



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

100-1613

Date of Issuance:

2/16/17

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Trivapro Fungicide

Name and Address of Registrant (include ZIP Code):

Adora Clark
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Hope Johnson, Product Manager 21
Fungicide Brach, Registration Division (7505P)

Date:

2/16/17

2. You are required to submit to the Agency the following studies by the dates indicated below.

a. Chronic oral toxicity to larval honey bees.

A Tier II study is required if triggered by the Tier I study listed above. In the event a Tier III study is triggered by the Tier II results, it will also be required. If any higher tier study is necessary, you must submit it to EPA within 3 years of notification by the Agency that such a higher tier study is required

b. A controlled water monitoring study to provide further data on the environmental fate of benzovindiflupyr in the aquatic environment must be submitted to the Agency. An up-to-date preliminary report must be submitted by 12/31/17. The completed study must be submitted by 09/01/18.

c. Field study to determine the effectiveness of vegetative filter strips (VFS). The study should address effectiveness relative to run-off reduction, sediment transport rates and delivery totals of benzovindiflupyr in water bodies. The deadline for you to submit the study is 09/01/18.

d. Based on the EPA's review of the results of the studies in paragraphs b. and c., EPA may determine either that the study described in paragraph b. must be extended or that other studies or monitoring are needed in order to allow the Agency to continue to conclude that benzovindiflupyr does not pose unreasonable adverse effects on the environment insofar as aquatic risk are concerned as per the agreement letter of August 28, 2015.

e. An additional chronic (42-d) sediment toxicity study with the freshwater amphipod, *Hyalella azteca*. The deadline for the study is 09/01/17.

3. You are required to comply with the data requirements described in the DCIs identified below:

a. Propiconazole GDCI-122101-1610

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

4. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, "EPA Reg. No. 100-1613."
- Add an appropriate EPA Establishment Number

5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 04/29/2016
- Alternate CSF 1 dated 04/29/2016

If you have any questions, please contact Fatima Sow by phone at (703) 347-8308, or via email at sow.fatima@epa.gov.

Enclosure

GROUP	3	7	11	FUNGICIDE
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Trivapro™ Fungicide

Active Ingredients:

Benzovindiflupyr*:	2.9%
Azoxystrobin**:	10.5%
Propiconazole***:	11.9%
Other Ingredients:	74.7%
Total:	100.0%

*CAS No. 1072957-71-1

**CAS No. 131860-33-8

***CAS No. 60207-90-1

Trivapro Fungicide is formulated as a suspo-emulsion and contains 0.25 lb of benzovindiflupyr, 0.92 lb of azoxystrobin, and 1.04 lb of propiconazole active ingredients per gallon.

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-

EPA Est.

SCP

2.5 gallons

264 gallons

_____ gallons

Net Contents

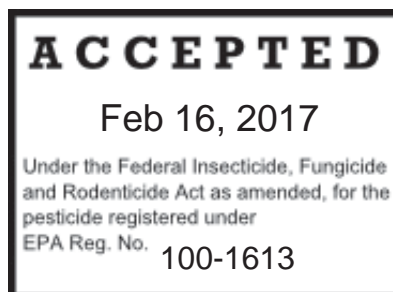


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1.0 FIRST AID

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything to an unconscious person.
If on skin	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<p style="text-align: center;">HOTLINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372</p>	

2.0 PRECAUTIONARY STATEMENTS

2.1 Hazards to Humans and Domestic Animals

WARNING/AVISO

Causes substantial but temporary eye injury. Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin. Wear protective eyewear. Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

2.2 Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, or Viton®.)
- Shoes plus socks
- Protective eyewear (goggles, face shield, or shielded safety glasses)

User Safety Requirements

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Follow the 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.

2.2.1 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.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

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.

2.3 Environmental Hazards

Azoxystrobin, benzovindiflupyr and propiconazole are toxic to fish, and azoxystrobin and benzovindiflupyr are toxic to aquatic invertebrates. Benzovindiflupyr is also toxic to mammals. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated area. Azoxystrobin can be persistent for several months or longer.

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be

hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

2.3.1 GROUND WATER ADVISORY

Azoxystrobin has degradation products which have properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

2.3.2 SURFACE WATER ADVISORY

Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. A 15-foot 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 loading of benzovindiflupyr, propiconazole and azoxystrobin from runoff water and sediment. Do not cultivate within 15 feet of the aquatic areas to allow growth of a vegetative filter strip. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours. Sound erosion control practices will reduce this product's potential to reach aquatic sediment via runoff.

2.4 Physical or Chemical Hazards

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Trivapro Fungicide must be used only in accordance with directions on this label or in separately published, EPA approved, Syngenta supplemental labeling for this product.

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.

Notify state and/or Federal authorities and Syngenta immediately if you observe any adverse environmental effects due to use of this product.

