GROUP 12 FUNGICIDE

PULL HERE TO OPEN

Scholar®
Fungicide

syngenta®

Active Ingredient:
Fludioxonil
(CAS No. 131341-86-1) . . . 50.0%

Other Ingredients:	50.0%
Total:	100.0%

Scholar is a 50% wettable powder.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-969

EPA Est. 67545-AZ-1

SCP 969A-L1D 0812
4016208

™

8 ounces
Net Weight

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 on skin:	• 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call **1-800-888-8372**	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

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

Personal Protective Equipment (PPE)

Applicators and other handlers of the fungicide must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made from any waterproof material
- Shoes plus socks

In addition, mixers and loaders for aerial, chemigation, and groundboom applications must wear:

- Filtering facepiece respirator (N95, R95, or P95) (e.g., a dust mask)

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PRECAUTIONARY STATEMENTS *(continued)*

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing 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 product is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsates.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

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. 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, 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 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL.

PRODUCT INFORMATION

Scholar is a protective fungicide used to aid in the control of post harvest diseases. Scholar contains fludioxonil which is in the phenylpyrrole class of chemistry and has a unique mode of action, which prevents fungal respiration [Fungicide Action Group 12]. Fungal isolates with acquired resistance to Group 12 may eventually dominate the fungal population if Group 12 fungicides are used repeatedly or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by fludioxonil or other Group 12 fungicides. A disease management program that includes alternation or tank mixes between Scholar and other labeled fungicides that have a different mode of action may prevent pathogen populations from developing resistance. Use sanitation and other cultural practices to minimize disease in order to control disease and prevent or delay disease development.

NOTE: To avoid product degradation, do not store treated fruit in direct sunlight.

MIXING PROCEDURES

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Vigorous agitation is necessary for proper dispersal of the product. Maintain maximum agitation throughout the spraying operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use.

To determine the physical compatibility of Scholar with other products, use a jar test as described below.

Jar Compatibility Test: Using a quart jar, add the proportionate amounts of the products to 1 qt. of water or wax/oil emulsion. 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.

If using Scholar in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank-mix product label. Do not exceed any label dosage and apply the most restrictive label precautions. Do not mix Scholar with any other product whose label prohibits such mixing. Tank mixtures are permitted only in those states where the tank-mix partner is registered.

THE CROP SAFETY OF ALL POTENTIAL TANK MIXES INCLUDING ADDITIVES AND OTHER PESTICIDES ON ALL CROPS HAS NOT BEEN TESTED. BEFORE APPLYING ANY TANK MIXTURE, THE SAFETY TO THE TARGET CROP SHOULD BE CONFIRMED.

Add $^{1}/_{2}$ of the required amount of water or wax/oil emulsion (or aqueous dilution of a wax/oil emulsion) to the spray or mixing tank. With the agitator running, open the container and add the Scholar to the tank. Continue agitation while adding the remainder of the carrier. Begin application of the solution after the Scholar has completely and uniformly dispersed into the mix carrier. Maintain agitation until all of the mixture has been applied.

If tank-mixing, add the desired amount of other products recommended for tank mixture after Scholar has completely and uniformly dispersed into the mix carrier. Add tank mix partners in this order unless label directions or other considerations indicate otherwise: wettable powders, wettable granules (dry flowables), liquid flowables, liquids, and emulsifiable concentrates. Always allow each tank-mix partner to become fully dispersed before adding the next product. Continue agitation to maintain a uniform suspension until all of the spray solution has been applied. Maintain agitation until all of the mixture has been applied.

APPLICATION INSTRUCTIONS

Apply Scholar at rates and timings as described in this label.

CROP USE DIRECTIONS – POST-HARVEST

Kiwi

Use Scholar as a post-harvest dip or spray for the control of Botrytis fruit rot in kiwi.

Application Method	Disease	Rate (oz.)	Remarks
In-Line Dip/Drench	Botrytis fruit rot	8-16 oz./ 100 gal.	• Mix 8-16 oz. of Scholar in 100 gal. of water, wax/emulsion, or aqueous dilution of wax/oil emulsion. Dip for approximately 30 seconds and allow fruit to drain.
In-Line Aqueous or Fruit Coating Spray Application	Botrytis fruit rot	8-16 oz./ 200,000 lb. of fruit	• Ensure proper coverage of the fruit. • Mix the fungicide solution in an appropriate amount of water, wax/emulsion, or aqueous dilution of wax/oil emulsion for the crop being treated.

Do not make more than one post-harvest application to the fruit.

- Ensure the Scholar solution remains in suspension by using agitation.
- Scholar is stable at temperatures of 60°C (or 140°F) that can be used to disinfest high-volume, recycling tanks.

