

GROUP 3 7 FUNGICIDES

A18993 Fungicide

FUNGICIDE

EMULSIFIABLE CONCENTRATE

AGRICULTURAL

For broad-spectrum disease control in dried shelled pea and bean subgroup, soybeans, wheat, barley, oats, rye, triticale, corn (field, sweet, pop and specialty), and rapeseed subgroup (canola).

GUARANTEE:

Benzovindiflupyr..... 75 g/L
Propiconazole 125 g/L

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN**



**POISON
DANGER – EYE AND SKIN IRRITANT**

REGISTRATION NO: **31525**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.5 – 1000 L

Syngenta Canada Inc.
140 Research Lane, Research Park
Guelph, Ontario
N1G 4Z3
Telephone: 1-877-964-3682

Label

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

FIRST AID

IN CASE OF POISONING, contact a physician or a poison control centre **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If swallowed, call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing, take off contaminated clothing. Rinse skin **IMMEDIATELY** with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for treatment advice.

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 centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION

There is no specific antidote. Treat symptomatically.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Keep unused product in original container tightly closed, locked up and away from food and feed.

Causes eye irritation. **DO NOT** get in eyes. Harmful or fatal if swallowed. Harmful if inhaled. Avoid inhaling/breathing sprays. May irritate the skin. Avoid contact with skin.

DO NOT re-enter treated fields for 12 hours after application (12 hr REI).

If this pest control product is to be used on a commodity that may be exported to other countries in the world and you require information on acceptable residue levels in these countries, please contact Syngenta Canada Inc. at 1-87-SYNGENTA/1-877-964-3682.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear coveralls or a long sleeved shirt and long pants, chemical resistant gloves, and goggles when mixing, loading and applying or during equipment clean up or repair. Goggles and chemical resistant gloves are not required during application.

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.

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.

All users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Apply only when the potential for drift to areas of human habitation or activity such as houses, cottages, schools and recreational areas. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and non-terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

TOXIC to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application sites such as hedgerows and woodlands.

Benzovindiflupyr is persistent and may carryover. It is recommended that any products containing benzovindiflupyr not be used in areas treated with this product during the previous season.

This product demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of A18993 Fungicide in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

STORAGE

Keep in original container, tightly closed, during storage. Store in a cool, dry, well-ventilated area away from feed and foodstuffs, and out of the reach of children and animals. To prevent contamination store this product away from food or feed.

DECONTAMINATION AND DISPOSAL

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup of spills.

CONTAINER DISPOSAL:

For returnable containers:

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For refillable containers:

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

For recyclable containers:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,
CALL 1-800-327-8633 (FASTMED)***

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Pamphlet

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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.

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Apply only when the potential for drift to areas of human habitation or activity such as houses, cottages, schools and recreational areas. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and non-terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

TOXIC to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application sites such as hedgerows and woodlands.

Benzovindiflupyr is persistent and may carryover. It is recommended that any products containing benzovindiflupyr not be used in areas treated with this product during the previous season.

This product demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of A18993 Fungicide in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

STORAGE

Keep in original container, tightly closed, during storage. Store in a cool, dry, well-ventilated area away from feed and foodstuffs, and out of the reach of children and animals. To prevent

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For recyclable containers:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

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GENERAL INFORMATION

A18993 Fungicide is a broad-spectrum product containing two fungicides. It has preventive and curative properties and is recommended for the control of many important plant diseases. A18993 Fungicide provides disease control of many leaf spots and powdery mildews. A18993 Fungicide is applied as a foliar spray and can be used in block, alternating spray or tank-mix programs with other crop protection products. All applications should be made according to the use directions that follow.

General Use Precautions

DO NOT apply A18993 Fungicide through any types of irrigation equipment.

DO NOT USE IN GREENHOUSES (ALONE OR IN TANK MIXTURES)

DO NOT graze animals on treated green crops within three days of application of A18993 Fungicide.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

Apply the higher rate and shorter interval under conditions of high disease pressures.