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

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), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

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

- Coveralls
- Chemical-resistant gloves (barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, or Viton.)
- Shoes plus socks
- Protective eyewear (goggles, face shield, or shielded safety glasses)

3.0 PRODUCT INFORMATION

- Read all label directions before use. All applications must be made according to the use directions that follow.
- Trivapro Fungicide is a broad-spectrum, preventative fungicide for the control of many important plant diseases, formulated as a suspo-emulsion (SE).
- Trivapro Fungicide is a member of Syngenta's Plant Performance™ product line and may also improve the yield and/or quality of the crop. These possible benefits are due to positive effects on plant physiology. The effects may vary according to factors such as the crop, crop hybrid, or environment.

3.0.1 CROP TOLERANCE/PHYTOTOXICITY

Crop tolerance/phytotoxicity has been found to be acceptable for all crops on the label; however, not all possible tank-mix combinations have been tested under all conditions. When possible, test your tank-mix combination(s) on a small portion of the crop to ensure that a phytotoxic response will not occur as a result of application.

ATTENTION

Trivapro Fungicide is extremely phytotoxic to certain apple varieties. AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

3.0.2 DISEASE SUPPRESSION

If a use indicates suppression it refers to control which can range from fair to good, or consistent control at a level below that obtained with products registered for control.

3.1 Integrated Pest (Disease) Management (IPM)

Trivapro Fungicide should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. This should include selection of varieties with disease tolerance, removal of plant debris in which inoculum overwinters, and proper timing and placement of irrigation. Consult your local agricultural authorities for additional IPM strategies established for your area. Trivapro Fungicide may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

3.2 Resistance Management

GROUP	7	3	11	FUNGICIDES
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Trivapro Fungicide is a combination of three modes of action. Benzovindiflupyr is a Group 7 fungicide, which is in the succinate dehydrogenase inhibitor (SDHI) class; propiconazole is in Group 3, which is the triazole class; and azoxystrobin is in Group 11, which is in the strobilurin class. 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 encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label. Trivapro Fungicide should not be alternated or tank-mixed with any fungicide to which resistance has already developed.

As part of a resistance management strategy:

- Apply no more than 2 sequential applications unless otherwise stated in the crop section.
- When tank-mixing or alternating, use an effective partner – one that provides satisfactory disease control when used alone at the mixture rate.
- Apply early to keep fungal populations low.
- Incorporate integrated pest management (IPM) practices into your program which can help reduce disease development and spread.
- Do not use Trivapro Fungicide for vegetable transplant production.

Follow the crop-specific resistance management recommendations in **Section 7.0**.

4.0 APPLICATION DIRECTIONS

4.1 Methods of Application

Apply Trivapro Fungicide at rates specified in the crop tables (**Section 7.0**). Where permitted, applications can be made by ground, by air, and via chemigation as specified in **Section 7.0**. Refer to **Section 4.5** for details of application by chemigation.

GROUND APPLICATION:

OBSERVE THE FOLLOWING RESTRICTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, ESTUARIES, AND COMMERCIAL FISH PONDS.

- Do not apply within 15 ft of bodies of water such as lakes, reservoirs, rivers, permanent streams, natural ponds, marshes or estuaries.
- Shut off the sprayer when row ends.
- Do not cultivate within 15 ft of aquatic areas in order to allow growth of a vegetative filter strip.
- Do not apply when weather conditions favor drift to aquatic areas. Do not apply when gusts or sustained winds exceed 10 mph.
- Do not apply during a temperature inversion. Mist or fog may indicate the presence of an inversion in humid areas.

4.2 Application Equipment

Trivapro Fungicide may be applied with all types of spray equipment commonly used for making aerial and ground applications. Proper adjustments and calibration of spray equipment are needed to provide penetration and coverage essential for good disease control.

4.2.1 NOZZLES

- Equip sprayers with nozzles that provide accurate and uniform application and desired spray quality.
- Screens should be used to protect the pump and to prevent nozzles from clogging.
- Nozzles should be the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.

4.2.2 PUMP

- Use a pump with capacity to:
 1. Maintain 35-40 psi at nozzles
 2. Provide sufficient agitation in the tank to keep tank-mixture in suspension; this requires recirculation of 10% of tank volume per minute.
 3. If agitation stopped for brief periods of time, re-suspend the spray solution by running on full agitation prior to spraying.
- Use a jet agitator or liquid sparge tube for agitation.

- Do not air sparge.
- 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.

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.

4.3 Application Volume and Spray Coverage

See **Crop use Directions (Section 7.0)** for additional application volume information.

- Thorough coverage is necessary to provide good disease control.
- Avoid spray overlap, as crop injury may occur.
- For aerial application, apply in a minimum of 2 gallons of water per acre unless specified otherwise on this label.
- For ground application, apply in a minimum of 10 gallons of water per acre unless specified otherwise on this label.
- Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur.

4.4 Mixing Directions

- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray application equipment before using this product.
- Thoroughly 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 or dispose of as per state or local regulations.
- **Restriction:** DO NOT tank mix with undiluted fertilizer. Dilute the suspension fertilizer to 50% with water (1:1 fertilizer to water ratio) before mixing.