Pome fruit

Apple (*Malus domestica*); Azarole (*Crataegus azarolus*); Crabapple (*Malus* spp.); Loquat (*Eriobotrya japonica*); Mayhaw (*Crataegus aestivalis, C. opaca,* and *C. rufula*); Medlar (*Mespilus germanica*); Pear (*Pyrus communis*); Pear, Asian (*Pyrus* spp.); Quince (*Cydonia oblonga*); Quince, Chinese (*Chaenomelese speciosa*); Quince, Japanese (*Chaenomelese japonica*); Tejocote (*Crataegus mexicana*); and cultivars, varieties, and/or hybrids of these.

Use Scholar as a post-harvest dip, drench, flood, or spray for the control of post-harvest diseases caused by:

- Blue mold (*Penicillium expansum*)
- Gray mold (*Botrytis cinerea*)
- Bull's-eye rot (*Neofabraea malacorticis*)
- Rhizopus rot (*Rhizopus stolonifer*)
- Bitter rot (*Colletotrichum gloeosporiodes*)
- Sphaeropsis rot (*Sphaeropsis pyriputrescens*)
- Phacidiopycnis rot (*Phacidiopycnis piri*)
- Speck rot (*Phacidiopycnis washingtonensis*)
- White rot (*Botryosphaeria dothidea*)
- Alternaria rot (side rot) and surface mold (*Alternaria alternata*)

Application Method	Disease	Rate (oz.)	Remarks
Bin/Truck Drench or In-Line Dip/ Drench or Flooder	Blue mold Gray mold Bitter rot Speck rot White rot Phacidiopycnis rot Sphaeropsis rot Alternaria rot and surface mold	5-8 oz./ 100 gal.	• Ensure proper coverage of the fruit. • For recycling in-line drench or dip treatments, the fungicide solution may be prepared in water. • For in-line drench or dip applications, treat fruit for 15-30 seconds and allow fruit to drain. • Fruit coatings may be applied separately after aqueous fungicide treatments.
	Rhizopus rot Bull's-eye rot	8 oz./ 100 gal.	

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Application Method	Disease	Rate (oz.)	Remarks
In-Line Aqueous or Fruit Coating Spray Application	Blue mold Gray mold Rhizopus rot Bull's-eye rot Bitter rot Sphaeropsis rot Phacidiopycnis rot White rot Alternaria rot and surface mold	8-16 oz./ 200,000 lb. of fruit	• Ensure proper coverage of the fruit. • Mix the fungicide solution in an appropriate water, wax/oil emulsion, or aqueous dilution of an wax/ oil emulsion for the crop being treated. • Use T-jet, CDA, or similar application system.
For maximum decay control, treat fruit once before storage and once after storage, just prior to marketing.			
• Ensure the Scholar solution remains in suspension by using agitation. • Scholar is stable at temperatures of 60°C (or 140°F) that can be used to disinfest high-volume, recycling tanks.			

Pomegranates

Use Scholar as a dip treatment for the control of post-harvest fruit rot in pomegranates.

Application Method	Disease	Rate (oz.)	Remarks
In-Line Dip/ Drench	Botrytis fruit rot	16 oz./ 100 gal.	• Mix 16. oz. of Scholar in 100 gal. of water, wax/emulsion, or aqueous dilution of wax/oil emulsion. Dip for approximately 30 seconds and allow fruit to drain.
Do not make more than one post-harvest application to the fruit.			
• Ensure the Scholar solution remains in suspension by using agitation. • Scholar is stable at temperatures of 60°C (or 140°F) that can be used to disinfest high-volume, recycling tanks.			

Stone Fruit

Apricot (*Prunus armeniaca*); Nectarine (*Prunus persica*); Peach (*Prunus persica*); Plum (*Prunus domestica, Prunus* spp.); Plum, Chickasaw (*Prunus angustifolia*); Plum, Damson (*Prunus domestica* spp. *insititia*); Plum, Japanese (*Prunus salicina*); Plumcot (*Prunus armeniaca* × *P. domestica*); Prune (fresh), (*Prunus domestica, Prunus* spp.); as well as other cultivars and hybrids of these.

Use Scholar as a post-harvest dip or spray for the control of post-harvest diseases caused by:

- Brown rot (*Monilinia* spp.)
- Gray mold (*Botrytis cinerea*)
- Rizopus rot (*Rhizopus stolonifier*)
- Gibertella rot (*Gilbertella persicaria*)

Application Method	Disease	Rate (oz.)	Remarks
In-Line Dip/ Drench	Brown rot Gray mold Rhizopus rot Gilbertella rot	8-16 oz./ 100 gal.	• Mix 8 oz. of Scholar in 100 gal. of water, wax/emulsion, or aqueous dilution of wax/oil emulsion. • Dip for approximately 30 seconds and allow fruit to drain.
In-Line Aqueous or Fruit Coating Spray Application	Brown rot Gray mold Rhizopus rot Gilbertella rot	8-16 oz./ 200,000 lb. of fruit	• Ensure proper coverage of the fruit. • Mix 8-16 oz. of Scholar in an appropriate water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion for the crop being treated. • Use T-Jet, CDA, or similar application system. • For maximum efficacy, use low volume concentrate application systems for treatment of plums.