Unless indicated otherwise in the use directions for specific crops, make no more than two sequential applications of A18993 Fungicide before alternating with another non-group 3 or 7 fungicide registered for the same disease.

Not all members of the crop groups have been tested for efficacy and phytotoxicity at the recommended label rates, and should be used at the discretion of the user.

ROTATIONAL CROP RESTRICTIONS

Please see the following table for the crop rotational restrictions:

Rotational Crops	Planting Time From Last A18993 Fungicide Application
Dried shelled pea and bean subgroup (CG 6C) Soybeans Cereals (wheat, barley, oats, rye, triticale) Corn (field, sweet, pop and specialty) Rapeseed subgroup (CG 20A)	0 days
Cucurbits vegetables Fruiting vegetables Potatoes and tuberous and corm vegetable subgroup (CG 1C)	105 days
All other crops Intended for Food and Feed	6 months/180 days

DIRECTIONS FOR USE

SPRAY EQUIPMENT

Thorough coverage is necessary to provide good disease control. Applications using nozzles, sufficient water volume and pressure to provide thorough and uniform coverage generally provide the most effective disease control.

To avoid spray drift, do not apply when conditions favor drift beyond the target area. Avoid spray overlap, as crop injury may occur.

For more information on spray equipment and calibration, consult sprayer manufacturers and provincial recommendations.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Aerial application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

Buffer zones:

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop		Buffer Zones (metres) Required for the Protection of:				Terrestrial habitat
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Dried shelled pea and bean subgroup, soybeans, wheat, barley, oats, rye triticale, corn (field, sweet, pop and specialty)		10	1	1	1	1
	Rapeseed subgroup (Canola)		5	1	1	1	1
Aerial	Dried shelled pea and bean subgroup, soybeans, wheat, barley, oats, rye triticale, corn (field, sweet, pop and specialty)	Fixed wing	600	15	5	1	20
		Rotary wing	300	15	3	1	15
	Rapeseed subgroup (Canola)	Fixed wing	175	10	1	1	15
		Rotary wing	175	10	1	1	15

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

MIXING PROCEDURES

Prepare only the amount of spray mixture that is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Vigorous agitation is necessary for proper dispersal of the product. Keep by-pass line on or near the bottom of the tank to minimize foaming during filling of the spray tank. 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 and apply the rinsate to a previously treated area.

- A18993 Fungicide is an emulsifiable concentrate (EC) formulation.
- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.

- Agitate the spray solution before and during application.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

A18993 Fungicide Alone (No Tank Mix)

- Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank.
- With the agitator running, add A18993 Fungicide to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after A18993 Fungicide has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

A18993 + Tank Mixtures: All directions for use, crops/sites, use rates, dilution rates, precautions, and limitations which appear on the tank-mix product label must be observed. The label dosage for the tank-mix partner is not to be exceeded, and the most restrictive label precautions and limitations are to be followed.

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact Syngenta Canada Inc. for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by Syngenta Canada Inc.

Mixing in the Spray Tank

- Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and A18993 Fungicide to the spray tank.
- Allow A18993 Fungicide to completely disperse.
- Spray the mixture with the agitator running.

GROUND APPLICATION

- Apply in a minimum of 150 L of water per hectare, unless specified otherwise.
- Do not apply through any ultra-low volume (ULV) spray system.
- Thorough coverage is necessary to provide good disease control.

AERIAL APPLICATION

- Use only on crops where air applications are indicated.
- Thorough coverage is necessary to provide good disease control.
- Apply in a minimum of 45 L of water per hectare unless specified otherwise.
- Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur.
- Do not apply directly to humans or animals.
- Do not apply through any ultra-low volume (ULV) spray system.

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *National Aerial Pesticide Application Manual*, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions

The buffer zones specified in Table 1 above are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Follow recommendations provided by local disease monitoring services or provincial spray calendars regarding the appropriate application timing for protectant fungicides in your area. Cultural practices such as canopy management and removal of overwintered plant debris should be integrated with the use of fungicides to reduce disease incidence. Use the higher rate, and the shorter application interval under conditions of heavy infection pressure, on highly susceptible varieties, or when environmental conditions are favourable for disease development.