4.4.1 TRIVAPRO FUNGICIDE ALONE

- Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank.
- With the agitator running, add Trivapro Fungicide to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after Trivapro Fungicide has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.
- *Optional Language:* [Add tank-mix defoamer if needed.]
- *Optional Language:* [Add a tank-mix compatibility agent and buffering agents when using with fertilizer suspensions.]

4.4.2 TANK-MIX PRECAUTIONS

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

- Trivapro Fungicide can be tank-mixed with other fungicides, herbicides, insecticides, liquid fertilizers, adjuvants, and additives however not all combinations or environmental conditions have been tested.
- To ensure against incompatibility and crop injury, it is recommended to test the combinations on a small portion of the crop to be treated.
- A tank mixture with Dimethoate may cause crop injury.

4.4.3 TANK-MIX COMPATIBILITY TEST

A jar compatibility test is recommended prior to tank-mixing with other pesticides and/or adjuvants/additives, in order to ensure the compatibility of Trivapro Fungicide with other products, adjuvants or fertilizers. The recommended procedure for conducting jar tank-mix compatibility tests is as follows:

Compatibility Test: Always perform a tank-mix compatibility test when mixing with new or unknown tank-mix partners before use. Use compatibility agents or buffering agents as per manufacturer label recommendations when using fertilizer suspensions as carrier. The following test assumes a spray volume of 25 gal/A. For other spray volumes, make appropriate changes in the components. Perform tank-mix compatibility test as follows:

1. Add 1 pt of carrier (either the water or liquid fertilizer to be used in the spray operation) to each of two clear 1-qt jars with tight lids.
2. To **one** of the jars, add ¼ tsp or 1.2 ml of a commercially available tank-mix compatibility agent approved for this use (¼ tsp is equivalent to 2 pt/100 gallons of spray solution). Close the lid, invert the jar, shake or stir gently to ensure thorough mixing of the compatibility agent.
3. To **both** jars, add the appropriate amount of each tank-mix partner. If more than one tank-mix partner is to be used, follow the mixing order, add dry formulations (wetable powders or water dispersible granules) first, followed by liquid flowables, capsule suspensions, emulsifiable concentrates, and finally add adjuvants. After each addition, invert the jar, shake or stir gently to thoroughly mix. The appropriate amount of each tank-mix partner for this test, is as follows:
4. **Dry formulations:** For each pound to be applied per acre, add 1.5 level teaspoons to each jar.
5. **Liquid formulations:** For each pint to be applied per acre, add 0.5 teaspoon or 2.5 milliliters to each jar.

6. After adding all ingredients, close the jars and tighten, then invert each jar 10 times to fully mix. Let the mixtures stand for 15-30 minutes and then assess by looking for separation, large flakes, precipitates, gels, heavy oily film on the jar, or other signs of incompatibility. Determine if a compatibility agent is needed in the spray mixture by comparing the two jars. If either mixture separates, but can be remixed readily, the mixture can be sprayed as long as good agitation is used. If the mixtures are incompatible, test the following methods of improving compatibility: (A) Pre-slurry dry formulations in water before addition to the jar, or (B) add the compatibility agent directly into liquid formulations, before addition to the jar. If these procedures are followed but incompatibility is still observed, do not prepare the tank mix in the spray tank.

4.4.4 TRIVAPRO FUNGICIDE IN TANK MIXTURES

- Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank.
- Start the agitator before adding any tank-mix partners
- When using in a tank-mix, add different formulation types in the sequence indicated below.
 1. Products packaged in water-soluble packaging
 2. Wettable powders
 3. Wettable granules (dry flowables)
 4. Liquid flowables
 5. Capsule suspensions
 6. Soluble liquids
 7. Emulsifiable concentrates
 8. Surfactants/adjuvants.
- Allow each product to completely dissolve and disperse into the mix water before adding the next product. Continue agitation while the next product is added.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after all products have completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.
- *Optional Language:* [Add tank-mix defoamer if needed.]

4.4.5 SPRAY ADDITIVES

- For some uses on this label, a spreading/penetrating type adjuvant such as a non-ionic surfactant, crop oil concentrate, silicone based, or blend must be added at the manufacturer's recommended rates.
- For other crop uses, an adjuvant is recommended. When an adjuvant is to be used with this product, the use of an adjuvant that meets the standards of the Council of Producers and Distributors of Agrotechnology (CPDA) certification program is recommended.
- Under certain weather conditions (particularly high temperatures), this fungicide in combination with high rates of silicone-based or oil containing (petroleum or crop) additives or adjuvants may cause injury. Do not exceed 0.125% adjuvant (v/v). Consult a Syngenta representative for more information concerning additives or

adjuvants.

