



CROP GUIDE

 **BASF**  
We create chemistry

# Grounded commitment. Growing support.

At BASF, we have laid the groundwork for the best possible solutions through research and our collaboration with growers. Regardless of which fruit or vegetable crop you grow, our innovative portfolio of products gives your crops excellent protection against weeds, diseases and insects—helping to keep your crop healthy all season long for increased quality and yield potential.

We continue to show our commitment to you by listening to your experiences and concerns, so we can best respond to the ever-changing

challenges that are a part of agriculture. One way we do that is by providing one-on-one support with the horticulture specialists we have across the country.

For the 2024 season, we offer a variety of solutions, including the newly expanded labels for Cevya® fungicide, Cimegra® insecticide and Sefina® insecticide. Along with these products, discover other innovative horticulture solutions from the BASF portfolio that can help you work toward a successful, profitable harvest.

## Fruit and vegetable innovations for 2024:

### Cevya®

Revysol® Fungicide

Cevya fungicide is a systemic fungicide that provides fast and continuous pre- and post-infection management of key diseases. Cevya is now registered for use on berries, strawberries, cucurbit vegetables, lettuce, and crops in the fruiting and bulb vegetable groups.

### Sefina®

Insecticide Powered by Inscalis®

For a lasting barrier that protects against labelled piercing and sucking insects, Sefina insecticide is powered by Inscalis® to control labelled aphid pests that have developed resistance to other insecticides. It quickly halts feeding to help reduce production losses and virus transmission in potatoes. Sefina is now registered for use on pome fruit, stone fruit, and brassica, cucurbit, fruiting and leafy vegetables.

### Cimegra®

Insecticide



Powered by the ground-breaking active ingredient broflanilide, Cimegra insecticide is an innovative solution for difficult-to-control chewing insects in potatoes—and now brassica, leafy and fruiting vegetables. Along with in-furrow control of wireworms, Cimegra is now registered for foliar use on Colorado potato beetles in potatoes—providing fast knockdown and control growers can count on.



Berries

Grapes

Pome  
fruits

Stone  
fruits

Strawberries

Potatoes

Brassica  
vegetables

Bulb  
vegetables

Cucurbit  
vegetables

Fruiting  
vegetables

Leafy  
vegetables

Root  
vegetables

Additional  
resources

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# Solutions for berries.

Staging graphics depicted here are for quick reference only.  
Refer to individual product pages and product labels for detailed staging information.



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**Ignite**<sup>1,2</sup>  
Herbicide

**Merivon**<sup>2,3</sup>  
Fungicide

**Cevya**<sup>2</sup>  
Revysol Fungicide

**Pristine**<sup>2</sup>  
Fungicide

**Cabrio**<sup>2</sup>  
Fungicide

**Cantus**<sup>2</sup>  
Fungicide

**Sercadis**<sup>2</sup>  
Xemium Fungicide

**Serifel**  
Fungicide

DORMANT

BUD SWELL  
TO BUD BREAK

TIGHT CLUSTER

PINK BUD

5% BLOOM

FULL BLOOM

PETAL FALL

GREEN FRUIT

FRUIT SIZING/  
FRUIT COLOURING

HARVEST

Darker areas reflect recommended application timing for Cabrio® EG, Merivon® and Pristine® WG fungicides.

Darker areas reflect recommended application timing for Cantus® WDG and Sercadis® fungicides.

<sup>1</sup> In lowbush blueberries, Ignite® herbicide is applied in the crop year following harvest and mowing. Ignite is registered for use in lowbush blueberries (dormant application), highbush blueberries, strawberries and established raspberries (primocane control) only.

<sup>2</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.

<sup>3</sup> Merivon is registered for use in blueberries (highbush and lowbush) only.

## Disease solutions for lowbush blueberries.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Anthracnose	<i>Colletotrichum</i> spp.	Cabrio EG	4 x 2.27 kg	11	1.0	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.3 – 1.6	1 hr
	<i>Colletotrichum acutatum</i> & <i>C. gloeosporioides</i>	Merivon	4 x 1.62 L	7 & 11	0.8	1 hr
Botrytis gray mold	<i>Botrytis cinerea</i>	Cantus WDG	4 x 2.83 kg	7	0.560	1 hr
		Cevya® (suppression)	2 x 4 L	3	0.25 – 0.375	1 hr
		Merivon (suppression)	4 x 1.62 L	7 & 11	0.6 – 0.8	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.3 – 1.6	1 hr
		Sercadis (suppression)	2 x 1.35 L	7	0.250 – 0.666	1 hr
		Serifel® (suppression)	4 x 2 kg	BM02	0.25 – 0.5	3 hrs
Monilinia blight/Mummy berry	<i>Monilinia vacciniae-corymbosi</i>	Cevya (suppression)	2 x 4 L	3	0.25	1 hr
Phomopsis	<i>Phomopsis vaccinii</i>	Cabrio EG	4 x 2.27 kg	11	1.0	1 hr
		Merivon	4 x 1.62 L	7 & 11	0.8	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.6	1 hr
Septoria leaf spot	<i>Septoria</i> spp.	Cevya	2 x 4 L	3	0.25	1 hr
		Merivon	4 x 1.62 L	7 & 11	0.4 – 0.8	1 hr
		Sercadis	2 x 1.35 L	7	0.250 – 0.666	1 hr
	<i>Septoria albopunctata</i>	Pristine WG (suppression)	4 x 2.83 kg	7 & 11	1.6	1 hr
Valdensinia leaf spot	<i>Valdensinia heterodoxa</i>	Pristine WG (suppression)	4 x 2.83 kg	7 & 11	1.3 – 1.6	1 hr

## Disease solutions for highbush blueberries.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Anthracnose	<i>Colletotrichum</i> spp.	Cabrio EG	4 x 2.27 kg	11	1.0	1 hr
	<i>Colletotrichum acutatum</i> & <i>C. gloeosporioides</i>	Merivon	4 x 1.62 L	7 & 11	0.8	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.3 – 1.6	1 hr
Botrytis gray mold	<i>Botrytis cinerea</i>	Cantus WDG	4 x 2.83 kg	7	0.560	1 hr
		Cevya (suppression)	2 x 4 L	3	0.25	1 hr
		Merivon (suppression)	4 x 1.62 L	7 & 11	0.6 – 0.8	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.3 – 1.6	1 hr
		Sercadis (suppression)	2 x 1.35 L	7	0.250 – 0.666	1 hr
		Serifel (suppression)	4 x 2 kg	BM02	0.25 – 0.5	3 hrs
Monilinia blight/Mummy berry	<i>Monilinia vacciniae-corymbosi</i>	Cevya (suppression)	2 x 4 L	3	0.25	1 hr
Phomopsis	<i>Phomopsis vaccinii</i>	Cabrio EG	4 x 2.27 kg	11	1.0	1 hr
		Merivon	4 x 1.62 L	7 & 11	0.8	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.6	1 hr
Septoria leaf spot	<i>Septoria</i> spp.	Cevya	2 x 4 L	3	0.25	1 hr
		Merivon	1 x 1.62 L	7 & 11	0.4 – 0.8	1 hr
		Sercadis	2 x 1.35 L	7	0.250 – 0.666	1 hr

