al) - 0.08 - 0.114) Heepin-7100, Mark and the main are the highes interval and highes trait. vertinedion Alternaria leaf biotic - 0.08 - 0.114) Heepin-710, Mark and the main are the highes vertinedion Alternaria Alternaria Begin applications Error a 2-10 district with a different mode are actendination provide the highes vertinin Anternaria leaf biotic - 0.08 - 0.114) Heepin-710, Mark and the main are are range or the formal anguage if tabel has a rate range and interval range. If disease pressure is high, use the shorter undoin the mode that are acton vectinini Contruline) - 0.06 - 0.114, Mark and the main and highest rate. If disease pressure is high, use the shorter undoin the state range and interval range. If disease pressure is high, use the shorter undoin the much much andoin the state range and interval a			Use Rate	
Ctop Target Diseases (I). a). Remarks Remarks Vegetables (Sphaercheca 6.7 Begin applications prior to disease. In the conditions are conductive for disease. In the conductive for disease. If the conductive for disease pressure is high, use the shorter unphone. Atternation Atternation Atternation Atternation Atternation Attennation Atternati			fl. oz. product/A	
Currentit Powdery midew 5-7 Begin applications prior to disease oract when conditors are conductore for disease. I sighter than 2 sequential applications are conductive for disease. I sighter than 2 sequential applications are conductive for disease. I sighter are than 2 sequential applications are conductive for disease. I sighter are than 2 sequential applications are conductive for disease. I sighter are than 2 sequential applications are conductive for disease. I sighter are than 2 sequential applications are conductive for disease. I sighter are than 2 sequential applications are conductive for disease. Verticitien Atternation Atternation Atternation Atternation Atternation Atternation Atternation Atternation Atternation Atternation Atternation Atternation Atternation Atternation Optional language if label has a artie range. If disease pressure is high, use the shorte trate. Atternation Atternation Atternation Optional language if label has a artie range. If disease pressure is high, use the shorte trate. Atternation Condition Condition Optional language if label has a artie range. If disease pressure is high, use the shorte trate. Atternation Condition Condition Condition Optional language if label has a artie range. If disease pressure is high, use the shorte trate. Colledintrinse Con	Crop	Target Diseases	(lb. ai)	Remarks
Vegetables (Sphareor/head (Sphareor/head) (0.03 - 0.114) Hespie/Do More harmation (Sphareor/head) (0.03 - 0.114) Hespie/Do More harmation (Sphareor/head) (Sphareor/head) </td <td>ucurbit</td> <td>Powdery mildew</td> <td>5 - 7</td> <td>Begin applications prior to disease onset when conditions are conducive for disease. Apply</td>	ucurbit	Powdery mildew	5 - 7	Begin applications prior to disease onset when conditions are conducive for disease. Apply
antaloupe Iniginase Iniginase <t< td=""><td>Vegetables</td><td>(Sphaerotheca</td><td>(0.08 - 0.114)</td><td>the pire I op MP on a 7-10 day schedule making no more than 2 sequential applications</td></t<>	Vegetables	(Sphaerotheca	(0.08 - 0.114)	the pire I op MP on a 7-10 day schedule making no more than 2 sequential applications
antaloupe cichoracearum) controlere at the man and bighter at the highes on the highes trate. If disease pressure is high, use the shortest interval and highest rate. If disease pressure is high, use the shortest interval and highest rate. If disease pressure is high, use the shortest interval and highest rate. If disease pressure is high, use the highes on the high on the		fuliginea, Erysiphe		before alternating to another fungicide with a different mode of action.
ucumber Alternarial earl bijght one operation luskmetion Alternarial earl spot (A. cucumerina) Optional language if label has a rate range. If disease pressure is high, use the shorte luskmetion Alternarial atternation Alternarial (A. cucumerina) Alternaria (A. cucumerina) Alternaria Alternange Alternange Alterna	antaloupe	cichoracearum)		
Loss of the cucumerinal rate. consider (A. cucumerinal) Altermetion Altermetion Antimacrose Optional language if label has a single rate. If disease pressure is high, use the shortex cucospora leafspot Confloctrichum outhor hybrids of C. cirtuilmas) Controlinge cultivers Granny stem bight Ce strutimas odior hybrids of C. cirtuilmas Controlinge-cultivers Granny stem bight Ce strutimas outhor hybrids of C. cirtuilmas Controlinge-cultivers Granny stem bight Ce strutimas outhor hybrids of C. cirtuilmas Cucumptacearum) provide hybrorides of the shortext interval and highest rate. Certoringlexearum Granny stem bight Ce str	ucumber	Alternaria leaf blight		Optional language if label has a rate range: If disease pressure is high, use the highest
uskmelon Alternaria leaf spot idemmelon (A idemata) implemelon (A idenata) (C iditulidididididididididididididididid	oneydew	(A. cucumerina)		rate.
datermeton (A. alternata) Optional language if label has a single rate. If disease pressure is high, use the shortes urbinion (Collectifichum orbiculare) Optional language if label has a a rate range and interval range. If disease pressure is orbiculare) Inserval. ucchini Controllina Controllina Optional language if label has a a rate range and interval range. If disease pressure is orbiculare) Optional language if label has a a rate range and interval range. If disease pressure is orbiculare) ucchini Cortrollina Distributional Distributional indor hybrids of cummy stem blight Controllina Distributional curbitiscearum) Countrilicearum) Uptional curbitiscearum) Pendosprime blight Countrilicearum) ndor hybrids Countrilicearum) Phoma blight (C sucurbitiscearum) Phoma blight Countrilicearum) Pendosprim Phoma blight Countrilicearum) Phoma blight (P. exigonal) Phoma blight (P. exigonal) Phoma blight (P. exigonal) Phoma blight (P. exigonal) Phoma blight (P. exigonal) Phoma blight (P. exigonal) Phoma bli	uskmelon	Alternaria leaf spot		