4.5 Application through Irrigation Systems (Chemigation)

4.5.1 APPLICATION DIRECTIONS FOR OVERHEAD IRRIGATION SYSTEMS

- Use only on crops for which chemigation is specified on this label.
- Use only with drive systems which provide uniform water distribution.
- Do not use end guns because of non-uniform application
- 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.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers, or chemigation 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.
- Chemical tank and injector system should be thoroughly cleaned and flushed with clean water prior to use.
- Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Thorough coverage of foliage is required for good control.
- Good agitation should be maintained in the tank during the entire application period.
- Trivapro Fungicide has not been sufficiently tested via irrigation systems to determine product efficacy.
- In general, best performance via irrigation is 0.1 to 0.25 inches of water per acre.

Center-Pivot Irrigation

Restrictions: (1) Use only with drive systems which provide uniform water distribution.
(2) Do not use end guns when chemigating Trivapro Fungicide through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply $\frac{1}{8}$ - $\frac{1}{2}$ inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying Trivapro Fungicide 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 Trivapro Fungicide required to treat the area covered by the irrigation system.
- Add the required amount of Trivapro Fungicide 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 Trivapro Fungicide 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 Trivapro Fungicide solution has cleared the sprinkler head.

Solid-Set, Hand-Move, and Moving-Wheel Irrigation

- 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 Trivapro Fungicide through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Trivapro Fungicide required needed to treat the area covered by the irrigation system.
- Add the required amount of Trivapro Fungicide 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 Trivapro Fungicide solution has cleared the last sprinkler head.

4.5.2 OPERATING INSTRUCTIONS FOR CHEMIGATION

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, quick-closing 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.

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

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

4.5.3 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, quick-closing 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.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

5.0 ROTATIONAL CROP RESTRICTIONS

The following crops may be planted at the specified interval following application of Trivapro Fungicide:

Crop	Plant-Back Interval
Canola Cereals (wheat, barley, triticale, rye, oat) Corn Corn, sweet Beans, dry and succulent, except soybean Peanuts Soybean	0 days
Cotton Cucurbits vegetables Fruiting vegetables Potatoes Tomatoes Tuberous & corm subgroup 1C	105 days
All other crops Intended for Food and Feed	6 months/180 days

6.0 RESTRICTIONS AND PRECAUTIONS

6.1 Use Restrictions

- **DO NOT** apply through any ultra-low volume (ULV) spray system.
- Not for use in greenhouses.
- **DO NOT** use spray equipment which has been previously used to apply Trivapro Fungicide to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.
- To help manage fungicide resistance, do not use Trivapro Fungicide for commercial transplant production.

6.2 Use Precautions

- Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if maximum amount of Trivapro Fungicide has been used.
- If isolates resistant to Group 7, 3 or 11 fungicides are present, efficacy can be reduced for certain diseases.
- The higher rates in the rate range and/or shorter spray intervals may be required under conditions of heavy infection pressure, with highly susceptible varieties, or when environmental conditions are conducive to disease.

6.3 Spray Drift Management

ATTENTION

- AVOID SPRAY DRIFT. DO NOT spray Trivapro Fungicide where spray drift may reach apple trees. Trivapro Fungicide is extremely phytotoxic to certain apple varieties. Extreme care must be used to prevent injury to apple trees (and apple fruit).
- AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND GROWER.
- Do not apply when conditions favor drift beyond the target area.
- The interaction of many equipment- and weather-related factors determines the potential for spray drift.
- To avoid spray drift, DO NOT apply when the wind speed is greater than 10 mph or during periods of temperature inversions.
- Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

6.3.1 Aerial Spray DIRECTIONS

Observe the following restrictions when spraying in the vicinity of aquatic areas such as lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish ponds.

- Do not apply by air within 150 ft of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish ponds. Do not make applications more than 10 feet above the crop canopy.
- For aerial applications, mount the spray boom on the aircraft so as to minimize the drift caused by wing tip vortices. Use the minimum practical boom length, which must not exceed 75% of wing span or rotor diameter.
- Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orientating nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Release spray at the lowest height consistent with pest control and flight safety. Do not make applications more than 10 feet above the crop canopy.
- Risk of exposure to aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.
- Do not apply when weather conditions favor drift to aquatic areas. Do not apply when gusts or sustained winds exceed 10 mph.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic area. Avoid spraying during conditions of low humidity and/or high temperatures.
- Do not apply during a temperature inversion. Mist or fog may indicate the presence of an inversion in humid areas.

6.3.2 CONTROLLING DROPLET SIZE

- **Volume** – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** – Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher rate nozzles instead of increasing pressure.
- **Number of Nozzles** – Use the minimum number of nozzles that provide uniform coverage.

6.3.3 APPLICATION HEIGHT

Applications must be made at the lowest height above the target area that still provides uniform coverage of the target. Making applications at the lowest yet effective height reduces exposure of droplets to wind.

6.3.4 WIND

Drift potential is lowest when wind speeds are 10 mph or less. However, many factors, including droplet size, pressure, and equipment type determine drift potential at any given wind speed. **Note:** Local terrain can influence wind patterns.

6.3.5 TEMPERATURE INVERSIONS

Applications must not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates, indicates good vertical air mixing.

