

FLUDIOXONIL GROUP 12 FUNGICIDE

Professor SC

FUNGICIDE

ACTIVE INGREDIENT:	WT. BY %
Fludioxonil*	20.4%
OTHER INGREDIENTS:	79.6%
TOTAL:	100.0%
* Contains 1.92 pounds of fludioxonil per U.S. gallon (230 grams per liter).	

KEEP OUT OF REACH OF CHILDREN CAUTION

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

See label booklet for complete First Aid, Precautionary Statements,
Directions For Use, and Storage and Disposal.

Manufactured For:

Sharda USA LLC



7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

EPA Reg. No. 83529-258

EPA Est. No. (AG) 72159-GA-001; (MC) 89332-GA-001; (SC) 39578-TX-001
The EPA Establishment Number is identified by the circled letters above
that match the first two letters in the batch number.

Net Contents: **1 Gallon**

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 five minutes, then continue rinsing. • Call a poison control center or doctor immediately for treatment advice.
IF ON SKIN OR CLOTHING:	• 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.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call your poison control center at 1-800-222-1222 .	

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. Remove and wash contaminated clothing before use. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical resistant gloves made of barrier laminate, butyl rubber $\geq$ 14 mils, nitrile rubber $\geq$ 14 mils, neoprene rubber $\geq$ 14 mils, polyvinyl chloride $\geq$ 14 mils, or viton $\geq$ 14 mils.

User Safety Requirements

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

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- 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 and aquatic invertebrates. **DO NOT** contaminate water when disposing of equipment washwaters or rinsates.

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. Read the entire label before using this product.

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

PRODUCT INFORMATION

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

RESISTANCE MANAGEMENT

For resistance management, **Professor SC** contains a Group 12 fungicide. Any fungal population may contain individuals naturally resistant to **Professor SC** and other Group 12 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Follow appropriate resistance management strategies.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of **Professor SC** or other Group 12 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance management and/or IPM guidance for specific crops and pathogens.

For further information or to report suspected resistance contact your local Sharda USA representative at www.shardausa.com.

MIXING PROCEDURES

Vigorously shake the product container before mixing. 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 **Professor SC** 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 **Professor SC** 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. No label dosage rate may 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. 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 MUST 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 **Professor SC** to the tank. Continue agitation while adding the remainder of the carrier. Begin application of the solution after the **Professor SC** has completely and uniformly dispersed into the mix carrier. Maintain agitation until all of the mixture has been applied. If tank-mixing, add the specified amount of other products directed for tank mixture after **Professor SC** 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.

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

CROP SPECIFIC USE DIRECTIONS

Carrots

Use **Professor SC** as a post-harvest dip/drench for the control of White Mold/Sclerotinia rot caused by *Sclerotinia sclerotiorum*.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
Dip/Drench	White Mold	16/100 gals.	0.25/100 gals.

Use Directions:

- Mix 16 fl. oz. (0.25 lb. a.i.) of **Professor SC** in 100 gals. of water, wax/emulsion, or aqueous dilution of wax/oil emulsion.
- Dip for approximately 30 seconds and allow fruit to drain.

Application Restrictions:

Maximum Single Application Rate: **16 fl. oz. (0.25 lb. a.i.)/100 gals.**

Ensure the solution remains in suspension by using agitation.

DO NOT make more than one post-harvest application to carrots.

Citrus

Australian desert lime (*Eremocitrus glauca*); Australian finger lime (*Microcitrus australasica*); Australian round lime (*Microcitrus australis*); Brown River finger lime (*Microcitrus papuana*); Calamondin (*Citrofortunella microcarpa*); Citron (*Citrus medica*); Citrus hybrids, *Citrus* spp., *Eremocitrus* spp., *Fortunella* spp., *Microcitrus* spp., and *Poncirus* spp.; Grapefruit (*Citrus paradisi*); Japanese summer grapefruit (*Citrus natsudaikai*); Kumquat (*Fortunella* spp.); Lemon (*Citrus limon*); Lime (*Citrus aurantiifolia*); Mediterranean mandarin (*Citrus deliciosa*); Mount White lime (*Microcitrus garrowayae*); New Guinea wild lime (*Microcitrus warburgiana*); Orange, sour (*Citrus aurantium*); Orange, sweet (*Citrus sinensis*); Pummelo (*Citrus maxima*); Russell River lime (*Microcitrus inodora*); Satsuma mandarin (*Citrus unshiu*); Sweet lime (*Citrus limetta*); Tachibana orange (*Citrus tachibana*); Tahiti lime (*Citrus latifolia*); Tangelo (*Citrus x tangelo*); Tangerine (Mandarin) (*Citrus reticulata*); Tangor (*Citrus nobilis*); Trifoliolate orange (*Poncirus trifoliata*); Uniq fruit (*Citrus aurantium* Tangelo group); cultivars, varieties and/or hybrids of these.