umbkin Anthracnose quash Colletotrichum occhie Colletotrichum ucchii Colletotrichum officulare) Colletotrichum officulare) Colletotrichum officulare) Colletotrichum officulare) Colletotrichum officulare) Construiterops citralina) Constructione citralina Constructione citralina Constructione citralina Constructione citralina Constructione citralina Constructione citralina Constructione citralia Constructione citralia Consecontruntione citraba	/atermelon	(A. alternata)		Uptional language if label has a single rate: If disease pressure is high, use the shortest
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ucchini orbiculare) ucchini orbiculare) orbiculares (C. citrulina) d/or hybrids of curroling cultivars Cuc citrulina (C. citrulina) d/or hybrids of curroling cultivars Cuc citrulina (C. citrulina) d/or hybrids of Curroling cultivars Cuc citrulina (C. citrulina) Bectorsportum blight (Didyrmella bryoniae) Septori ater blight (P. exigual) Pectosportum blight (P. exigual) Phyliosticta leaf blight (P. exigual) Phyliosticta leaf spot	quash	(Colletotrichum		Ontional lonarioses if label has a such many and interval interval second for the discovery in the
cutoring cultivars Cercospora leafspot d/or hybrids of <i>circullina</i>) d/or hybrids of <i>circullina</i>) d/or hybrids of <i>circullina</i>) d/or hybrids of <i>circullina</i> ese. Septoria leaf blight set Septoria leaf blight set Septoria leaf blight (<i>bidymella bryorialea</i>) Septoria leaf blight Septoria leaf blight (<i>bidymella bryorialea</i>) Septoria leaf blight (<i>bidymella bryorialea</i>) Septoria leaf blight (<i>bidymella bryorialea</i>) Phoma blight (<i>bidymella bryorialea</i>) Phoma blight (<i>bidymella bryorialea</i>) (<i>bidymella bryorial carlina</i>) Phoma blight (<i>bidymella bryorial carlia application</i> , or aerial application. A minimu of 15 gals. A for ground applications is recommended (20 for gummy stem blight (<i>bidymella application</i> , or aerial application. A minimu of 15 gals. A for ground application is recommended (20 for gummy stem blight (<i>pidymella application</i> , or aerial application. A minimu of 15 gals. A for ground application is recommended (20 for gummy stem blight (<i>pidymella application</i> , or aerial application. A minimu of 15 gals. A for ground application (<i>pidymella application</i> ,	ucchini	orbiculare)		Optional range age in able in able in a set and a angle and interval range. It disease pressure is nigh,
cluding cultivars (C. cirtulina) cluding cultivars (C. cirtulina) ud/or hybrids of Cummy stem blight (Didymella bryoniae) Cummy stem blight (Didymella bryoniae) Control consection (C. cirtulina) Control consection (Didymella bryoniae) Septoria last blight (Didymella bryoniae) Countrol consection (Didymella bryoniae) Septoria last blight (Didymella bryoniae) Countrol consection (Didymella bryoniae) Perclosporium blight (Didymella bryoniae) Countrol consolidation (Didymella bryoniae) Phyllosticta leafspot (Pi tabacinum) Phyllosticta leafspot (Pi tabacinum) Phyllosticta leafspot (Pi stabacinum)		Cercospora leafspot		
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ee additional (S. <i>cucurbitacearum</i>) Piectosporium blight (P. <i>tabacrinum</i>) Phoma blight (P. <i>exigual</i>) Phylice sides (P. <i>cucurbitacearum</i>) Phylice sides (P. <i>cucurbitacearum</i>) Phylice side solutions Phylice solutions Phylice side solutions Phylice side solutions Phylice solutions		Septoria leaf blight		
Curbit crops Plectosporium blight Row (P. tabacinum) Phoma blight (P. tabacinum) Phoma blight (P. exigua) Phyllostictal leafspot (P. exiguash, summer; squash, winter (fincludes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon Cont apply more than 28 fl. ozs./A of Hespine Top MP per crop (0.46 lb. ai/A per season). Cont apply within 0 days of harvest (0 day PH)).	se additional	(S. cucurbitacearum)		
 Ilow. (<i>P. tabacinum</i>) Phoma blight (<i>P. exigua</i>) Phoma blight (<i>P. exigua</i>) Phyllosticta leafspot (<i>P. cucurbitacearum</i>) (<i>P. cucurbitacearum</i>)<td>Icurbit crops</td><td>Plectosporium blight</td><td></td><td></td>	Icurbit crops	Plectosporium blight		
Phoma blight Phoma blight (P. exigua) Phyllosticta leafspot (P. exigua) Phyllosticta leafspot (P. exigua) Phyllosticta leafspot (P. cucurbitacearum) Papplication: For best results, sufficient water volume must be used to provide thorough coverage. HespireTop MP can be applied by to ground, chemigation, or aerial application. A minimum of 15 gals./A for ground applications is recommended (20 for gummy stem bligt for chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Implete list of cucurbit crops: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes otan, cucuzza, hechima, Chinese okra); Momordica spp. (includes balsam pear, bittermelon, Chinese cucumber); muskmelon (includes otan, cucuzza, hechima; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, suskmelon (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelo becific Use Restrictions: Do not apply more than 28 fl. ozs./A of thespireTop MP per crop (0.46 lb. ai/A per season). Do not apply within 0 days of harvest (0 day PHI).	elow.	(P. tabacinum)		