## Disease solutions for cane and other bushberries.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Anthracnose	<i>Colletotrichum</i> spp.	Pristine WG	4 x 2.83 kg	7 & 11	1.3 – 1.6	1 hr
Botrytis gray mold	<i>Botrytis cinerea</i>	Cantus WDG	4 x 2.83 kg	7	0.560	1 hr
		Cevya (suppression)*	2 x 4 L	3	0.25	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.3 – 1.6	1 hr
		Sercadis (suppression)	2 x 1.35 L	7	0.250 – 0.666	1 hr
		Serifel (suppression)	4 x 2 kg	BM02	0.25 – 0.5	3 hrs
Entomosporium leaf spot	<i>Entomosporium mespili</i>	Pristine WG (Saskatoon berry only)	4 x 2.83 kg	7 & 11	1.6	1 hr
Entomosporium leaf & berry spot	<i>Entomosporium mespili</i>	Kumulus® DF (Saskatoon berry only)	1 x 25 kg	M	7.5	N/A
Gymnosporangium rust	<i>Gymnosporangium nelsonii</i>	Pristine WG (Saskatoon berry only)	4 x 2.83 kg	7 & 11	1.6	1 hr
Phomopsis	<i>Phomopsis vaccinii</i>	Pristine WG	4 x 2.83 kg	7 & 11	1.6	1 hr
Powdery mildew	<i>Sphaerotheca mors-ueva</i>	Pristine WG (suppression – current & gooseberry only)	4 x 2.83 kg	7 & 11	1.6	1 hr
Septoria leaf spot	<i>Septoria</i> spp.	Cevya (current & elderberry only)*	2 x 4 L	3	0.25	1 hr
		Sercadis	2 x 1.35 L	7	0.250 – 0.666	1 hr

\*Not including caneberry. Please refer to label for specific crops.

## Restricted entry and pre-harvest intervals for disease solutions in berries.

Product	REI	PHI (days)
Cabrio WG	12 hrs (hand harvest 1 day)	1
Cantus WDG	12 hrs	0
Cevya	12 hrs	0
Kumulus DF	24 hrs	1
Merivon	12 hrs – 8 days (Refer to label)	12 hrs – 5 days (Refer to label)
Pristine WG	Once dry – 29 days (Refer to label)	24 hrs – 29 days (Refer to label)
Sercadis	12 hrs	0
Serifel	4 hrs	0

## Weed solutions for berries.

Weed							
Type	Common Name	Product	Herbicide Group	Rate	Rainfast	REI	PHI (days)
Annual broadleaf	Common chickweed	Ignite	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	Refer to label
	Dandelion			4.0 – 5.0 L/ha			
	Lamb's quarters			2.7 – 4.0 L/ha			
	Oak-leaved goosefoot			4.0 – 5.0 L/ha			
	Redroot pigweed			4.0 L/ha			
	Stinkweed			2.7 – 4.0 L/ha			
	Wild buckwheat			4.0 – 5.0 L/ha			
	Wild mustard			2.7 – 4.0 L/ha			
Annual grass	Foxtail (green)		10	2.7 – 4.0 L/ha	4 hrs	12 hrs	14

# Solutions for grapes.

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**Ignite<sup>1</sup>**  
Herbicide

**Frontier Max**  
Herbicide

**Kumulus DF<sup>1</sup>** and/or **Serifel<sup>1</sup>**  
Fungicide

**Cevya<sup>1</sup>** and/or **Serifel<sup>1</sup>**  
Revysol<sup>®</sup> Fungicide and/or Fungicide

**Vivando<sup>1</sup>** and/or **Serifel<sup>1</sup>**  
Fungicide and/or Fungicide

**Nealta<sup>1</sup>**  
Miticide

**Pristine<sup>1</sup>** and/or **Serifel<sup>1</sup>**  
Fungicide and/or Fungicide

**Sercadis<sup>1</sup>** and/or **Serifel<sup>1</sup>**  
Xemium<sup>®</sup> Fungicide and/or Fungicide

**Forum<sup>2</sup>** or **Zampro<sup>1</sup>**  
Fungicide or Fungicide

BUD BURST

FIRST LEAF

3-5 LEAF

PRE-BLOOM

BLOOM

FRUIT SET/  
SHOT BERRY

PEA SIZED  
FRUIT

BERRY TOUCH/  
BUNCH CLOSURE

VERAISON

HARVEST

Darker areas reflect recommended application timing for Forum<sup>®</sup>, Vivando<sup>®</sup> SC and Zampro<sup>®</sup> fungicides.

Darker areas reflect recommended application timing for Pristine<sup>®</sup> WG fungicide.

<sup>1</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.

<sup>2</sup> To reduce the risk of the development of fungicide resistance, tank mix Forum fungicide with other fungicides. Do not apply more than four (4) applications per season.

# Disease solutions for grapes.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Anthracnose	<i>Elsinoe ampelina</i>	Pristine WG	4 x 2.83 kg	7 & 11	0.735	1 hr
Black rot	<i>Guignardia bidwellii</i> (fruit)	Cevya® (suppression)	2 x 4 L	3	0.25	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	0.735	1 hr
Botrytis gray mold	<i>Botrytis cinerea</i>	Pristine WG (suppression)	4 x 2.83 kg	7 & 11	0.420 – 0.735	1 hr
		Serifel® (suppression)	4 x 2 kg	BM02	0.25 – 0.5	3 hrs
Bunch rot complex	<i>Cladosporium</i> spp., <i>Aspergillus</i> spp.	Pristine WG	4 x 2.83 kg	7 & 11	0.420 – 0.735	1 hr
Downy mildew	<i>Plasmopara viticola</i> (foliar)	Forum	2 x 4.5 L	40	0.45	2 hrs
		Pristine WG	4 x 2.83 kg	7 & 11	0.675 – 0.735	1 hr
		Zampro	4 x 4.14 L	40 & 45	0.8 – 1.0	2 hrs
Powdery mildew	<i>Uncinula necator</i>	Cantus® WDG	4 x 2.83 kg	7	0.315	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	0.420 – 0.735	1 hr
		Vivando SC	4 x 3.78 L	50	0.750	1 hr
	<i>Erysiphe necator</i>	Cevya	2 x 4 L	3	0.19 – 0.25	1 hr
		Kumulus® DF	1 x 25 kg	M	12.60	N/A
		Sercadis®	2 x 1.35 L	7	0.250 – 0.333	1 hr
Serifel (suppression)	4 x 2 kg	BM02	0.25 – 0.50	3 hrs		

## Restricted entry and pre-harvest intervals for disease solutions in grapes.

Product	REI	PHI (days)
Cantus WDG	12 hrs	14
Cevya	12 hrs for wine grapes	14
Forum	12 hrs – 8 days (Refer to label)	14
Kumulus DF	24 hrs	1 – 21
Pristine WG	Once dry – 21 days (Refer to label)	14 – 21 days (Refer to label)
Sercadis	12 hrs	14
Serifel	4 hrs	0
Vivando SC	12 hrs – 4 days	14
Zampro	12 hrs – 8 days (Refer to label)	14