6.3.6 NON-TARGET AREAS

Do not apply this pesticide when the product may drift to non-target areas (i.e., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops).

7.0 CROP USE DIRECTIONS

7.1 Rapeseed (Canola) Subgroup 20A

Crops (including all cultivars, varieties, and/or hybrids of these)			
Borage	Gold of pleasure	Mustard seed	
Crambe	Hare's ear mustard	Oil radish	
Cuphea	Lesquerella	Poppy seed	
Echium	Lunaria	Rapeseed	
Flax seed	Meadowfoam	Sesame	
	Milkweed	Sweet rocket	
Target Disease	Rate (fl oz/A)	Application Timing	Use Directions
Alternaria black spot <i>(Alternaria.brassicae)</i> Black leg/Phoma <i>(Leptosphaeria maculans)</i> Cercospora leafspot <i>(C. brassicicola)</i> Leaf spot and pod rot <i>(Alternaria alternata)</i> Powdery mildew <i>(Erysiphe polygoni)</i>	13.7	For Phoma control, apply during the rosette stage between 2nd true leaf and bolting. For Alternaria, make an application at the end of flowering/early pod set. For other foliar diseases, apply at first sign of disease.	An adjuvant may be added at recommended rates.
USE RESTRICTIONS			
1) Refer to Section 6.1 for additional product use restrictions. 2) Maximum Single Application Rate: 13.7 fl oz/A 3) Make no more than one Trivapro Fungicide application per year. 4) Maximum Annual Rate: 13.7 fl oz product/A/year a. Do not apply more than 0.113 lb ai/A/year of propiconazole-containing products. b. Do not apply more than 0.45 lb ai/A/year of azoxystrobin-containing products. c. Do not apply more than 0.046 lb ai/A/year of benzovindiflupyr -containing products. 5) Pre-harvest Interval (PHI): 30 days			

7.2 Cereals

Crops (including all cultivars, varieties, and/or hybrids of these)			
Barley Oats	Rye Triticale	Wheat	
Target Disease	Rate (fl oz/A)	Application Timing	Use Directions
Early-season suppression of: Glume blotch <i>(Stagonospora nodorum)</i> Leaf blight <i>(Septoria tritici)</i> Powdery mildew <i>(Blumeria spp.)</i> Rusts <i>(Puccinia spp.)</i> Tan spot <i>(Pyrenophora tritici-repentis)</i>	9.4 – 13.7	Apply prior to disease development. Apply 9.4 oz/A after first tiller visible to 2-6 node stage (Feekes 2-7, Zadoks 21-36) for suppression of early season diseases; Make applications no closer than 14 days apart.	An adjuvant may be added at recommended use rates.
Control of Leaf Diseases: Glume blotch <i>(Stagonospora nodorum)</i> Helminthosporium leaf blight <i>(Drechslera tritici-repentis)</i> Leaf blight <i>(Septoria tritici)</i> Powdery mildew <i>(Blumeria spp., Erysiphe spp.)</i> Rusts <i>(Puccinia spp.)</i> Spot blotch <i>(Bipolaris sorokiniana)</i> Tan spot <i>(Pyrenophora tritici-repentis)</i>	9.4 – 13.7	For disease control on the flag leaf, apply from Feekes 8 (Zadoks 37) through Feekes 10 (Zadoks 45). Protecting the flag leaf is important for maximizing the potential yield. Highest yields are normally obtained. Trivapro Fungicide is applied when the flag leaf is 50% to fully emerged. Applications may be made no closer than a 14-day interval. Trivapro Fungicide can be applied through full head emergence (Feekes growth stage 10.5.4). Do not apply after this stage to avoid possibly illegal residues.	An adjuvant may be added at recommended use rates.
Feekes Growth Stage and Zadoks description: Feekes 8 (Zadoks 37) – flag leaf just visible; Feekes 10 (Zadoks 45) – swollen boot; Feekes 10.3 (Zadoks 55) – 50% of ear has emerged; Feekes 10.51 (Zadoks 61) – beginning anthesis; Feekes 10.52 (Zadoks 65) – mid-flowering (mid-anthesis)			
Resistance Management: <ul style="list-style-type: none"> Do not make more than two applications of Trivapro Fungicide or other Group 7 or 11 fungicides before alternation with a fungicide that is not in Group 7 or 11. 			
USE RESTRICTIONS			

- 1) Refer to **Section 6.1** for additional product use restrictions.
- 2) **Maximum Single Application Rate:** 13.7 fl oz/A
- 3) **Minimum Application Interval:** 14 days
- 4) **Maximum Annual Rate for forage and hay:** 13.7 fl oz/A
- 5) **Maximum Annual Rate (except forage and hay):** 27.4 fl oz/A/year
 - a. **Do not** apply more than 0.22 lb ai/A/year of propiconazole-containing products.
 - b. **Do not** apply more than 0.4 lb ai/A/year of azoxystrobin-containing products.
 - c. **Do not** apply more than 0.092 lb ai/A/year of benzovindiflupyr-containing products.
- 6) **Do not apply after Feekes growth stage 10.5.4**
- 7) **Pre-harvest Interval (PHI):**
 - a. **Grain (except Barley):** 14 days
 - b. **Forage and Hay:** 7 days
 - c. **Barley Grain and Straw:** 45 days