 (P. exigua) Phyllosticta leafspot (P. cucurbifacearum) Phyllosticta leafspot (P. cucurbifacearum) Application: For best results, sufficient water volume must be used to provide thorough coverage. <a <="" <a="" a="" coverage.="" here="" hreading="" is="" provide="" thorough=""> Application: For best results, sufficient water. Chemigation with excessive water may lead to a decrease in efficacy. Implete list of cucurbit crops: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes otan, cucuzza, hechima, Chinese okra); <i>Momordica</i> spp. (includes balsam pape, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes nataloupe); pumpkin: squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelo be not apply within 0 days of harvest (0 day PHI). Do not apply within 0 days of harvest (0 day PHI). 		Phoma blight		
Phyllosticta leafspot Phyllosticta leafspot (P. cucurbifacearum) (P. cucurbifacearum) Application: For best results, sufficient water volume must be used to provide thorough coverage. <a <a="" coverage.="" hreading="" in="" interface="" provide="" td="" tempsis<="" tempsise="" the="" thorough=""><td></td><td>(P. exigua)</td><td></td><td></td>		(P. exigua)		
(P. cucurbitacearum) (P. cucurbitacearum) Application: For best results, sufficient water volume must be used to provide thorough coverage. <a hreading="" mapping="" of="" t<="" td="" the=""><td></td><td>Phyllosticta leafspot</td><td></td><td></td>		Phyllosticta leafspot		
Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire Top MP can be applied by e ground, chemigation, or aerial application. A minimum of 15 gals./A for ground applications is recommended (20 for gummy stem bligh For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. omplete list of cucurbit crops: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes otan, cucuzza, hechima, Chinese okra); <i>Momordica</i> spp. (includes balsam pear, bittermelon, Chinese cucumber); muskmelon (includes antaloupe); pumpkin; squash, summer; squash, winter (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes antaloupe); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelo pecific Use Restrictions: Do not apply more than 28 fl. ozs./A of hespireTop MP per crop (0.46 lb. ai/A per season).		(P. cucurbitacearum)		
ground, chemigation, or aerial application. A minimum of 15 gals./A for ground applications is recommended (20 for gummy stem bligh For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. omplete list of cucurbit crops: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes rotan, cucuzza, hechima, Chinese okra); Momordica spp. (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes intaloupe); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelo pecific Use Restrictions: Do not apply more than 28 ft. ozs./A of hespireTop MP per crop (0.46 lb. ai/A per season). Do not apply within 0 days of harvest (0 day PHI).		Application: For best re-	sults, sufficient water	volume must be used to provide thorough coverage. Inspire Top MP can be applied by either
For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. omplete list of cucurbit crops: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes rotan, cucuzza, hechima, Chinese okra); <i>Momordica</i> spp. (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes intaloupe); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelo pecific Use Restrictions: Do not apply more than 28 fl. ozs./A of http://doc.pot.026.10.46 lb. ai/A per season).		ground, chemigation, or a	serial application. An	inimum of 15 gals./A for ground applications is recommended (20 for gummy stem bilicht)
omplete list of cucurbit crops: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes otan, cucuzza, hechima, Chinese okra); <i>Momordica</i> spp. (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes intaloupe); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelo pecific Use Restrictions: Do not apply more than 28 fl. ozs./A of httpireTop MP per crop (0.46 lb. ai/A per season). Do not apply within 0 days of harvest (0 day PHI).		For chemigation, apply in	0.1-0.25 inches/A of	water. Chemigation with excessive water may lead to a decrease in efficacy.
otan, cucuzza, hechima, Chinese okra); <i>Momordica</i> spp. (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes antaloupe); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelo pecific Use Restrictions: Do not apply more than 28 fl. ozs./A of httpireTop MP per crop (0.46 lb. ai/A per season). Do not apply within 0 days of harvest (0 day PHI).	omplete list of cu	ucurbit crops: Chavote (fru	uit); Chinese waxgou	d (Chinese preserving melon): citron melon: cucumber: aherkin: anurd edihle (includes
antaloupe); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelo pecific Use Restrictions: Do not apply more than 28 fl. ozs./A of the presting to MP per crop (0.46 lb. ai/A per season). Do not apply within 0 days of harvest (0 day PHI).	/otan, cucuzza, h€	schima, Chinese okra); <i>Mon</i>	nordica spp. (include:	balsam apple, balsam pear, bittermelon. Chinese cucumber): muskmelon (includes
pecific Use Restrictions: Do not apply more than 28 fl. ozs./A of <u>InspireTop MP</u> per crop (0.46 lb. ai/A per season). Do not apply within 0 days of harvest (0 day PHI).	antaloupe); pumpk	din; squash, summer; squas	h, winter (includes bu	tternut squash, calabaza, hubbard squash, acorn squash, spachetti squash); watermelon
Do not apply more than 28 fl. ozs./A of InspireTop MP per crop (0.46 lb. ai/A per season). Do not apply within 0 days of harvest (0 day PHI).	pecific Use Restr	rictions:		
DO HOU BUPPY WITHIN O UBYS OF HEAVEST O UBY I THIS.	Do not apply m	iore than 28 fl. ozs./A of Ins ithin 0 days of hanget /0 da	pireTop MP per crop	0.46 lb. ai/A per season).
	L LO INT APPIN	Initia days of harvest o da	<u>y - 1 "J.</u>	