## Insect and mite solutions for grapes.

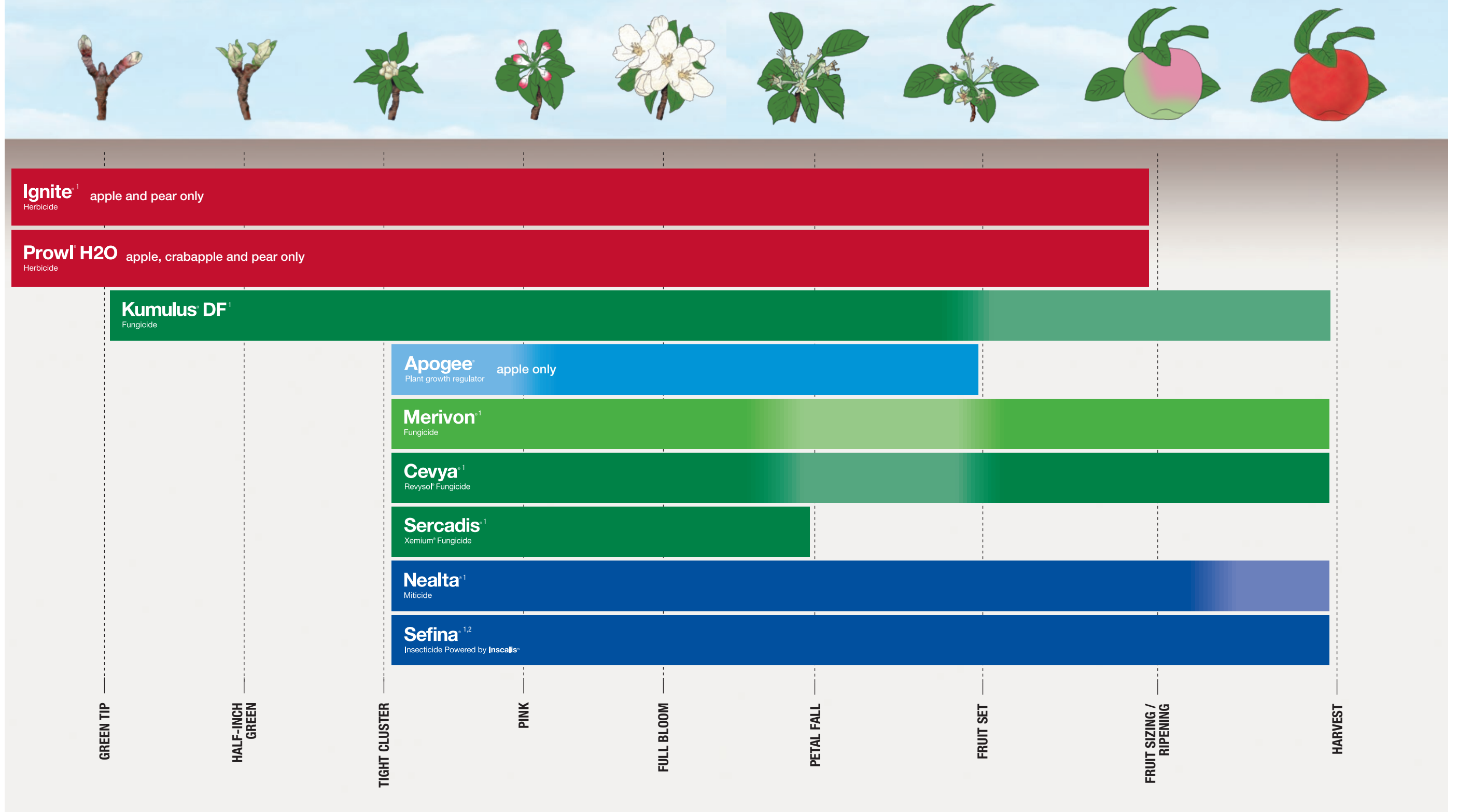
Insect Name							
Common	Scientific	Product	Group	Rate	Rainfast	REI	PHI (days)
European red mite	<i>Panonychus ulmi</i>	Nealta®	25	1.0 L/ha	1 hr	12 hrs	14
Grape erineum mite	<i>Colomerus vitis</i>	Kumulus DF	M	3.40 kg/ha	N/A	24 hrs	1 – 21
Two-spotted spider mite	<i>Tetranychus urticae</i> Koch	Nealta	25	1.0 L/ha	1 hr	12 hrs	14

## Weed solutions for grapes.

Weed							
Type	Common Name	Product	Herbicide Group	Rate	Rainfast	REI	PHI (days)
Annual broadleaf	Eastern black nightshade	Frontier® Max	15	0.963 L/ha	N/A	24 hrs	30
	Common chickweed	Ignite®	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	40
	Dandelion	Ignite	10	4.0 – 5.0 L/ha	4 hrs	12 hrs	40
	Lamb's quarters	Ignite	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	40
	Oak-leaved goosefoot	Ignite	10	4.0 – 5.0 L/ha	4 hrs	12 hrs	40
	Redroot pigweed	Ignite	10	4.0 L/ha	4 hrs	12 hrs	40
		Frontier Max	15	0.963 L/ha	N/A	24 hrs	30
	Stinkweed	Ignite	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	40
	Wild buckwheat	Ignite	10	4.0 – 5.0 L/ha	4 hrs	12 hrs	40
	Wild mustard	Ignite	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	40
Annual grass	Barnyard grass	Frontier Max	15	0.963 L/ha	N/A	24 hrs	30
	Crabgrass (smooth, large)	Frontier Max	15	0.963 L/ha	N/A	24 hrs	30
	Fall panicum	Frontier Max	15	0.963 L/ha	N/A	24 hrs	30
	Foxtail (green)	Ignite	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	40
	Foxtail (green, yellow, giant)	Frontier Max	15	0.963 L/ha	N/A	24 hrs	30
	Old witchgrass	Frontier Max	15	0.963 L/ha	N/A	24 hrs	30

# Solutions for pome fruit.

Staging graphics depicted here are for quick reference only.  
Refer to individual product pages and product labels for detailed staging information.



**Dark green bar:** Darker areas reflect recommended application timing for Cevya<sup>®</sup> and Kumulus<sup>®</sup> DF fungicides

**Blue bar:** Darker areas reflect recommended application timing for Apogee<sup>®</sup> plant growth regulator.

**Light green bar:** Darker areas reflect recommended application timing for Merivon<sup>®</sup> fungicide.

**Dark blue bar:** Darker areas reflect recommended application timing for Nealta<sup>®</sup> miticide.

<sup>1</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.

<sup>2</sup> Application during the crop blooming period, and when orchard ground cover contains blooming plants or weeds, may be made only in the evening when most bees are not foraging.

# Disease solutions for pome fruit.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Apple scab	<i>Venturia inaequalis</i>	Cevya	2 x 4 L	3	0.25 – 0.375	1 hr
		Kumulus DF (apple & pear only)	1 x 25 kg	M	12 – 22.5	N/A
		Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine® WG	4 x 2.83 kg	7 & 11	1 – 1.2	1 hr
		Sercadis®	2 x 1.35 L	7	0.167 – 0.333	1 hr
Bitter rot / glomerella leaf blotch	<i>Colletotrichum</i> spp.	Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.0 – 1.2	1 hr
Black rot / frog eye leaf spot	<i>Botryosphaeria obtusa</i>	Cevya (suppression)	2 x 4 L	3	0.25 – 0.375	1 hr
		Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1 – 1.2	1 hr
Brooks spot	<i>Mycosphaerella pomi</i>	Pristine WG	4 x 2.83 kg	7 & 11	0.6 – 0.8	1 hr
Fire blight	<i>Erwinia amylovora</i>	Apogee (apple only – suppression)	4 x 2.27 kg	11	1.35	8 hrs
Flyspeck	<i>Zygophiala jamaicensis</i>	Cevya (apple only)	2 x 4 L	3	0.25 – 0.375	1 hr
		Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine WG	4 x 2.83 g	7 & 11	0.6 – 0.8	1 hr
Pear scab	<i>Venturia pirina</i>	Cevya (pear only)	2 x 4 L	3	0.25 – 0.375	1 hr
		Kumulus DF	1 x 25 kg	M	12 – 22.5	N/A
		Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1 – 1.2	1 hr
		Sercadis	2 x 1.35 L	7	0.167 – 0.333	1 hr
Powdery mildew	<i>Podosphaera leucotricha</i>	Cevya (suppression)	2 x 4 L	3	0.25 – 0.375	1 hr
		Kumulus DF (apple & pear only)	1 x 25 kg	M	12 – 22.5	N/A
		Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1 – 1.2	1 hr
		Sercadis	2 x 1.35 L	7	0.167 – 0.333	1 hr
Sooty blotch	disease complex	Cevya (apple only)	2 x 4 L	3	0.25 – 0.375	1 hr
		Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	0.6 – 0.8	1 hr

## Restricted entry and pre-harvest intervals for disease solutions in pome fruit.

Product	REI	PHI (days)
Cevya	12 hrs	0
Kumulus DF	24 hrs	1
Merivon	12 hrs – 12 days (Refer to label)	5
Pristine WG	Once dry – 12 days (Refer to label)	5
Sercadis	12 hrs	0