Use **Professor SC** as a post-harvest dip, drench, flood, or spray for the control of post-harvest diseases caused by: Green or Blue mold (*Penicillium* spp.), Diplodia stem-end rot (*Lasiodiplodia theobromae*), Phomopsis stem-end rot (*Diaporthe citri*), and Gray mold (*Botrytis cinerea*).

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Dip/Drench	Green Mold Blue Mold Diplodia stem-end rot Gray Mold	33 - 66/100 gals.	0.5 - 1.0/100 gals.

Use Directions:

- Mix 33 - 66 fl. oz. (0.5 - 1.0 lb. a.i.) of **Professor SC** in 100 gals. of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.
- Dip for a minimum of 30 seconds and allow fruit to drain.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Aqueous or Fruit Coating Spray Application	Green Mold Blue Mold Diplodia stem-end rot Gray Mold	33 - 66/250,000 lbs. of fruit	0.5 - 1.0/250,000 lbs. of fruit

Use Directions:

- Ensure proper coverage of the fruit.
- Mix the fungicide solution in an appropriate amount of 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.

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Citrus (continued)**Application Restrictions:**

DO NOT make more than two applications to citrus fruit. One pre and one post storage.

Maximum Single Application Rate: **DO NOT** exceed 66 fl. oz. (1.0 lb. a.i.)/250,000 lbs. of fruit.

For maximum decay control, treat fruit once before storage and once after storage, just prior to marketing.

Ensure the solution remains in suspension by using agitation.

Professor SC is stable at temperatures for 60°C (or 140°F) that can be used to disinfect high-volume recycling tanks.

Kiwi

Use **Professor SC** as a post-harvest dip/drench or spray for the control of Botrytis fruit rot in kiwi.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Dip/Drench	Botrytis fruit rot	16 - 32/100 gals.	0.25 - 0.50/100 gals.

Use Directions:

- Mix 16 - 32 fl. oz. (0.25 - 0.5 lb. a.i.) of **Professor SC** in 100 gals. of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.
- Dip for a minimum of 30 seconds and allow fruit to drain.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Aqueous or Fruit Coating Spray Application	Botrytis fruit rot	16 - 32/200,000 lbs. of fruit	0.25 - 0.50/200,000 lbs. of fruit

Use Directions:

- Ensure proper coverage of the fruit.
- Mix the fungicide solution in an appropriate amount of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion for the crop being treated.

Application Restrictions:

DO NOT make more than one post-harvest application to the fruit.

Maximum Single Application Rate: **DO NOT** exceed 32 fl. oz. (0.5 lb. a.i.)/200,000 lbs. of fruit.

Ensure the solution remains in suspension by using agitation.

Professor SC is stable at temperatures for 60°C (or 140°F) that can be used to disinfect high-volume recycling tanks.

Pineapple

Use **Professor SC** as a post-harvest drench treatment and/or directed peduncle spray for the control of saprophytic surface molds caused by *Penicillium* spp. and *Cladosporium* spp.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
Drench High Volume (Dilute) Application	Penicillium surface mold Cladosporium surface mold	16/50 gals.	0.25/50 gals.

Use Directions:

- Mix 16 fl. oz. (0.25 lb. a.i.) of **Professor SC** in 50 gallons of water or water, wax/oil emulsion.
- Use cascade, drench or similar application system.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
Directed Peduncle Spray (Dilute) Application	Penicillium surface mold Cladosporium surface mold	16/50 gals.	0.25/50 gals.