21/37

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19	Remarks	Begin applications prior to disease onset when conditions are conducive for disease. Apply InspireTop MP on a 14-21 day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.	Op <i>tional language if label h</i> as a <i>rate range</i> : If disease pressure is high, use the highest rate.	<i>Optional language if label has a single rate:</i> If disease pressure is high, use the shortest interval.	Optional language if label has a a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.	volume must be used to provide thorough coverage. <u>InspireTop MP</u> can be applied by either gals./A for ground applications is recommended. For aerial applications a minimum of 10).46 lb. ai/A per season).
	Use Rate fl. oz. product/A (lb. ai)	5 - 7 (0.08 - 0.114)				sufficient water n. A minimum of 15 nended.	ite Top <u>MP</u> per crop ((
	Target Diseases	Eastern Filbert Blight (<i>Anisogramma</i> anomala)				Application: For best rea ground or aerial applicatio gals./A of water is recomm	ictions: idjuvant. ore than 28 fl. ozs./A of Insp thin 14 days of harvest (14 (
	Crop	Filberts (Hazelnuts)					Specific Use Restri 1) Do not use an a 2) Do not apply mc 3) Do not apply wit

22/37

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 Cet/A Remarks Begin applications at first sign of disease or when conditions are conducive for disease belocking program using a maximum of two consecutive applications before rotating to fungicides with another mode of action that are registered for these diseases. If disease pressure is high, use the highest rate and shortest interval. Optional language if label has a rate range: If disease pressure is high, use the highest rate. Optional language if label has a single rate. If disease pressure is high, use the shortest interval.
Remarks Begin applications at first sign of disease or when conditions are conducive for disease development. Apply InspireTop MP on a 7-14 day schedule. InspireTop MP can be used in blocking program using a maximum of two consecutive applications before rotating to fungicides with another mode of action that are registered for these diseases. If disease pressure is high, use the highest rate and shortest interval. Optional language if label has a rate range: If disease pressure is high, use the highest rate. Optional language if label has a single rate. If disease pressure is high, use the shortest interval.
 Begin applications at first sign of disease or when conditions are conducive for disease development. Apply <u>InspireTop MP</u> on a 7-14 day schedule. <u>InspireTop MP</u> can be used in blocking program using a maximum of two consecutive applications before rotating to fungicides with another mode of action that are registered for these diseases. If disease pressure is high, use the highest rate and shortest interval. Optional language if label has a rate range: If disease pressure is high, use the highest rate. Optional language if label has a single rate: If disease pressure is high, use the shortest interval.
 development. Apply Inspire Top MP on a 7-14 day schedule. Inspire Top MP can be used in blocking program using a maximum of two consecutive applications before rotating to fungicides with another mode of action that are registered for these diseases. If disease pressure is high, use the highest rate and shortest interval. Optional language if label has a rate range: If disease pressure is high, use the highest rate. Optional language if label has a single rate. If disease pressure is high, use the shortest interval.
blocking program using a maximum of two consecutive applications before rotating to fungicides with another mode of action that are registered for these diseases. If disease pressure is high, use the highest rate and shortest interval. Optional language if label has a rate range: If disease pressure is high, use the highest rate.
fungicides with another mode of action that are registered for these diseases. If disease pressure is high, use the highest rate and shortest interval. Optional language if label has a rate range: If disease pressure is high, use the highest rate. Optional language if label has a single rate: If disease pressure is high, use the shortest interval.
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pressure is man, use the monest rate and shortest interval. Optional language if label has a rate range: If disease pressure is high, use the highest rate. Optional language if label has a single rate: If disease pressure is high, use the shortest interval.
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rate. Optional language if label has a single rate: If disease pressure is high, use the shortest interval.
Optional language if label has a single rate: If disease pressure is high, use the shortest interval.
Optional language if label has a single rate: If disease pressure is high, use the shortest interval.
interval.
Uptional language if label has a a rate range and interval range: If disease pressure is high,
use the shortest interval and highest rate.
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water volume must be used to provide theory of coverance. Incorrection MD can be confied by other
water volume tritag be used to provide introductoverage. Hispiter op min can be applied by entitle
 A minimum of 15 gals./A for ground applications is recommended. For aerial applications a
iended. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water
crop (0.46 lb. ai/A per season).
be less than 2 inches (such as cherry tomatoes).
be less than 2