## Insect and mite solutions for pome fruit.

Insect Name							
Common	Scientific	Product	Group	Rate	Rainfast	REI	PHI (days)
European red mite	<i>Panonychus ulmi</i>	Nealta	25	1.0 L/ha	1 hr	12 hrs	7
Green apple aphid	<i>Aphis pomi</i>	Sefina®	9D	0.2 L/ha	1 hr	12 hrs	7
McDaniel spider mite	<i>Tetranychus mcdanieli</i> McGregor	Nealta	25	1.0 L/ha	1 hr	12 hrs	7
Rosy apple aphid	<i>Dysaphis plantaginea</i>	Sefina	9D	0.2 L/ha	1 hr	12 hrs	7
Rust mite	<i>Aculus schlechtendali</i>	Kumulus DF	M	6.00 kg/ha	N/A	24 hrs	1
Two-spotted spider mite	<i>Tetranychus urticae</i> Koch	Nealta	25	1.0 L/ha	1 hr	12 hrs	7

## Weed solutions for pome fruit.

Weed							
Type	Common Name	Product	Herbicide Group	Rate	Rainfast	REI	PHI (days)
Annual broadleaf	Dandelion	Ignite® (apple & pear only)	10	4.0 – 5.0 L/ha	4 hrs	12 hrs	40
	Lamb's quarters	Ignite (apple & pear only)	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	40
		Prowl H2O	3	3.7 L/ha	N/A	12 hrs	◇
	Oak-leaved goosefoot	Ignite (apple & pear only)	10	4.0 – 5.0 L/ha	4 hrs	12 hrs	40
	Redroot pigweed	Ignite (apple & pear only)	10	4.0 L/ha	4 hrs	12 hrs	40
		Prowl H2O (suppression - apple, crabapple & pear only)	3	3.7 L/ha	N/A	12 hrs	◇
	Stinkweed	Ignite (apple & pear only)	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	40
	Wild buckwheat			4.0 – 5.0 L/ha			
Wild mustard	2.7 – 4.0 L/ha						
Annual grass	Barnyard grass	Prowl H2O (apple, crabapple & pear only)	3	3.7 L/ha	N/A	12 hrs	◇
	Crabgrass (smooth, large)	Prowl H2O (apple, crabapple & pear only)	3	3.7 L/ha	N/A	12 hrs	◇
	Foxtail (green)	Ignite (apple & pear only)	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	40
		Prowl H2O (apple, crabapple & pear only)	3	3.7 L/ha	N/A	12 hrs	◇

◇ Harvest at crop maturity.

## Plant growth regulator solutions for pome fruit.

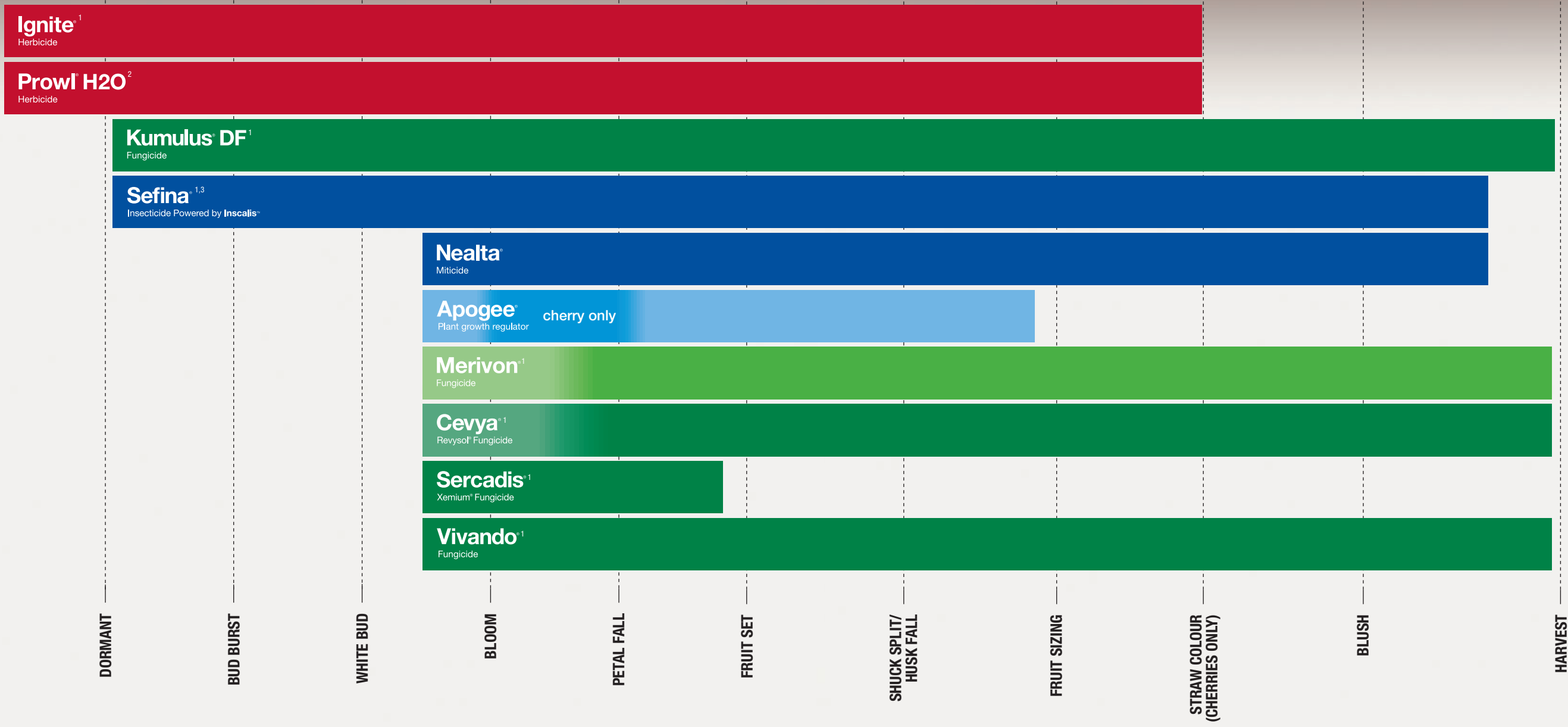
Concern Name						
Type	Product	Rate	Rainfast	REI	PHI (days)	
Vegetative growth	Apogee (apple only)	0.81 – 1.35 kg/ha	8 hrs	12 hrs	45	

# Solutions for stone fruit.

Staging graphics depicted here are for quick reference only.  
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Darker areas reflect recommended application timing for Apogee<sup>®</sup> plant growth regulator.
  Darker areas reflect recommended application timing for Merivon<sup>®</sup> fungicide.
  Darker areas reflect recommended application timing for Cevya<sup>®</sup> fungicide.

<sup>1</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.  
<sup>2</sup> See label for specific stone fruits registered.  
<sup>3</sup> Application during the crop blooming period, and when orchard ground cover contains blooming plants or weeds, may be made only in the evening when most bees are not foraging.