A18993 Fungicide should be integrated into an overall disease management strategy that includes selection of varieties with disease tolerance, plant residue management, crop rotation, and proper timing and placement of fertilizer and irrigation. Fungicide applications should begin prior to disease infection and continue throughout the season following a resistance management strategy (see **Resistance Management Recommendations**).

USE DIRECTIONS

Crops	Dried shelled pea and beans (Crop Subgroup 6C)*
Diseases Controlled	Ascochyta blight (<i>Ascochyta rabiei</i>) Asian soybean rust (<i>Phakopsora pachyrhizi</i>) Rust (<i>Uromyces appendiculatus</i>)

	<p>Powdery mildew (<i>Erysiphe pisi</i>)</p> <p>Anthracnose (<i>Colletotrichum</i> spp.)</p>
Use rate (mL product/ha)	1000
Application Timing/Instructions	Make the first application prior to disease development. A second application can be made 14 days after the first application, when disease pressure is severe or when agronomic or weather conditions are conducive to disease development or movement. If disease pressure is high, use the highest rate and shortest interval. For best results, sufficient water volume must be used to provide thorough coverage. A minimum of 100-200 L/ha for ground applications is recommended. For aerial applications, a minimum of 45 L/ha of water is recommended.
<p>*Complete list of crops: Any dried cultivar of bean (<i>Phaseolus</i> spp.); and dried cultivar of pea (<i>Pisum</i> spp.); dried cultivars of bean (<i>Lupinus</i> spp.) (includes grain lupin, sweet lupin, white lupin, and sweet white lupin); (<i>Vigna</i> spp.) (includes adzuki beans); (<i>Phaseolus</i> spp.) (includes field bean, kidney bean, lima bean (dry), navy bean, pinto bean, tepary bean, mung bean, rice bean, southern bean, urd bean); broad bean (dry); chickpea; guar; lablab bean; lentil; pea (<i>Pisum</i> spp.) (includes field pea); and pigeon pea</p>	
<p>Specific Use Restrictions:</p> <ol style="list-style-type: none"> 1. Do not apply more than 2 L/ha/season of A18993 Fungicide. 2. Do not apply within 30 days of harvest for dry shelled peas and beans (30-day PHI). 3. Do not make more than one application to dry pea hay. Dry pea hay may be fed or harvested 15 days (15-day PHI) after application. Do not feed dried pea vines to livestock. 4. Do not apply more than 2 consecutive applications before switching to non-Group 7 and non-Group 3 fungicides. Follow all precautions, restrictions and directions on the labels of fungicide products used in an alternation program. 5. Not all members of the legume vegetable group 6C have been tested for efficacy and phytotoxicity at the recommended label rates, and should be used at the discretion of the user. 	

Crops	Soybeans
Diseases Controlled	Septoria brown spot (<i>Septoria glycines</i>) Frogeye leaf spot (<i>Cercospora sojina</i>) Powdery mildew (<i>Microsphaera diffusa</i>) Asian soybean rust (<i>Phakospora pachyrhizae</i>) Pod and stem blight (<i>Diaporthe phaseolorum</i>) (suppression) Aerial web blight (<i>Rhizoctonia solani</i>)
Use rate (mL product/ha)	1000
Application Timing/Instructions	Make the first application prior to disease establishment. A second application can be made 7-14 days after the first application, when disease pressure is severe or when agronomic or weather conditions are conducive to disease development or movement. If disease pressure is high, use the highest rate and shortest interval. For best results, sufficient water volume must be used to provide thorough coverage. A minimum of 100-200 L/ha for ground applications is recommended. For aerial applications, a minimum of 45 L/ha of water is recommended.
Specific Use Restrictions:	
<ol style="list-style-type: none"> 1. Do not apply more than 2 L/ha/season of A18993 Fungicide. 2. Do not apply within 30 days of harvest for soybean grain (30-day PHI). 3. Do not make more than one application to soybean hay. Soybean hay may be fed or harvested 15 days (15-day PHI) after application. 4. Do not apply more than 2 consecutive applications before switching to non-Group 7 and non-Group 3 fungicides. Follow all precautions, restrictions and directions on the labels of fungicide products used in an alternation program. 	