28/37

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-21-

24/37

Crop Target Dise			
Crop Target Dise			
Crop Target Dise		11. oz. product/A	
	ases	(lb. ai)	Remarks
Pecans Pecan Scab		5 - 7	Begin applications prior to disease onset when conditions are conducive for disease. Apply
(Cladospo	nium	(0.08 - 0.114)	http://www.comminications before the provide the provide the provided applications before
caryigenur	(m		alternating to another fungicide with a different mode of action.
Downy Spot			
(Mycosphi	aerella		Optional language if label has a rate range: If disease pressure is high, use the highest
caryigena)	_		rate.
Liver Spot			
(Gnomonic	a caryae)		<i>Optional lariguage it laber rias à single rate</i> . It disease pressure is high, use the shortest interval
Vein Spot		_	
(Gnomom	ia		Ontional formations if lobal has a component and interval many it. It is the
nerviseda)			
Zonate Leaf	f Spot		use the shortest mierval and nignest rate.
(Grovesini	ia		
bvramidali	(S)		
Powderv Mil	ldew		
(Microsphe	aera		
penicillata)			
Application	I: For best resi	ults, sufficient water	volume must be used to provide thorough coverage. InspireTop MP can be applied by either
ground or ae	erial applicatior	1. A minimum of 15	gals./A for ground applications is recommended. For aerial applications a minimum of 10
gals./A of we	ater is recomm	ended.	
Specific Use Restrictions:			
1) Do not use an adjuvant.			
2) Do not apply more than 28 fl.	ozs./A of Inspi	HeTop MP per crop (0.46 lb. ai/A per season).
3) Do not apply within 14 days of	of harvest (14 d	ay PHI).	

25/37

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-22-

		Use Rate	
		fl. oz. product/A	
Crop	Target Diseases	(lb. ai)	Remarks
Pistachios	Panicle and Shoot	5 - 7	Begin applications prior to disease onset when conditions are conducive for disease. Apply
	Blight	(0.08 - 0.114)	hspire Top MP on a 14-21 day schedule making no more than 2 sequential applications
	(Botryosphaena		before alternating to another fungicide with a different mode of action.
	dothidea)		
	Alternaria late blight		For Botryosphaeria, begin applications when green leaf tissue becomes visible and continue on a 14-21 day interval Make no more than 2 seruential andications hefore alternation to
	Septoria leaf spot		another fungicide with a different mode of action.
	(S. pistaciarum)		Optional language if label has a rate range: If disease pressure is high, use the highest rate.
			Op <i>tional language if label has a single rate:</i> If disease pressure is high, use the shortest interval.
			Optional language if label has a a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.
	Application: For best re	sults, sufficient water	volume must be used to provide thorough coverage. InspireTop MP can be applied by either
	ground or aerial applicatic gals./A of water is recomr	on. A minimum of 15 nended.	gals./A for ground applications is recommended. For aerial applications a minimum of 10
Specific Use Rest	rictions:		
1) Do not use an	adjuvant.		
2) Do not apply n 3) Do not apply w	nore than 28 fl. ozs./A of Ins vithin 14 days of harvest (14	bireTop MP per crop day PHI).	(0.46 lb. ai/A per season).