# Disease solutions for stone fruit.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Anthracnose	<i>Colletotrichum</i> spp.	Cabrio® EG	4 x 2.27 kg	11	0.67	1 hr
		Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine® WG	2 x 2.83 kg	7 & 11	0.735 – 1.0	1 hr
Blossom blight	<i>Monilinia fructicola, M. laxa</i>	Cevya (suppression)	2 x 4 L	3	0.375	1 hr
	<i>Monilinia</i> spp.	Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	0.735 – 1.0	1 hr
		Sercadis®	2 x 1.35 L	7	0.333	1 hr
		Cabrio EG (suppression)	4 x 2.27 kg	11	0.67	1 hr
Brown rot	<i>Monilinia fructicola, M. laxa</i>	Cevya (suppression)	2 x 4 L	3	0.375	1 hr
	<i>Monilinia</i> spp.	Kumulus® DF (cherry, nectarine, peach & plum only)	1 x 25 kg	M	22.5	N/A
		Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	0.735 – 1.0	1 hr
		Sercadis	2 x 1.35 L	7	0.333	1 hr
Leaf spot	<i>Blumeriella jaapii</i>	Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	0.735 – 1.0	1 hr
	<i>Xanthomonas campestris</i> pv. <i>pruni</i>	Kumulus DF (nectarine, peach & plum only)	1 x 25 kg	M	22.5	N/A
Peach scab	<i>Cladosporium carpophilum</i>	Kumulus DF (nectarine & peach only)	1 x 25 kg	M	22.5	N/A
Powdery mildew	<i>Podosphaera clandestina</i>	Cabrio EG (cherry only)	4 x 2.27 kg	11	0.67	1 hr
	<i>Podosphaera clandestina, P. pannosa</i>	Cevya (suppression)	2 x 4 L	3	0.25 – 0.375	1 hr
	<i>Sphaerotheca</i> spp., <i>Podosphaera</i> spp.	Kumulus DF (nectarine, peach & sour cherry only)	1 x 25 kg	M	12.00	N/A
	<i>Podosphaera</i> spp.	Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
	<i>Sphaerotheca</i> spp., <i>Podosphaera</i> spp.	Pristine WG (suppression)	4 x 2.83 kg	7 & 11	0.735 – 1.0	1 hr
	<i>Podosphaera clandestina</i>	Vivando® SC	4 x 3.785 L	50	0.75 – 1.12	1 hr
Rhizopus rot	<i>Rhizopus stolonifera</i>	Merivon (suppression)	4 x 1.62 L	7 & 11	0.4	1 hr
	<i>Rhizopus stolonifera</i> and other <i>Rhizopus</i> spp.	Pristine WG	4 x 2.83 kg	7 & 11	0.790 – 1.0	1 hr

## Restricted entry and pre-harvest intervals for disease solutions in stone fruit.

Product	REI	PHI (days)
Cabrio EG	12 hrs – 9 days (Refer to label)	10
Cevya	12 hrs	0
Kumulus DF	24 hrs	1
Merivon	12 hrs – 10 days	0
Pristine WG	Once dry – 10 days (Refer to label)	0
Sercadis	12 hrs	0
Vivando SC	12 hrs	7

## Insect and mite solutions for stone fruit.

Insect Name							
Common	Scientific	Product	Group	Rate	Rainfast	REI	PHI (days)
Black cherry aphid	<i>Myzus cerasi</i>	Sefina®	9D	0.2 L/ha	1 hr	12 hrs	7
European red mite	<i>Panonychus ulmi</i>	Nealta®	25	1.0 L/ha	1 hr	12 hrs	7
McDaniel spider mite	<i>Tetranychus mcdanieli</i> McGregor	Nealta	25	1.0 L/ha	1 hr	12 hrs	7
Mealy plum aphid	<i>Hyalopterus pruni</i>	Sefina	9D	0.2 L/ha	1 hr	12 hrs	7
Rust mite	<i>Aculus fockeui</i>	Kumulus DF (sour cherry only)	M	6.00 kg/ha	N/A	24 hrs	1
Rust plum aphid	<i>Hysteroneura setariae</i>	Sefina	9D	0.2 L/ha	1 hr	12 hrs	7
Two-spotted spider mite	<i>Tetranychus urticae</i> Koch	Nealta	25	1.0 L/ha	1 hr	12 hrs	7

## Weed solutions for stone fruit.

Weed							
Type	Common Name	Product	Herbicide Group	Rate	Rainfast	REI	PHI (days)
Annual broadleaf	Dandelion	Ignite®	10	4.0 – 5.0 L/ha	4 hrs	12 hrs	14
	Lamb's quarters	Ignite	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	14
		Prowl H20*	3	3.7 L/ha	N/A	12 hrs	◇
	Oak-leaved goosefoot	Ignite	10	4.0 – 5.0 L/ha	4 hrs	12 hrs	14
	Redroot pigweed	Ignite	10	4.0 L/ha	4 hrs	12 hrs	14
		Prowl H20* (suppression)	3	3.7 L/ha	N/A	12 hrs	◇
	Stinkweed	Ignite	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	14
	Wild buckwheat			4.0 – 5.0 L/ha			
Wild mustard	2.7 – 4.0 L/ha						
Annual grass	Barnyard grass	Prowl H20*	3	3.7 L/ha	N/A	12 hrs	◇
	Crabgrass (smooth, large)	Prowl H20*	3	3.7 L/ha	N/A	12 hrs	◇
	Foxtail (green)	Ignite	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	14
		Prowl H20*	3	3.7 L/ha	N/A	12 hrs	◇

\*See label for specific stone fruits registered.

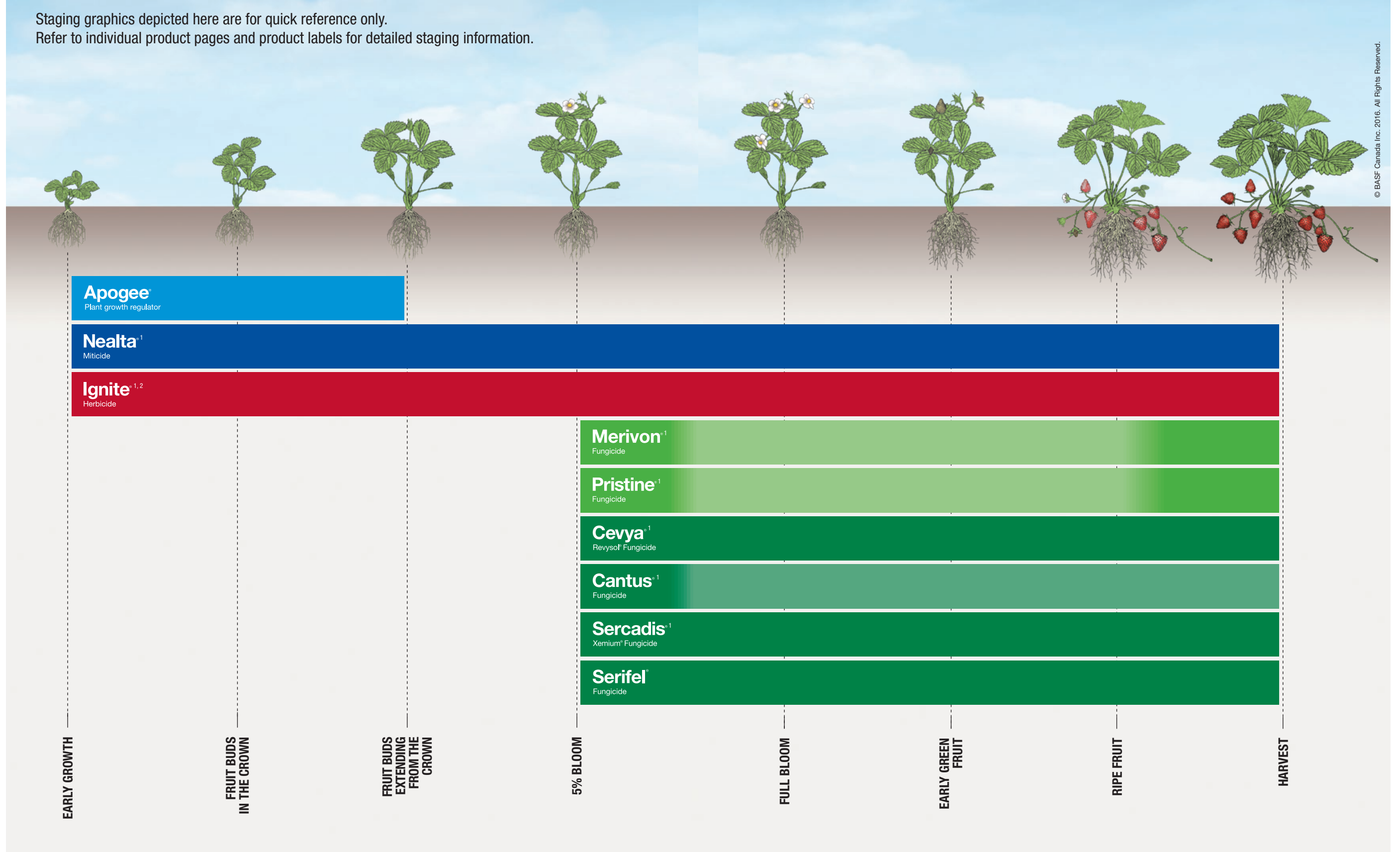
◇ Harvest at crop maturity.