Do not make more than one post-harvest application to the fruit.

- Ensure the Scholar solution remains in suspension by using agitation.
- Scholar is stable at temperatures of 60°C (or 140°F) that can be used to disinfest high-volume, recycling tanks.

Stone Fruit

Cherries: Cherry, Sweet (*Prunus avium*); Cherry, Tart (*Prunus cerasus*); as well as other cultivars and hybrids of these.

Application Method	Disease	Rate (oz.)	Remarks
In-Line Aqueous or Flooder Application High-Volume (Dilute-Spray) Application	Brown rot Gray mold Rhizopus rot Gilbertella rot	8-16 oz./ 50,000 lb. of fruit	• Mix 8 oz. of Scholar in 50-100 gal. or 16 oz. of Scholar in 100 gal. of an appropriate water, wax/emulsion, or aqueous dilution of a wax/oil emulsion. • Use flooders, T-jet, or similar application system.
Do not make more than one post-harvest application to the fruit.			
• Ensure the Scholar solution remains in suspension by using agitation.			

Sweet Potatoes

Use Scholar as a post-harvest dip and low volume application for the control of post-harvest rots caused by *Rhizopus stolonifer*.

Application Method	Disease	Rate (oz.)	Remarks
In-Line Dip/ Drench	Rhizopus rot	8-16 oz./ 100 gal.	• Mix 8-16 oz. of Scholar in 100 gal. of water, wax/emulsion, or aqueous dilution of wax/oil emulsion. • Dip for approximately 30 seconds and allow fruit to drain.
In-Line Aqueous or Fruit Coating Spray Application	Rhizopus rot	8 oz./ 200,000 lb. of sweet potatoes	• Ensure proper coverage of the fruit. • Mix 8 oz. of Scholar in an appropriate water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion for the crop being treated. • Use T-Jet, CDA, or similar application system.
Do not make more than one post-harvest application to the sweet potatoes.			
• Ensure the Scholar solution remains in suspension by using agitation. • Scholar is stable at temperatures of 60°C (or 140°F) that can be used to disinfest high-volume, recycling tanks.			

True Yam

Use Scholar as a post-harvest dip for the control of certain post-harvest rots caused by *Penicillium* and *Fusarium* species.

Application Method	Disease	Rate (oz.)	Remarks
Post Harvest Dip Application	Brown rot Gray mold Rhizopus rot Gilbertella rot	8-16 oz./ 100 gal.	• Mix 8-16 oz. of Scholar in 100 gal. of an appropriate water, wax/emulsion, or aqueous dilution of wax/oil emulsion. • Dip for approximately 30 seconds and allow fruit to drain.
Do not make more than one post-harvest application to the tubers.			
• Ensure the Scholar solution remains in suspension by using agitation.			

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in original containers in a cool, dry place. Do not store this product under wet conditions. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, sweep and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

Pesticide Disposal

Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling

(For paper and plastic bags)

Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling or dispose of empty bag in a sanitary landfill or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(For plastic containers 5 gallons in size or smaller)

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

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.

(For plastic containers larger than 5 gallons)

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

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.

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

Scholar®, the ALLIANCE FRAME
the SYNGENTA Logo and the PURPOSE ICON
are Trademarks of a Syngenta Group 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, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 969A-L1D 0812
4016208

BAR CODE # IS
(01) 0 07 02941 81238
LAST DIGIT IS CHECK DIGIT
UCC/EAN 128

GROUP **12** FUNGICIDE

Scholar®

Fungicide

Active Ingredient: Fludioxonil (CAS No. 131341-86-1)	50.0%
Other Ingredients:	50.0%
Total:	100.0%

Scholar is a 50% wettable powder.

EPA Reg. No. 100-969
EPA Est. 67545-AZ-1

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 on skin: 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.

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

HOT LINE NUMBER: For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call **1-800-888-8372**.

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CAUTION

See additional precautionary statements and directions for use inside booklet.

8 ounces

Net Weight

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

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

Environmental Hazards: This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsates.

Physical or Chemical Hazards: Do not use or store near heat or open flame.

Storage and Disposal

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

Pesticide Storage: Store in original containers in a cool, dry place. Do not store this product under wet conditions. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, sweep and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: (For paper and plastic bags) Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling or dispose of empty bag in a sanitary landfill or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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