26/37

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-23-

	the spray tank. WG first and allow ining amount of 3 ozs. Vangard WG	cres, add the entire opriate amount of : ozs./A of	ng at ¼-½ inch Continue through cab control, t beginning at	nning at green tip. p spray within 7 VG tank mix with a	k mix at tight gard WG tank mix	ations preventively. a protectant	eventively. Apply sctant fungicide on a P/Vangard WG tank	ons with <u>trepireTop</u> ode of action.	ard WG tank mix For aerial		21/3
Remarks	Mixing Instructions: When mixing, add half the water that is needed to With the agitator running, always add the appropriate amount of Vangard it to mix thoroughly before adding the InspireTop MP. Then add the rema water. If making a dilute application use 1.3 fl. ozs. InspireTop MP and 1.	For the multi-pack product: To mix enough spray solution to treat 10 at contents of both containers (always adding Vangard WG first) to the appr water for the configuration of the spray equipment. This is equivalent to 4 htspireTop MP + 4 ozs./A of Vangard WG.	Apple Scab - Protective Spray Schedule: Apply every 7-10 days startii green tip or when environmental conditions become conducive for scab. petal fall until the threat of primary scab is complete. For improved fruit scombine hreat of primary scab is complete. For improved fruit scombine hreat of primary scab is complete. For improved fruit subtool for the threat of primary scab is complete. For improved fruit scombine <a href="href=heat-heat-heat-heat-heat-heat-heat-heat-</td> <td>Apple Scab - Curative Spray Schedule: Use a forecasting system begi Apply within 48 hours of the onset of an infection period. Apply a follow-u days. For improved fruit scab control, combine <u>InspireTop MP</u>/Vangard V protectant fungicide beginning at bloom.</td> <td>Powdery Mildew: Begin applications of InspireTop MP/Vangard WG tan cluster, and continue on a 7-10 day schedule. Follow InspireTop MP/Van with other fungicides as needed.</td> <td>Cedar-Apple Rust, Quince Rust, and Brooks Fruit Spot: Begin applic. Apply <u>hepireTop MP</u>/Vangard WG tank mix alone or in combination with i fungicide on a 7-10 day schedule through the second cover-spray.</td> <td>Sooty Blotch, Flyspeck: For early season control, begin applications pr <u>hepireTop MP</u>/Vangard WG tank mix alone or in combination with a prote 7-10 day schedule through the second cover spray. Follow <u>hepireTop MI</u> mix with other fungicides as needed.</td> <td>sistance, it is recommended to make no more than 2 consecutive applicati fungicide or a Group 3 fungicide mixture before atternating to a different m</td> <td>volume must be used to provide thorough coverage.</td> <td>0.33 lb. ai/A per season). . ai/A per year).</td> <td>/s of harvest (72 day PHI).</td>	Apple Scab - Curative Spray Schedule: Use a forecasting system begi Apply within 48 hours of the onset of an infection period. Apply a follow-u days. For improved fruit scab control, combine <u>InspireTop MP</u> /Vangard V protectant fungicide beginning at bloom.	Powdery Mildew: Begin applications of InspireTop MP/Vangard WG tan cluster, and continue on a 7-10 day schedule. Follow InspireTop MP/Van with other fungicides as needed.	Cedar-Apple Rust, Quince Rust, and Brooks Fruit Spot: Begin applic. Apply <u>hepireTop MP</u> /Vangard WG tank mix alone or in combination with i fungicide on a 7-10 day schedule through the second cover-spray.	Sooty Blotch, Flyspeck : For early season control, begin applications pr <u>hepireTop MP</u> /Vangard WG tank mix alone or in combination with a prote 7-10 day schedule through the second cover spray. Follow <u>hepireTop MI</u> mix with other fungicides as needed.	sistance, it is recommended to make no more than 2 consecutive applicati fungicide or a Group 3 fungicide mixture before atternating to a different m	volume must be used to provide thorough coverage.	0.33 lb. ai/A per season). . ai/A per year).	/s of harvest (72 day PHI).
fl. oz. product/A (lb. ai)	thspireTop MP 4 ozs. (0.07) + Vangard® WG 4 ozs	(0.07) Tank Mixture						: To help prevent re or another Group 3	ults, sufficient water ound or aerial appli 10 gals./A of water	ite Top MP per crop WG per crop (1.4 lb precautions.	ank mix within 72 da
Target Diseases	Alternaria blotch (Alternaria spp.) Brooks fruit spot (Mycosphaerella pomi) Cedar anble rust	(Gymnosprangium juniperi-virginianae) Flyspeck (Zygophiala jamacaicensis	Schizothyrium pomi) Schizothyrium pomi) Powdery mildew (Podosphaera leucotricha) Quince rust	spp.) spp.) Scab (Venturia spp.) Sooty blotch				Resistance Management <u>MP</u> /Vangard WG tank mix	Application: For best res can be applied by either gu applications a minimum of	rictions: The than 20 fl. ozs./A of Insp The than 30 ozs./A of Vangard The than WG label for addition	sepireTop MP /Vangard WG t _i
Crop	Pome Fruit Apple Crabapple Loquat Mayhaw Pear	Pear, Oriental Quince								Specific Use Rest 1) Do not apply m 2) Do not use mo 3) Refer to the Va	4) Do not apply #