Use Directions:

- Mix 16 fl. oz. (0.25 lb. a.i.) of **Professor SC** in 50 gallons of water or water, wax/oil emulsion.
- Use T-jet or similar application system.

Application Restrictions:

DO NOT make more than one post-harvest application to the fruit.

One application is defined as a drench and a directed peduncle spray application.

Maximum Single Application Rate: **16 fl. oz. (0.25 lb. a.i.)/50 gals.**

Ensure the solution remains in suspension by using agitation.

Professor SC is stable at temperatures for 60°C (or 140°F) that can be used to disinfect 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 Germanic*); Pear (*Pyrus communis*); Pear, Asian (*Pyrus* spp.); Quince (*Cydonia oblonga*); Quince, Chinese (*Chaenomeles speciosa*); Quince, Japanese (*Chaenomeles japonica*); Tejocote (*Crataegus mexicana*) and cultivars, varieties and/or hybrids of these.

Use **Professor SC** as a post-harvest dip, drench, flood, or spray for the control of postharvest diseases caused by: Blue mold (*Penicillium expansum*), Gray mold (*Botrytis cinerea*), Bull's-eye rot (*Neofabraea malacorticis*), Rhizopus rot (*Rhizopus stolonifer*), Bitter rot (*Colletotrichum gloeosporioides*), Sphaeropsis rot (*Sphaeropsis pyriputrescens*), Phacidiopcnis rot (*Phacidiopcnis piri*), Speck rot (*Phacidiopcnis washingtonensis*), White rot (*Botryosphaeria dothidea*), Alternaria rot (side rot) and surface mold (*Alternaria alternata*).

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
Bin/Truck Drench Or In-Line Dip/Drench or Flooder	Blue mold Gray mold Bitter rot Speck rot White rot Phacidiopcnis rot Sphaeropsis rot Alternaria rot and surface mold	10 - 16/100 gals.	0.16 - 0.25 lb. a.i./100 gals.
	Rhizopus rot Bull's-eye rot	16/100 gals.	0.25 lb. a.i./100 gals.

Use Directions:

- 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.

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Pome Fruit (continued)			
Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
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	16 - 32/200,000 lbs. of fruit	0.25 - 0.50/200,000 lbs. of fruit
Use Directions: • Ensure proper coverage of the fruit. • Mix Professor SC in an appropriate water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion for the crop being treated. • Use T-jet or similar application system.			
Application Restrictions: DO NOT make more than two applications to pome fruit. One pre and one post storage. Maximum Single Application Rate: DO NOT exceed 16 fl. oz. (0.25 lb. a.i.)/100 gals. for Drench or Flooder and 32 fl. oz. (0.5 lb. a.i.)/200,000 lbs. of fruit for Aqueous or Coating Spray. For maximum decay control, treat fruit once before storage and once after storage, just prior to marketing. Ensure the solution remains in suspension by using agitation. Professor SC is stable at temperatures for 60°C (or 140°F) that can be used to disinfect high-volume recycling tanks.			

Pomegranates			
Use Professor SC as a post-harvest dip/drench or spray for the control of Botrytis fruit rot in pomegranates.			
Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Dip/Drench	Botrytis fruit rot	32/100 gals.	0.50/100 gals.
Use Directions: • Mix 32 fl. oz. (0.5 lb. a.i.) of Professor SC in 100 gals. of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. • Dip for approximately 30 seconds and allow fruit to drain.			
Application Restrictions: DO NOT make more than one post-harvest application to the fruit. Maximum Single Application Rate: 32 fl. oz. (0.5 lb. a.i.)/100 gals. Ensure the solution remains in suspension by using agitation. Professor SC is stable at temperatures for 60°C (or 140°F) that can be used to disinfect high-volume recycling tanks.			