7.3 Corn (except sweet)

Crops (including all cultivars, varieties, and/or hybrids of these except sweet corn) – See Section 7.3.1 for sweet corn use directions.			
Corn, field		Popcorn	
Target Disease	Rate (fl oz/A)	Application Timing	Use Directions
Anthracnose leaf blight (<i>Colletotrichum graminicola</i>) Eye spot (<i>Aureobasidium zeae</i>) Gray leaf spot (<i>Cercospora zeae-maydis</i>) Northern corn leaf blight (<i>Setosphaeria turcica</i>) Northern corn leaf spot (<i>Cochliobolus carbonum</i>) Physoderma brown spot (<i>Physoderma maydis</i>) Rusts (<i>Puccinia</i> spp.) Southern corn leaf blight (<i>Cochliobolus heterostrophus</i>) also known as Helminthosporium leaf blights (<i>H. maydis</i> , <i>H. turcicum</i> , <i>H. carbonum</i>) Tar spot (<i>Phyllachora maydis</i>) Suppression of: Diplodia ear rot (<i>D. maydis</i>)	13.7	An early application (V4-V8) may be applied for early-season disease control and plant performance benefits. Continue applications through season on a 14-day interval, following the resistance management guidelines. Later-season applications: Apply when disease first appears. If conditions favorable for disease persist, apply again 14 days later.	Apply by ground, air, or chemigation. An adjuvant may be added at recommended use rates. Avoid the use of adjuvants or other additives after the V8 growth stage and prior to the VT growth stage, as use during these development times may impose stress on the plant that could inhibit proper kernel development. VT is defined as when the last branch of the tassel is completely visible, but silks have not yet emerged from the ear shoot.
Growth Stage Description: V4-V8 – 4-8 leaves with visible leaf collars have emerged; VT – begin tasseling; R1 –silk emergence			
Resistance Management: <ul style="list-style-type: none"> Do not make more than two applications of Trivapro Fungicide or other Group 7 or 11 fungicides before alternation with a fungicide that is not in Group 7 or 11. 			
Precaution: <ul style="list-style-type: none"> Mixing with Herbicides: If mixing with herbicides other than solo glyphosate products, Acuron®, Callisto® or Callisto Xtra, Lexar®, Lumax®, consult your local Syngenta representative. 			
USE RESTRICTIONS			
1) Refer to Section 6.1 for additional product use restrictions. 2) Maximum Single Application Rate: 13.7 fl oz/A 3) Minimum Application Interval: 14 days 4) Maximum Annual Rate: 47 fl oz/A/year <ol style="list-style-type: none"> Do not apply more than 0.45 lb ai/A/year of propiconazole-containing products. Do not apply more than 2.0 lb ai/A/year of azoxystrobin-containing products. 			

- c. **Do not** apply more than 0.092 lb ai/A/year of benzovindiflupyr-containing products.
- 5) **Pre-harvest Interval (PHI):** 30 days.

7.4 Corn, Sweet

Crops (including all cultivars, varieties, and/or hybrids)			
Sweet corn			
Target Disease	Rate (fl oz/A)	Application Timing	Use Directions
Anthracnose leaf blight (<i>Colletotrichum graminicola</i>) Eye spot (<i>Aureobasidium zeae</i>) Gray leaf spot (<i>Cercospora zeae-maydis</i>) Northern corn leaf blight (<i>Setosphaeria turcica</i>) Northern corn leaf spot (<i>Cochliobolus carbonum</i>) Physoderma brown spot (<i>P. maydis</i>) Rusts (<i>Puccinia</i> spp.) Southern corn leaf blight (<i>Cochliobolus heterostrophus</i>) Yellow leaf blight (<i>Phyllosticta maydis</i>)	13.7	Begin applications prior to disease development. Continue applications through season on a 14-day interval, following the resistance management guidelines.	Apply by ground, air, or chemigation. An adjuvant may be added at recommended use rates.
Resistance Management: <ul style="list-style-type: none"> Do not make more than two applications of Trivapro Fungicide or other Group 7 or 11 fungicides before alternation with a fungicide that is not in Group 7 or 11. 			
USE RESTRICTIONS			
1) Refer to Section 6.1 for additional product use restrictions. 2) Maximum Single Application Rate: 13.7 fl oz/A 3) Minimum Application Interval: 14 days 4) Maximum Annual Rate: 54.8 fl oz/A/year <ol style="list-style-type: none"> Do not apply more than 0.45 lb ai/A/year of propiconazole-containing products. Do not apply more than 2.0 lb ai/A/year of azoxystrobin-containing products. Do not apply more than 0.136 lb ai/A/year of benzovindiflupyr-containing products. 5) Pre-harvest Interval (PHI): 14 days			