## Plant growth regulator solutions for stone fruit.


Concern Name						
Type	Product	Rate	Rainfast	REI	PHI (days)	
Vegetative growth	Apogee (cherry only)	1.35 kg/ha	8 hrs	12 hrs	20	

# Solutions for strawberries.

Staging graphics depicted here are for quick reference only.  
Refer to individual product pages and product labels for detailed staging information.



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 Darker areas reflect recommended application timing for Merivon<sup>®</sup> and Pristine<sup>®</sup> WG fungicides.

 Darker areas reflect recommended application timing for Cantus<sup>®</sup> WDG fungicide.

<sup>1</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.  
<sup>2</sup> Ignite<sup>®</sup> herbicide must only be applied in between crop rows. Do not apply directly to strawberries. See the label for more information.



# Disease solutions for strawberries.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Anthracnose	<i>Colletotrichum</i> spp.	Cabrio® EG	4 x 2.27 kg	11	0.56 – 1.0	1 hr
		Merivon	4 x 1.62 L	7 & 11	0.4 – 0.8	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.3 – 1.6	1 hr
Botrytis gray mold	<i>Botrytis cinerea</i>	Cantus WDG	4 x 2.83 kg	7	0.56	1 hr
		Cevya® (suppression)	2 x 4 L	3	0.25 – 0.375	1 hr
		Merivon (suppression)	4 x 1.62 L	7 & 11	0.6 – 0.8	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.3 – 1.6	1 hr
		Sercadis® (suppression)	2 x 1.35 L	7	0.50 – 0.66	1 hr
		Serifel® (suppression)	4 x 2 kg	BM02	0.25 – 0.5	3 hrs
		Leaf spot	<i>Mycosphaerella</i> spp.	Pristine WG	4 x 2.83 kg	7 & 11
Powdery mildew	<i>Podosphaera aphanis</i>	Merivon	4 x 1.62 L	7 & 11	0.4 – 0.6	1 hr
	<i>Sphaerotheca</i> spp.	Pristine WG	4 x 2.83 kg	7 & 11	1.6	1 hr
	<i>Sphaerotheca macularis</i>	Sercadis	2 x 1.35 L	7	0.25 – 0.333	1 hr

## Restricted entry and pre-harvest intervals for disease solutions in strawberries.

Product	REI	PHI (days)
Cabrio EG	12 hrs	1
Cantus WDG	12 hrs	0
Cevya	12 hrs	0
Merivon	12 hrs – 1 day (Refer to label)	12 hrs – 1 day (Refer to label)
Pristine WG	Once dry – 24 hrs (Refer to label)	1
Sercadis	12 hrs	0
Serifel	4 hrs	0

## Weed solutions for strawberries.

Weed							
Type	Common Name	Product	Herbicide Group	Rate	Rainfast	REI	PHI (days)
Annual broadleaf	Common chickweed	Ignite <sup>1</sup>	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	1
	Dandelion			4.0 – 5.0 L/ha			
	Lamb's quarters			2.7 – 4.0 L/ha			
	Oak-leaved goosefoot			4.0 – 5.0 L/ha			
	Redroot pigweed			4.0 L/ha			
	Stinkweed			2.7 – 4.0 L/ha			
	Wild buckwheat			4.0 – 5.0 L/ha			
	Wild mustard			2.7 – 4.0 L/ha			
Annual grass	Foxtail (green)	Ignite <sup>1</sup>	10	2.7 – 4.0 L/ha	4 hrs	12 hrs	1

<sup>1</sup> Ignite herbicide must only be applied in between crop rows. Do not apply directly to strawberries. See the label for more information.

## Insect and mite solutions for strawberries.

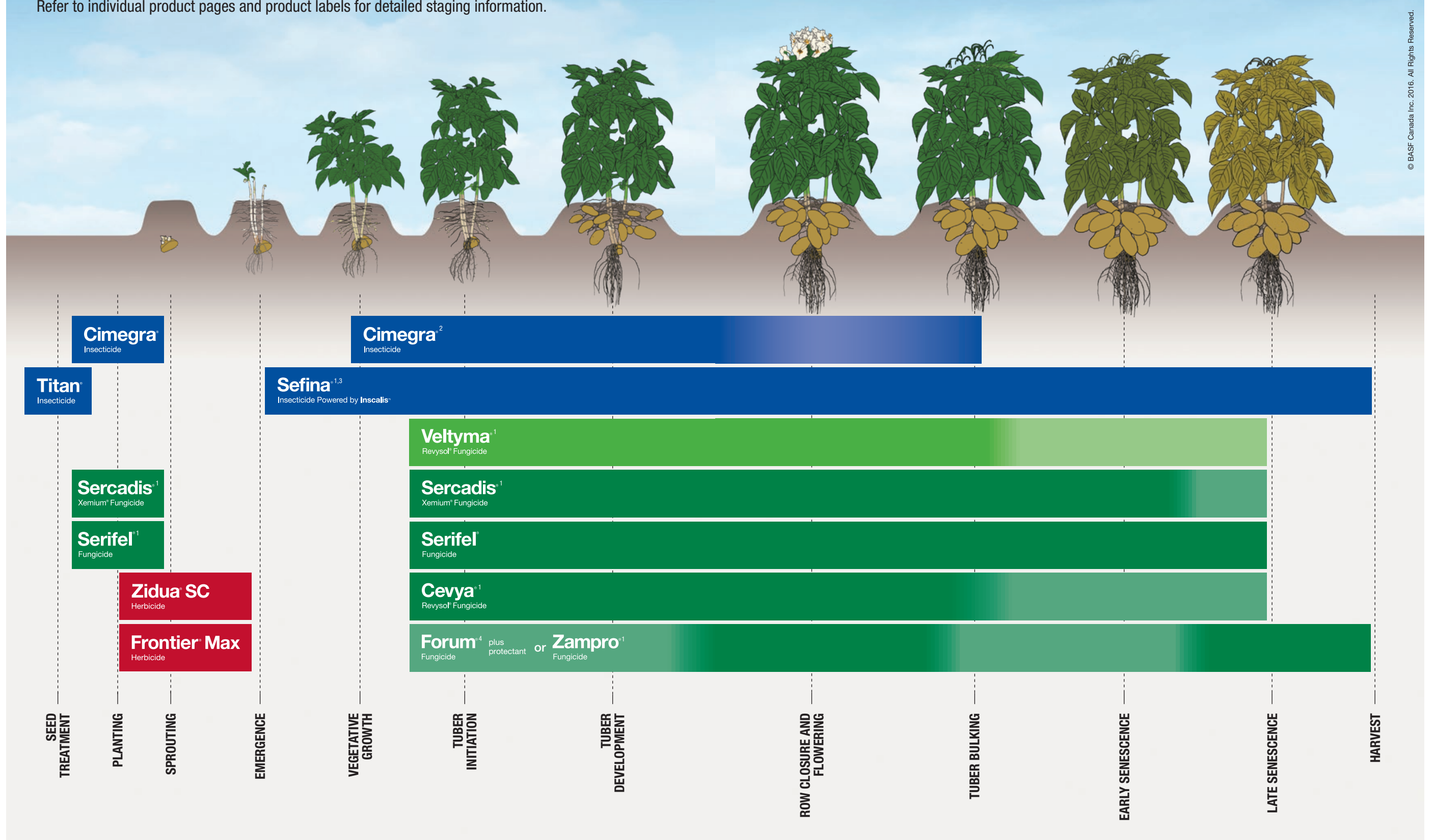
Insect Name							
Common	Scientific	Product	Group	Rate	Rainfast	REI	PHI (days)
McDaniel spider mite	<i>Tetranychus mcdanieli</i> McGregor	Nealta®	25	1.0 L/ha	1 hr	12 hrs	1
Two-spotted spider mite	<i>Tetranychus urticae</i> Koch	Nealta	25	1.0 L/ha	1 hr	12 hrs	1