-24-

Remarks Remarks 7-0.11) Begin applications at first sign of disease or when conditions are conducive for disease 7-0.11) Begin applications at first sign of disease or when conditions are conducive for disease 7-0.11) blocking program using a maximum of 2 consecutive applications before rotating to functing program using a maximum of 2 consecutive applications before rotating to functing program using a maximum of 2 consecutive applications before rotating to functing indications are rounded of action that are registered for these diseases. 7-0.11) blocking program using a maximum of 2 consecutive applications before rotating to functional nanguage if label has a rate range if disease pressure is high, use the shortest interval. Optional language if label has a a rate range and interval range. If disease pressure is high, use the shortest interval. Optional language if label has a a rate range and interval range. If disease pressure is high, use the shortest interval. Optional language if label has a a rate range and interval range. If disease pressure is high, use the shortest interval. Different water volume must be used to provide thorough coverage. HespireTop MP can be applied by either lication. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a commended. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water a. Arrowroot, Artichoke (Chinese and Jerusatem), Burdock, Canna, Cassava (bitter and sweet), Chayote meric. and Yam (bean and true). Per crop (0.46 lb. ai/A per season). Per ror
7-0.11) Begin deve fungi fungi fungi optic ninten optic inten i inten i inten i i i i i i i i i i i i i i i i i i i
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-25-

Sugar Beets Cercospora leafspot 4-7 Apply Interval (C. beticola) (0.07-0.11) Group 3) Powdery mildew (0.07-0.11) Optional Interval. (0.07-0.11) Optional Application: For best results, sufficient water volume m use the s Poplication: For best results, sufficient water volume m optional Instrumem of 5 gals./A of water is recommended. For the minimum of 5 gals./A of water is recommended. For the	Apply Inspire Top MP on a 7-28 day schedule, alternating with a non-triazole fungicide (non- Group 3) that is registered on sugar beets for these diseases. Optional language if label has a rate range: If disease pressure is high, use the highest rate. Optional language if label has a single rate: If disease pressure is high, use the shortest interval. Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest use the shortest interval and highest rate.
Powdery mindew (Erysiphe polygoni) (Erysiphe polygoni) Optional interval. Optional interval. Optional use the s use the s use the s use the s use the s use the s als./A of water is recommended. For che may lead to a decrease in efficacy.	Optional language if label has a rate range: If disease pressure is high, use the highest rate. Optional language if label has a single rate: If disease pressure is high, use the shortest interval. Optional language if label has a a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.
Application: For best results, sufficient water volume m ground, chemigation, or aerial application. A minimum of 5 gals./A of water is recommended. For che may lead to a decrease in efficacy.	Optional language if label has a single rate: If disease pressure is high, use the shortest interval. Optional language if label has a a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.
Application: For best results, sufficient water volume m Application: For best results, sufficient water volume m ground, chemigation, or aerial application. A minimum c minimum of 5 gals./A of water is recommended. For che may lead to a decrease in efficacy.	<i>Optional language if label has a a rate range and interval range:</i> If disease pressure is high, use the shortest interval and highest rate.
Application: For best results, sufficient water volume m ground, chemigation, or aerial application. A minimum o minimum of 5 gals./A of water is recommended. For che may lead to a decrease in efficacy.	
	<i>ro</i> lume must be used to provide thorough coverage. <u>InspireTop MP</u> can be applied by either inimum of 15 gals./A for ground applications is recommended. For aerial applications a For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water
Specific Use Restrictions: 1) Do not apply more than 28 fl. ozs./A of <u>InspireTop MP</u> per crop (0.46 lb. a 2) Do not apply within 7 days of hanset (7 day PHI)	0.46 lb. ai/A per season).

-26-

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29/37

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(0.08 - 0.114) thepriceTop MP on a 14-21 day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action. (0.08 - 0.114) before alternating to another fungicide with a different mode of action. (0.08 - 0.114) before alternating to another fungicide with a different mode of action. (0.08 - 0.114) Deptional language if label has a rate range: If disease pressure is high, use the shortest rate. Optional language if label has a single rate: If disease pressure is high, use the shortest interval. Optional language if label has a a rate range and interval range: If disease pressure is high, use the shortest interval. Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspirations a minimum of 10 gals./A of water is recommended. For aerial applications a minimum of 10 gals./A of water is recommended. For aerial applications a minimum of 10 gals./A of water is recommended. Interval: aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a minimum of 10 gals./A of water is recommended. Interval: aerial application. A minimum of 15 gals./A for ground applications is recommended. For aerial applications a minimum of 10 gals./A of water is recommended. Interval: aerial application. A minimum of 16 gals./A for ground applications is recommended. Interval: aerial application. A minimum of 16 gals./A for ground applications is recommended. Interval: a	(008 - 0.114) Imaginizio MC on a 14.21 dia schedulen making no moroe efferenti mode ef action: (008 - 0.114) Defore allemating to another fungicide with a differenti mode ef action: (008 - 0.114) Defore allemating to another fungicide with a differenti mode ef action: (008 - 0.114) Defore allemating to another fungicide with a differenti mode ef action: (008 - 0.114) Defore allemating to another fungicide with a differenti mode of action: (008 - 0.114) Defore allemating to another fungicide with a differenti mode of action: (008 - 0.114) Defore allemating to another fungicide with a differenti mode of action: (008 - 0.114) Defore allemating application: (018 - 0.114) Defore allemating application: (018 - 0.114) Defore allemating application: (018 - 0.114) Defore allemating application: (019 - 0.114) Defore allemating application: (0108 - 0.114) Defore allematis recommended. (0108 - 0.114) </th <th>Application: For bee ground, or aerial appl gals./A of water is rec gals./A of water is rec adjuvant. more than 28 fl. oz./A of 4 within 14 days of harvest</th>	Application: For bee ground, or aerial appl gals./A of water is rec gals./A of water is rec adjuvant. more than 28 fl. oz./A of 4 within 14 days of harvest
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FI. oz. product/A	Lb. ai/A
2	0.0325
3	0.05
4	0.065
5	0.08
5.5	0.09
6	0.10
7	0.114
7.7	0.125
8	0.13