Stone Fruit

Apricot (*Prunus armeniaca*); Apricot, Japanese; Jujube, Chinese; Nectarine (*Prunus persica*); Peach (*Prunus persica*); Plum (*Prunus domestica*, *Prunus* spp.); Plum, American; Plum, Beach; Plum, Canada; Plum, cherry; Plum, Chickasaw (*Prunus angustifolia*); Plum, Damson (*Prunus domestica* spp. *insititia*); Plum, Japanese (*Prunus salicina*); Plum, Klamath; Plum, prune; Plumcot (*Prunus armeniaca* x *P. domestica*); Prune (fresh) (*Prunus domestica*, *Prunus* spp.); Sloe; as well as other cultivars and hybrids of these. Use **Professor SC** as a post-harvest dip/drench or spray for the control of post-harvest diseases caused by: Brown rot (*Monilinia* spp.), Gray mold (*Botrytis cinerea*), Rhizopus rot (*Rhizopus stolonifer*), and Gilbertella rot (*Gilbertella persicaria*).

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Dip/Drench	Brown rot Gray mold Rhizopus rot Gilbertella rot	16/100 gals.	0.25/100 gals.

Use Directions:

- Mix 16 fl. oz. (0.25 lb. a.i.) of **Professor SC** in 100 gals. of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.
- Dip for a minimum of 30 seconds and allow fruit to drain.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Aqueous or Fruit Coating Spray Application	Brown rot Gray mold Rhizopus rot Gilbertella rot	16 - 32/200,000 lbs. of fruit	0.25 - 0.50/200,000 lbs. of fruit

Use Directions:

- Ensure proper coverage of the fruit.
- Mix 16 - 32 fl. oz. (0.25 - 0.5 lb. a.i.) of **Professor SC** in an appropriate water, wax/oil emulsion, or aqueous dilution of 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.

Application Restrictions:

DO NOT make more than one post-harvest application to the fruit.

Maximum Single Application Rate: **DO NOT** exceed 16 fl. oz. (0.25 lb. a.i.)/100 gals. for Drench and 32 fl. oz. (0.5 lb. a.i.)/200,000 lbs. of fruit for Aqueous or Coating Spray.

Ensure the solution remains in suspension by using agitation.

Professor SC is stable at temperatures for 60°C (or 140°F) that can be used to disinfect high-volume recycling tanks.

Cherries

Capulin; Cherry, black; Cherry, Nanking; Cherry, sweet (*Prunus avium*); Cherry, tart (*Prunus cerasus*); as well as other cultivars and hybrids of these.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Aqueous or Flooder Application Or High-Volume (dilute-spray) Application	Brown rot Gray mold Rhizopus rot Gilbertella rot	16 - 32/50,000 lbs. of fruit	0.25 - 0.50/50,000 lbs. of fruit

Use Directions:

- Mix 16 fl. oz. (0.25 lb. a.i.) of **Professor SC** in 50 - 100 gals. of water or 32 fl. oz. (0.5 lb. a.i.) in 100 gals. of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.
- Use flooders, T-jet, or similar application system.

Application Restrictions:

DO NOT make more than one post-harvest application to the fruit.

Maximum Single Application Rate: **DO NOT** exceed 32 fl. oz. (0.5 lb. a.i.)/50,000 lbs. of fruit.

Ensure the solution remains in suspension by using agitation.

Tomato

Use **Professor SC** as a post-harvest dip/drench, or high-volume spray for the control of certain post-harvest rots caused by: Black mold (*Alternaria alternata*), Gray mold (*Botrytis cinerea*), and Rhizopus rot (*Rhizopus stolonifer*).

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Dip/Drench Application	Black mold Gray mold Rhizopus rot	16 - 32/100 gals.	0.25 - 0.50/100 gals.

Use Directions:

- Mix 16 - 32 fl. oz. (0.25 - 0.5 lb. a.i.) of **Professor SC** in 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.
- Dip for approximately 30 seconds and allow fruit to drain.
- Must be used in tank mixture with propiconazole.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
High-Volume (Dilute-Spray) Application	Black mold Gray mold Rhizopus rot	16/50,000 lbs. of fruit	0.25/50,000 lbs. of fruit

Use Directions:

- Mix the fungicide solution in an appropriate water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion for the crop being treated.
- Use T-jet, CDA, or similar application system.
- Must be used in tank mixture with propiconazole.

Application Restrictions:

DO NOT make more than one post-harvest application to the fruit.

Not for processed tomato.