## Plant growth regulator solutions for strawberries.

Concern Name							
Type	Product	Rate	Rainfast	REI	PHI (days)		
Runners	Apogee®	135 g/ha	8 hrs	12 hrs	21		

# Solutions for potatoes.

Staging graphics depicted here are for quick reference only.  
Refer to individual product pages and product labels for detailed staging information.



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■ Darker areas reflect recommended application period for Cimegra<sup>®</sup> insecticide. ■ Darker areas reflect recommended application timing for Veltyma<sup>®</sup> fungicide. ■ Darker areas reflect recommended application timing for Cevya<sup>®</sup>, Forum<sup>®</sup> and Sercadis<sup>®</sup> fungicides.

<sup>1</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.  
<sup>2</sup> Toxic to bees. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to evening when most bees are not foraging. When using managed bees for pollination services, DO NOT apply during the crop blooming period.  
<sup>3</sup> Application during the crop blooming period may be made only in the evening when most bees are not foraging.  
<sup>4</sup> To reduce the risk of the development of fungicide resistance, tank mix Forum fungicide with other fungicides. Do not apply more than three (3) applications per season.

# Disease solutions for potatoes.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Black dot	<i>Colletotrichum coccodes</i>	Cevya (suppression)	2 x 4 L	3	0.19 – 0.25	1 hr
		Veltyma	2 x 8.1 L	3 & 11	0.5	1 hr
Brown spot	<i>Alternaria alternata</i>	Cevya (suppression)	2 x 4 L	3	0.19 – 0.25	1 hr
		Veltyma (suppression)	2 x 8.1 L	3 & 11	0.5	1 hr
Early blight	<i>Alternaria solani</i>	Cevya	2 x 4 L	3	0.19 – 0.25	1 hr
		Sercadis	2 x 1.35 L	7	0.167 – 0.333	1 hr
		Serifel® (suppression)	4 x 2 kg	BM02	0.25 – 0.5	3 hrs
		Veltyma	2 x 8.1 L	3 & 11	0.5	1 hr
Late blight	<i>Phytophthora infestans</i>	Forum	2 x 4.5 L	40	0.45	2 hrs
		Zampro	4 x 4.14 L	40 & 45	0.8 – 1.0	2 hrs
Rhizoctonia canker	<i>Rhizoctonia</i> spp.	Sercadis (in-furrow)	2 x 1.35 L	7	0.333	1 hr
		Serifel (partial suppression)	4 x 2 kg	BM02	0.25 – 0.5	3 hrs
Tuber blight	<i>Phytophthora infestans</i>	Forum	2 x 4.5 L	40	0.45	2 hrs
White mold	<i>Sclerotinia sclerotiorum</i>	Sercadis	2 x 1.35 L	7	0.333	1 hr

## Restricted entry and pre-harvest intervals for disease solutions in potatoes.

Product	REI	PHI (days)
Cevya	12 hrs	7
Forum	12 hrs	4
Sercadis	12 hrs	7
Serifel	4 hrs	0
Veltyma	12 hrs	7
Zampro	12 hrs	4

# Insect solutions for potatoes.

Insect Name							
Common	Scientific	Product	Group	Rate	Rainfast	REI	PHI (days)
Buckthorn aphid	<i>Aphis nasturtii</i>	Titan®	4	10.4 – 20.8 mL*	N/A	12 hrs	N/A
Foxglove aphid	<i>Aulacorthum solani</i>	Titan	4	10.4 – 20.8 mL*	N/A	12 hrs	N/A
Colorado potato beetle	<i>Leptinotarsa decemlineata</i>	Cimegra	30	125 – 187.5 mL/ha	N/A	12 hrs	14
		Titan	4	10.4 – 20.8 mL*	N/A	12 hrs	N/A
Green peach aphid	<i>Myzus persicae</i>	Sefina®	9D	0.2 L/ha	1 hr	12 hrs	7
		Titan	4	10.4 – 20.8 mL*	N/A	12 hrs	N/A
Potato aphid	<i>Macrosiphum euphoribae</i>	Sefina	9D	0.2 L/ha	1 hr	12 hrs	7
		Titan	4	10.4 – 20.8 mL*	N/A	12 hrs	N/A
Potato flea beetle	<i>Epitrix cucumeris</i>	Titan	4	10.4 – 20.8 mL*	N/A	12 hrs	N/A
Potato leafhopper	<i>Empoasca fabae</i>	Titan	4	10.4 – 20.8 mL*	N/A	12 hrs	N/A
Silverleaf whitefly	<i>Bemisia argentifolii</i>	Sefina	9D	0.7 – 1.0 L/ha	1 hr	12 hrs	7
Sweet potato whitefly	<i>Bemisia tabaci</i>	Sefina	9D	0.7 – 1.0 L/ha	1 hr	12 hrs	7
Wireworm	Refer to label	Titan (damage suppression only)	4	20.8 mL*	N/A	12 hrs	N/A
	Refer to label	Cimegra	30	250 mL/ha**	N/A	N/A	N/A

\* Potato seed-piece treatment: rate of Titan insecticide per 100 kg potato seed pieces. \*\* For 90 cm (36") row spacing, apply 2.3 mL / 100 m row.