7.5 Beans, Dry and Succulent (except soybean)

Crops (Including all cultivars, varieties and/or hybrids of these)			
Dried cultivars of bean (<i>Lupinus</i> spp.) (grain lupin, sweet lupin, white lupin, and white sweet lupin)	Bean (<i>Vigna</i> spp.) (adzuki bean, black-eyed pea, catjang, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean)	Chickpea	
Bean (<i>Phaseolus</i> spp.) (field bean, kidney bean, lima bean (dry), navy bean, pinto bean, tepary bean)	Broad bean (dry)		
Target Disease	Rate (fl oz/A)	Application Timing	Use Directions
Alternaria blight Alternaria leaf spot (<i>A. alternata</i>) Ascochyta blight, leaf spot (<i>Ascochyta</i> spp.) Powdery mildew (<i>Leveillula taurica</i>) Anthracnose (<i>Colletotrichum</i> spp.) Cercospora leaf spot (<i>Cercospora</i> spp.) Mycosphaerella blight (<i>Mycosphaerella</i> spp.) Rust (<i>Uromyces appendiculatus</i> , <i>Phakopsora</i> spp.) Web Blight (<i>Rhizoctonia solani</i>)	13.7	Begin applications prior to disease development. Continue applications through season on a 14-day interval, following the resistance management guidelines.	Apply by ground, air, or chemigation. An adjuvant may be added at recommended use rates.
Resistance Management: <ul style="list-style-type: none"> Do not make more than two applications of Trivapro Fungicide or other Group 7 or 11 fungicides before alternation with a fungicide that is not in Group 7 or 11. 			
USE RESTRICTIONS			
1) Refer to Section 6.1 for additional product use restrictions. 2) Maximum Single Application Rate: 13.7 fl oz/A 3) Minimum Application Interval: 14 days 4) Maximum Annual Rate: 41.1 fl oz/A/year a. Do not apply more than 0.34 lb ai/A/year of propiconazole-containing products. b. Do not apply more than 1.5 lb ai/A/year of azoxystrobin-containing products. c. Do not apply more than 0.112 lb ai/A/year of benzovindiflupyr-containing products. 5) Do not use on cowpea cultivars intended for livestock feeding only. 6) Pre-harvest Interval (PHI): 14 days			

7.6 Peanut

Crops (including all cultivars, varieties, and/or hybrids)			
Peanut			
Target Disease	Rate (fl oz/A)	Application Timing	Use Directions
Early leaf spot (<i>Cercospora arachidicola</i>) Late leaf spot (<i>Cercosporidium personatum</i>) Pepper Spot (<i>Leptosphaerulina crassiasca</i>) Rust (<i>Puccinia arachidis</i>) Web blotch (<i>Phoma arachidicola</i>)	13.7	<p>Begin applications prior to disease development.</p> <p>Begin foliar applications 30-40 days after planting or at the first appearance of disease.</p> <p>Continue applications on a 21-day schedule.</p> <p>Check with local extension/forecasting systems to determine if an extended interval up to 21 days is suitable for your area.</p> <p>For control of Southern stem rot and limb rot, broadcast Trivapro Fungicide at 13.7 oz/A 3 times on a 14-day interval starting as early as 45-60 days after planting or when conditions are conducive for disease. This will provide leafspot control as well.</p> <p><i>Optional language: An early (14-21 days after planting) application broadcast or in a 7-10 inch band over the row can be used for early season infections.</i></p>	<p>Apply by ground, air, or chemigation.</p> <p>An adjuvant may be added at recommended use rates.</p>
Rhizoctonia limb rot (<i>Rhizoctonia solani</i>) Southern stem rot (<i>Sclerotium rolfsii</i>)		<p>Begin broadcast applications starting as early as 21-45 days after planting or when conditions are conducive for disease.</p> <p>Make 2 additional applications on a 14-day interval. This will provide leaf spot control as well.</p>	
Resistance Management:			

- Do not make more than two applications of Trivapro Fungicide or other Group 7 or 11 fungicides before alternation with a fungicide that is not in Group 7 or 11.

USE RESTRICTIONS

- 1) Refer to **Section 6.1** for additional product use restrictions.
- 2) **Maximum Single Application Rate:** 13.7 fl oz/A
- 3) **Minimum Application Interval:** 14 days
- 4) **Maximum Annual Rate:** 54.8 fl oz/A/year
 - a. **Do not** apply more than 0.45 lb ai/A/year of propiconazole-containing products.
 - b. **Do not** apply more than 0.8 lb ai/A/year of azoxystrobin-containing products.
 - c. **Do not** apply more than 0.204 lb ai/A/year of benzovindiflupyr-containing products.
- 5) **Pre-harvest Interval (PHI):** 30 days