Maximum Single Application Rate: **DO NOT** exceed 32 fl. oz. (0.5 lb. a.i.)/100 gals. or 200,000 lbs. of fruit for In-Line Dip/Drench application and 16 fl. oz. (0.25 lb. a.i.)/50,000 lbs. of fruit for High-Volume (Dilute Spray) application.

Ensure the solution remains in suspension by using agitation.

Professor SC is stable at temperatures for 60°C (or 140°F) that can be used to disinfect high-volume recycling tanks.

Tropical Fruit

Acerola, Atemoya, Avocado, Birida, Black sapote, Canistel, Cherimoya, Custard apple, Dragon Fruit, Durian, Feijoa, Guava, Illama, Jaboticaba, Jackfruit, Longan, Lychee, Mamey sapote, Mango, Mangosteen, Papaya, Passionfruit, Pulasan, Rambutan, Sapodilla, Soursop, Spanish lime, Star apple, Starfruit, Sugar apple, and Wax jambu.

Use **Professor SC** as a post-harvest dip/drench for the control of postharvest disease caused by: Botrytis fruit rot (*Botrytis cinerea*), Anthracnose (*Colletotrichum* spp.), Stem-end rot (*Lasiodiplodia* spp.), Green Mold (*Penicillium* spp.), and Rhizopus rot (*Rhizopus stolonifer*).

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Dip/Drench	Botrytis fruit rot Anthracnose Stem-end rot Green Mold Rhizopus rot	32/100 gals.	0.50/100 gals.

Use Directions:

- Mix 32 fl. oz. (0.5 lb. a.i.) of **Professor SC** in 100 gals. of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.
- Dip for approximately 30 seconds and allow fruit to drain.

Application Restrictions:

DO NOT make more than one post-harvest application to the fruit.

Maximum Single Application Rate: **32 fl. oz. (0.5 lb. a.i.)/100 gals.**

Ensure the solution remains in suspension by using agitation.

Professor SC is stable at temperatures for 60°C (or 140°F) that can be used to disinfect high-volume recycling tanks.

Persimmon, Japanese

Use **Professor SC** as a post-harvest dip/drench for the control of Alternaria Black Spot in persimmon caused by: *Alternaria Rot (Alternaria alternata)*.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Dip/Drench	Alternaria Rot	32/100 gals.	0.50/100 gals.

Use Directions:

- Mix 32 fl. oz. (0.5 lb. a.i.) of **Professor SC** in 100 gals. of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.
- Dip for approximately 30 seconds and allow fruit to drain.

Application Restrictions:

DO NOT make more than one post-harvest application to the fruit.

Maximum Single Application Rate: **32 fl. oz. (0.5 lb. a.i.)/100 gals.**

Ensure the solution remains in suspension by using agitation.

Professor SC is stable at temperatures for 60°C (or 140°F) that can be used to disinfect high-volume recycling tanks.

True Yam

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

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
Post Harvest Dip Application	Brown rot Gray mold Rhizopus rot Gilbertella rot	16 - 32/100 gals.	0.25 - 0.50/100 gals.

Use Directions:

- Mix 16 - 32 fl. oz. (0.25 - 0.5 lb. a.i.) of **Professor SC** in 100 gals. of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.
- Dip for approximately 30 seconds and allow fruit to drain.

Application Restrictions:

DO NOT make more than one post-harvest application to the tubers.

Maximum Single Application Rate: **DO NOT** exceed 32 fl. oz. (0.5 lb. a.i.)/100 gals.

Ensure the **Professor SC** solution remains in suspension by using agitation.

Sweet Potato

Use **Professor SC** as a post-harvest dip/drench or low volume application for the control of post-harvest rots caused by *Rhizopus stolonifer*.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Dip/Drench	Rhizopus rot	16 - 32/100 gals.	0.25 - 0.50/100 gals.

Use Directions:

- Mix 16 - 32 fl. oz. (0.25 - 0.5 lb. a.i.) of **Professor SC** in 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion.
- Dip for approximately 30 seconds and allow fruit to drain.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Aqueous or Fruit Coating Spray Application	Rhizopus rot	16/200,000 lbs. of sweet potatoes	0.25/200,000 lbs. of sweet potatoes

Use Directions:

- Ensure proper coverage of the fruit.
- Mix 16 fl. oz. (0.25 lb. a.i.) of **Professor SC** in an appropriate water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion for the crop being treated.
- Use T-jet, CDA, or similar application system.