Crops	Wheat
Diseases Controlled	Glume blotch (<i>Septoria</i> spp.) Powdery mildew (<i>Erysiphe graminis</i>) Stem rust (<i>P. graminis</i>)
Use rate (mL product/ha)	1000
Crops	Barley
Diseases Controlled	Powdery mildew (<i>Erysiphe graminis</i>) Leaf rust (<i>Puccinia hordei</i>) Stem rust (<i>P. graminis</i>) Spot blotch (<i>Cochliobolus sativus</i>) Crown rust (<i>Puccinia coronata</i>)
Use rate (mL product/ha)	1000
Crops	Barley
Diseases Controlled	Septoria blotch (<i>Septoria</i> spp.) Stripe rust (<i>P. striiformis</i>) Tan spot (<i>Pyrenophora tritici-repentis</i>) Net blotch (<i>Drechslera teres</i>) Barley scald (<i>Rhynchosporium secalis</i>)
Use rate mL product/ha	750 – 1000

Crops	Rye
Diseases Controlled	<p>Septoria (<i>Septoria</i> spp.) Leaf rust (<i>Puccinia recondita</i>) Stripe rust (<i>P. striiformis</i>) Tan - spot (<i>Pyrenophora tritici-repentis</i>) Barley scald (<i>Rhynchosporium secalis</i>)</p> <p>At a use rate of 1000 mL/ha : Powdery mildew (<i>Erysiphe graminis</i>) Stem rust (<i>P. graminis</i>)</p>
Use rate (mL product/ha)	750-1000
Crops	Oats
Diseases Controlled	<p>Crown rust (<i>P. coronata</i>) Powdery mildew (<i>Erysiphe graminis</i>) Stem rust (<i>Puccinia graminis</i>)</p>
Use rate (mL product/ha)	1000
Crops	Oats
Diseases Controlled	<p>Septoria blotch (<i>Septoria</i> spp.) Net blotch (<i>Drechslera teres</i>) Scald (<i>Rhynchosporium secalis</i>)</p>
Use rate (mL product/ha)	750-1000
Crops	Triticale
Diseases Controlled	<p>Septoria blotch (<i>Septoria</i> spp.) Leaf rust (<i>P. recondita</i>) Tan spot (<i>Pyrenophora tritici-repentis</i>) Net blotch (<i>Drechslera teres</i>) Scald (<i>Rhynchosporium secalis</i>)</p> <p>At a use rate of 1000 mL/ha : Powdery mildew (<i>Erysiphe graminis</i>)</p>
Use rate (mL product/ha)	750-1000
Application Timing/Instructions	Apply A18993 Fungicide prior to disease development. Make applications no closer than 14 days apart. For early disease suppression, apply at beginning of tillering to stem elongation (BBCH 21-30). Apply before head is half emerged (BBCH 49-55). If disease pressure is high, use the highest rate. A minimum of 200 L/ha for ground applications is recommended. For aerial applications, a minimum of 45 L/ha of water is recommended.
Specific Use Restrictions:	
<ol style="list-style-type: none"> 1. Do not apply more than 2 L/ha/season of A18993 Fungicide. 2. Do not apply within 45 days of harvest for grain and straw (45-day PHI). 3. Do not make more than one application to forage and hay. Do not harvest wheat for forage. Do not graze or feed livestock treated forage or cut green crop for hay or silage. 	