InspireTop MP Conversion Table

Ornamentals – For outdoor application to established ornamentals in landscaped areas, including (but not limited to) recreational parks, institutional sites, golf courses and residential properties by commercial and non-professional (i.e., homeowner) applicators.

Use the calibrated measuring [device] [syringe] supplied with the product to accurately measure the designated amount of product to be added to each gallon of water.

Note: This use for application to ornamentals does not include crops grown for production, harvest and sale in commercial greenhouse or nursery production sites.

Сгор	Disease	Rate MI/1 Gal. (1 Gal. Treats 1000 Sq. Ft.)	Spray interval days	Timing of application
Carnation	Rust	4.8	7-10	Begin applications when flowers are half opened or when conditions are conducive for disease development. Apply InspireTop MP on a 7-10 schedule. Particular care should be taken to achieve thorough coverage.
Gladiolus	Rust	4.8	7-14	Begin applications at the 2-3 leaf stage or when conditions are conducive for disease development. Apply InspireTop MP on a 7-10 schedule. Particular care should be taken to achieve thorough coverage.
Iris	Rust	1.4-2.7	7-21	Begin applications at the first sign of disease or when conditions are conducive for disease development. Apply Inspire Top MP on a 7-10 schedule. Particular care should be taken to achieve thorough coverage.
Roses	Black spot Rust Powdery mildew	5.4	7-14	Begin applications at the first sign of disease or when conditions are conducive for disease development. Apply Inspire Top MP on a 7-10 schedule. Particular care should be taken to achieve thorough coverage.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in the original container in cool place.

Pesticide Disposal

Pesticide wastes may be toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

-29-

Container Handling

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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

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Viton® trademark of E. I. du Pont de Nemours and Company

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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

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Container Label

GROUP 3 FUNGICIDE

Inspire Top MP

Fungicide

Active Ingredient:	
Difenoconazole*:	
Other Ingredients**:	76.8%
Total:	100.0%

*CAS No. 119446-68-3 **Contains petroleum distillates

Contains 2.08 lbs. ai/gal. of difenoconazole

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and 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. 100-1262

EPA Est.

Product of

SCP 1262D-

2.46 gallons (315 fl. ozs.) _____gallons Net Contents

Precautionary Statements

Hazards to Humans and Domestic Animals

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Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes, or clothing.

FIRST AID						
If in eyes	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. 					
	• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.					
	Call a poison control center or doctor for treatment advice.					
If swallowed	Immediately call a poison control center or doctor.					
	• Do not induce vomiting unless told to do so by a poison control					
	center or doctor.					
 Do not give any liquid to the person. 						
	 Do not give anything by mouth to an unconscious person. 					
lf on skin or	 Take off contaminated clothing. 					
clothing	Rinse skin immediately with plenty of water for 15-20 minutes.					
,,,,,,,,	Call a poison control center or doctor for treatment advice.					
If inhaled	Move person to fresh air.					
	 If person is not breathing, call 911 or an ambulance, then give 					
	artificial respiration, preferably by mouth-to-mouth, if possible.					
	 Call a poison control center or doctor for further treatment 					
	NOTE TO PHYSICIAN					
Contains petrole	um distillates - vomiting may cause aspiration pneumonia.					
Have the product container or label with you when calling a poison control center or						
doctor, or going for treatment.						
For 2	4-Hour Medical Emergency Assistance (Human or Animal)					
Or Che	emical Emergency Assistance (Spill, Leak, Fire or Accident)					
	Uali 1 000 000 0272					
	1-000-0372					

Environmental Hazards

This pesticide is toxic to fish, mammals, and aquatic invertebrates. Drift and runoff may be hazardous to aquatic **estuarine/marine** organisms in water adjacent to treated area. Do not apply directly to water, areas where surface water is present, or intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

-33-

reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this products' potential to reach surface water.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or regional office of the EPA.

STORAGE AND DISPOSAL

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

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Pesticide Storage

Store in the original container in cool place.

Pesticide Disposal

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

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

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