Application Restrictions:

DO NOT make more than one post-harvest application to the sweet potatoes.

Maximum Single Application Rate: **DO NOT** exceed 32 fl. oz. (0.5 lb. a.i.)/100 gals. for In-Line Dip/Drench application and 16 fl. oz. (0.25 lb. a.i.)/200,000 lbs. of sweet potatoes for In-Line Aqueous or Fruit Coating Spray application.

Ensure the solution remains in suspension by using agitation.

Professor SC is stable at temperatures for 60°C (or 140°F) that can be used to disinfect high-volume recycling tanks.

Tuberous and Corm Vegetable Subgroup 1C

Arracacha; Arrowroot; Artichoke, Chinese; Artichoke, Jerusalem; Canna, Edible; Cassava, Bitter and Sweet; Chayote (root); Chufa; Dasheen; Ginger; Leren; Potato; Sweet Potato; Tanier; Turmeric; Yam Bean; Yam, True.

Use **Professor SC** as a post-harvest spray for the control of certain post-harvest rots caused by Silver scurf (*Helminthosporium solani*) and *Fusarium* species.

Application Method	Disease	Rate (fl. oz.)	(lb. a.i.)
In-Line Aqueous Spray Application	Silver Scurf Fusarium dry rot	0.6/ton of tubers	0.009/ton of tubers

Use Directions:

- Ensure proper coverage of the tubers. Tubers must be tumbling as they are treated.
- Mix the fungicide solution in an appropriate amount of water for the crop being treated.
- Use T-jet, CDA, or similar application system.

Application Restrictions:

DO NOT make more than one post-harvest application to the tubers.

DO NOT use on seed potatoes or seed pieces.

Maximum Single Application Rate: **0.6 fl. oz. (0.009 lb. a.i.)/ton of tubers.**

Ensure the solution remains in suspension by using agitation.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store this product in a cool, dry place in its original container only. **DO NOT** store this product near fertilizers, seeds, or other pesticides. If this product is spilled, sweep up the spillage and dispose pursuant to the below Pesticide Disposal instructions.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Less Than or Equal to 5 Gallons: Nonrefillable 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 and drain for 10 seconds after the flow begins to drip. 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 reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

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 the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system Repeat this rinsing procedure two more times.

For Bulk and Mini-Bulk Containers: Refillable container. Refill this container with pesticide only. **DO NOT** use 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 person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% 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 IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

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, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Sharda USA LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC and Seller harmless for any claims relating to such factors.

Sharda USA LLC 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. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Sharda USA LLC and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, SHARDA USA LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Sharda USA LLC nor Seller shall be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SHARDA USA LLC 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 SHARDA USA LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Sharda USA LLC 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 Sharda USA LLC.

All trademarks are the property of their respective owners.

Professor SC

ACTIVE INGREDIENT:	WT. BY %
Fludioxonil*	20.4%
OTHER INGREDIENTS:	79.6%
TOTAL:	100.0%

*Contains 1.92 pounds of fludioxonil per U.S. gallon (230 grams per liter).

KEEP OUT OF REACH OF CHILDREN CAUTION

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

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 five minutes, then continue rinsing. • Call a poison control center or doctor immediately for treatment advice. **IF ON SKIN OR CLOTHING:** • 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. **HOTLINE NUMBER** - Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call your poison control center at 1-800-222-1222.

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. Remove and wash contaminated clothing before use. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. **ENVIRONMENTAL HAZARDS** - This pesticide is toxic to fish and aquatic invertebrates. **DO NOT** contaminate water when disposing of equipment washwaters or rinsates. **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. Read the entire label before using this product. For any requirements specific to

your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

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

See label booklet for additional Precautionary Statements and Directions For Use.

Manufactured For:

Sharda USA LLC, 7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

EPA Reg. No. 83529-258

EPA Est. No. (AG) 72159-GA-001;

(MC) 89332-GA-001; (SC) 39578-TX-001

The EPA Establishment Number is identified by the circled letters above that match the first two letters in the batch number.

Net Contents: **1 Gallon**

OPEN HERE