Crops	Corn (Field, Sweet, Popcorn and Specialty Including all cultivars and/or hybrids of these)
Diseases Controlled	Eyespot (<i>Aureobasidium zeae</i>)

Use rate (mL product/ha)	1000
Diseases Controlled	Grey leaf spot (<i>Cercospora sorghi</i>) Rust (<i>Puccinia sorghi</i>) Northern corn leaf blight (<i>Setosphaeria turcica</i>) Northern corn leaf spot (<i>Cochliobolus carbonum</i>) Southern corn leaf blight (<i>Cochliobolus heterostrophus</i>)
Use rate (mL product/ha)	750 – 1000
Application Timing/Instructions	Begin applications prior to disease onset when conditions are conducive for disease. Apply A18993 on a 14 day schedule. For aerial applications, a minimum of 45 L/ha of water is recommended.
Specific Use Restrictions:	
<ol style="list-style-type: none"> 1. Do not apply more than 2 L/ha/season of A18993 Fungicide. 2. Do not apply within 14 days of harvest for corn grain and sweet corn (14-day PHI). 3. Forage may be fed or harvested 30 days (30-day PHI) after last application. 4. Do not apply more than 2 consecutive applications before switching to non-Group 7 and non-Group 3 fungicides. Follow all precautions, restrictions and directions on the labels of fungicide products used in an alternation program. 	

Crops	Rapeseed (Crop Subgroup 20A)*
Diseases Controlled	Blackleg (<i>Leptosphaeria maculans</i>)
Use rate (mL product/ha)	1000
Application Timing/Instructions	Apply during the rosette stage between 2nd true leaf and bolting. A minimum of 200 L/ha for ground applications is recommended. For aerial applications, a minimum of 45 L/ha of water is recommended.
*Complete list of crops: Borage, Crambe, Cuphea, Echium, Flax seed, Gold of pleasure, Hare's ear mustard, Lesquerella, Lunaria, Meadowfoam, Milkweed, Mustard see, Oil radish, Poppy seed, Rapeseed (Canola), Sesame, Sweet rocket and Cultivars and/or hybrids of these	
Specific Use Restrictions:	
<ol style="list-style-type: none"> 1. Do not apply more than 1 L/ha/season of A18993 Fungicide. 2. Do not apply within 30 days of harvest (30-day PHI). 3. Do not graze the treated rape crop or harvest for forage. 	

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, A18993 Fungicide contains a Group 7 fungicide in the succinyl dehydrogenase inhibitor (SDHI) class and a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to benzovindiflupyr and other Group 7 fungicides and propiconazole and other Group 3 Fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

Where possible, rotate the use of benzovindiflupyr or other Group 7 fungicides and propiconazole or other Group 3 fungicides with different groups that control the same pathogens.

Although A18993 Fungicide contains two active ingredients, benzovindiflupyr and propiconazole, for certain diseases only one active may have efficacy against the causative pathogen. Appropriate resistance management practices should still be adhered to as part of any pesticide application program, including alternating A18993 Fungicide with non-Group 7 and 3 fungicides.

Apply no more than 2 sequential applications unless otherwise stated in the crop section.

DO NOT apply at rates lower than recommended on the label.

Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.

Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and 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.

Monitor treated fungal populations for sign of resistance development.

If disease continues to progress after treatment with this product, DO NOT increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, to which pathogen resistance has not developed.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

For further information or to report suspected resistance, contact company representatives at 1-87-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.

Table 2. Application Limitations and Pre-harvest Intervals

Crop*	Maximum Product Rate/ha/application (mL/ha)	Maximum total L/ha/season	Pre-Harvest Interval (PHI) (days)	Minimum Re-treatment Interval (days)
Legumes (CG 6C)	1000	2	30	14
Dry pea hay	1000	1	15	NA
Soybeans	1000	2	30	7
Soybean hay	1000	1	15	NA
Cereals – grain and straw	1000	2	45	14
Corn	1000	2	14	14
Sweet corn	1000	2	14	14
Corn Forage	1000	2	30	14
Canola (CG 20A)	1000	1	30	NA

*For specific crops in a group and use directions, refer to the Specific Directions For Use.