7.7 Soybean

Crops (including all cultivars, varieties, and/or hybrids)			
Forage Hay		Hulls	Seed
Target Disease	Rate (fl oz/A)	Application Timing	Use Directions
Aerial web blight (<i>Rhizoctonia solani</i>) Alternaria leaf spot (<i>Alternaria</i> spp.) Anthracnose (<i>Colletotrichum truncatum</i>) Brown spot (<i>Septoria glycines</i>) Cercospora blight and leaf spot (<i>C. kikuchii</i>) Frogeye leaf spot (<i>Cercospora sojina</i>) Pod and stem blight (<i>Diaporthe phaseolorum</i>) Powdery mildew (<i>Microsphaera diffusa</i>) Target spot (<i>Corynespora cassiicola</i>)	13.7 – 20.7	Apply at growth stage R3 (early pod set) when pods are 1/8-1/4 inch long). Continue applications through season on a 14-day interval, following the resistance management guidelines.	Apply by ground, air, or chemigation. An adjuvant may be added at recommended use rates.
Soybean rust (<i>Phakopsora pachyrhizi</i>)	13.7 – 20.7	Preventative control is best, so sprays may need to begin at R1. Apply at first indication that disease is in the area. Repeat on a 14- to 21-day interval. Scouting for the disease and/or being aware of the proximity of the disease via monitoring systems will aid in the proper timing to maximize the effectiveness of the fungicide applications.	Apply by ground, air, or chemigation. An adjuvant may be added at recommended use rates. Use higher rate and shorter interval when diseases are present in the field and incidence is less than 2% (2 plants in 100 are infected).
Resistance Management: <ul style="list-style-type: none"> Do not make more than two applications of Trivapro Fungicide or other Group 7 or 11 fungicides before alternation with a fungicide that is not in Group 7 or 11. 			
Precautions: <ul style="list-style-type: none"> On certain varieties, Trivapro Fungicide applications may cause crinkled, smaller and/or greener leaves. Yields of beans displaying these characteristics have not been reduced due to Trivapro Fungicide treatments. If incidence of soybean rust is greater than 2% or the disease is in mid-canopy, control will not be acceptable. 			
USE RESTRICTIONS			
1) Refer to Section 6.1 for additional product use restrictions. 2) Maximum Single Application Rate:			

- a. **For grain:** 20.7 fl oz/A
- b. **For forage and hay:** 13.7 fl oz/A
- 3) **Minimum Application Interval:** 14 days
- 4) **Maximum Annual Rate:** 41.4 fl oz/A/year
 - a. **Do not** apply more than 0.34 lb ai/A/year of propiconazole-containing products.
 - b. **Do not** apply more than 1.5 lb ai/A/year of azoxystrobin-containing products.
 - c. **Do not** apply more than 0.092 lb ai/A/year of benzovindiflupyr-containing products.
- 5) **Do not feed soybean hay, forage, and silage to livestock.**
- 6) **Do not apply more than 2 applications per year.**
- 7) **Pre-harvest Interval (PHI) for Grain:** 14 days or R6, whichever is longest

8.0 STORAGE AND DISPOSAL

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in original container only. Store in a cool, dry and well-ventilated place. Protect from excessive heat. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

Pesticide Disposal

Pesticide wastes may be toxic or acutely hazardous. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Handling [equal to or less than 5 gallons]

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 of 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, by other procedures allowed by state and local authorities.

Container Handling [greater than 5 gallons]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the

container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, by other procedures allowed by state and local authorities.

Container Handling [greater than 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

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

9.0 CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

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. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC 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

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10.0 APPENDIX

10.1 Trivapro Fungicide Rate Conversion Chart

Fl oz Product/A	Lb ai/A benzovindiflupyr	Lb ai/A azoxystrobin	Lb ai/A propiconazole	Acres Treated per gallon
9.4	0.018	0.067	0.076	13.6
12.8	0.025	0.092	0.104	10
13.7	0.027	0.098	0.111	9.3
27.6	0.054	0.198	0.224	4.6

10.2 Trivapro Fungicide Use Summary Table

IMPORTANT: The table below is a summary of the Crop Use Directions for Trivapro Fungicide. However, it is important for the user to read and follow the complete instructions contained within this label.

Crop or Crop Group or Subgroup, with examples	Maximum Rate per Application (fl oz/A)	Minimum Application Interval (days)	Pre-harvest Interval (PHI)	Maximum Rate per Year (fl oz/A)
Rapeseed (Canola) Subgroup 20A	13.7	NA	30 days	23.5
Cereals Barley, wheat	13.7	14	Grain (except barley): 14 days Forage and hay: 7 days Barley grain and straw: 45 days	27.4
Corn (except sweet) Field corn, popcorn	13.7	14	30 days	47
Corn, sweet	13.7	14	14 days	54.8
Beans, Dry and Succulent (except soybean) Chickpea, lentil	13.7	14	14 days	41.1
Peanut	13.7	14	30 days	54.8
Soybeans	Grain: 20.7 Forage and hay: 13.7	14	Grain: 14 days or R6, whichever is longest	41.4

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