# Weed solutions for potatoes.

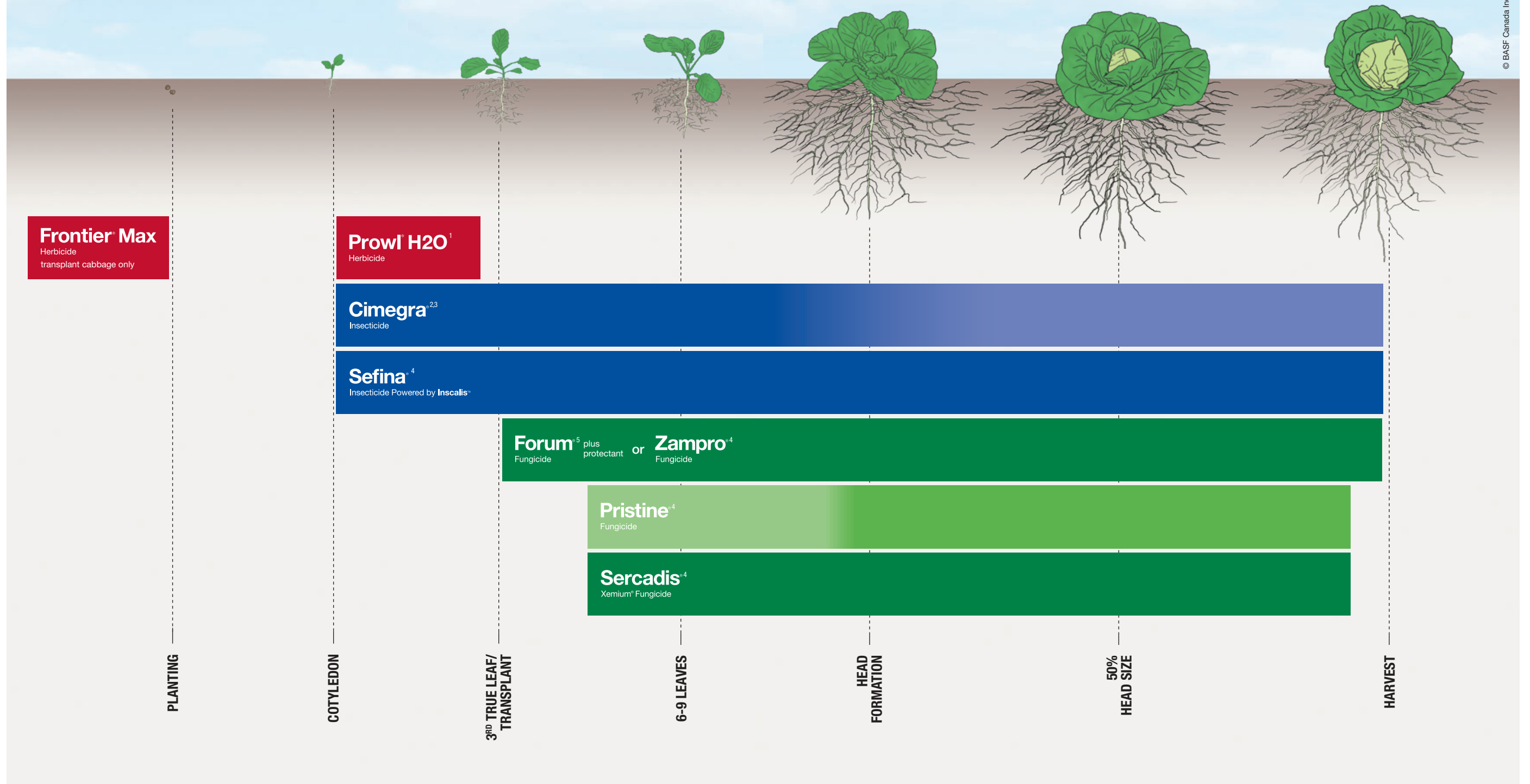
Weed							
Type	Common Name	Product	Herbicide Group	Rate	Rainfast	REI	PHI (days)
Annual broadleaf	Eastern black nightshade	Frontier® Max	15	0.756- 0.963 L/ha <sup>1,2</sup>	N/A	24 hrs	40
		Zidua® SC	15	0.12 – 0.24 L/ha	N/A	12 hrs	◇
	Kochia	Zidua SC	15	0.12 – 0.24 L/ha	N/A	12 hrs	◇
	Lamb's quarters	Zidua SC	15	0.12 – 0.24 L/ha	N/A	12 hrs	◇
	Redroot pigweed	Frontier Max	15	0.756 – 0.963 L/ha <sup>1,2</sup>	N/A	24 hrs	40
		Zidua SC	15	0.12 – 0.24 L/ha	N/A	12 hrs	◇
	Waterhemp	Zidua SC	15	0.12 – 0.24 L/ha	N/A	12 hrs	◇
Annual grass	Barnyard grass	Frontier Max	15	0.756 – 0.963 L/ha <sup>1</sup>	N/A	24 hrs	40
	Crabgrass (large)	Frontier Max	15	0.756 – 0.963 L/ha <sup>1</sup>	N/A	24 hrs	40
	Crabgrass (smooth)	Frontier Max	15	0.756 – 0.963 L/ha <sup>1</sup>	N/A	24 hrs	40
	Fall panicum	Frontier Max	15	0.756 – 0.963 L/ha <sup>1</sup>	N/A	24 hrs	40
	Foxtail (green, yellow)	Frontier Max	15	0.756 – 0.963 L/ha <sup>1</sup>	N/A	24 hrs	40
		Zidua SC	15	0.12 – 0.24 L/ha	N/A	12 hrs	◇
	Foxtail (giant)	Frontier Max	15	0.756 – 0.963 L/ha <sup>1</sup>	N/A	24 hrs	40
	Old witchgrass	Frontier Max	15	0.756 – 0.963 L/ha <sup>1</sup>	N/A	24 hrs	40
	Wild oats	Zidua SC	15	0.12 – 0.24 L/ha	N/A	12 hrs	◇
Sedge	Nutsedge (yellow)	Frontier Max (suppression)	15	0.756 – 0.963 L/ha <sup>1</sup>	N/A	24 hrs	40

Zidua SC provides early-season residual suppression to all labelled weeds.

<sup>1</sup> Rate dependent on soil texture and organic matter level. See label for specified rates. <sup>2</sup> High rate of 0.963 L/ha provides control. Lower rates provide suppression only. ◇ Harvest at crop maturity.

# Solutions for brassica vegetables.

Staging graphics depicted here are for quick reference only. Refer to individual product pages and product labels for detailed staging information.



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**Dark blue** Darker areas reflect recommended application period for Cimegra<sup>®</sup> insecticide.

**Green** Darker areas reflect recommended application timing for Pristine<sup>®</sup> WG fungicide.

<sup>1</sup> Cabbage, broccoli and cauliflower in mineral soil only. Apply spray as directed to soil surface between vegetable rows.

<sup>2</sup> Toxic to bees. DO NOT apply during the crop blooming period.

<sup>3</sup> Maximum residue levels (MRLs) have not yet been established in key export markets, including the USA, to support foliar application to brassica head and stem vegetables.

<sup>4</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.

<sup>5</sup> To reduce the risk of the development of fungicide resistance, tank mix Forum<sup>®</sup> fungicide with other fungicides. Do not apply more than five (5) applications per season.

# Disease solutions for brassica vegetables.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Alternaria leaf spot	<i>Alternaria</i> spp.	Sercadis® (suppression)	2 x 1.35 L	7	0.250 – 0.333	1 hr
Botrytis gray mold	<i>Botrytis cinerea</i>	Pristine WG	4 x 2.83 kg	7 & 11	1.0	1 hr
Downy mildew	<i>Peronospora parasitica</i>	Forum (suppression)	2 x 4.5 L	40	0.45	2 hrs
		Pristine WG (suppression)	4 x 2.83 kg	7 & 11	1.0	1 hrs
		Zampro®	4 x 4.14 L	45 & 40	0.8 – 1.0	2 hrs
Ring spot	<i>Mycosphaerella brassicicola</i>	Sercadis	2 x 1.35 L	7	0.250 – 0.333	1 hr
Sclerotinia stem rot	<i>Sclerotinia sclerotiorum</i>	Sercadis (suppression)	2 x 1.35 L	7	0.250 – 0.333	1 hr

## Restricted entry and pre-harvest intervals for disease solutions in brassica vegetables.

Product	REI	PHI (days)
Forum	12 hrs	7
Pristine WG	4 days	4
Sercadis	12 hrs	3
Zampro	12 hrs	0

## Weed solutions for brassica vegetables.

Weed							
Type	Common Name	Product	Herbicide Group	Rate	Rainfast	REI	PHI (days)
Annual broadleaf	Eastern black nightshade	Frontier® Max <sup>1</sup>	15	0.963 L/ha	N/A	24 hrs	60
	Lamb's quarters	Prowl® H2O <sup>2</sup> (suppression)	3	2.46 L/ha	N/A	24 hrs	70*
	Redroot pigweed	Frontier Max <sup>1</sup>	15	0.963 L/ha	N/A	24 hrs	60
		Prowl H2O <sup>2</sup>	3	2.46 L/ha	N/A	24 hrs	70*
Annual grasses	Barnyard grass	Frontier Max <sup>1</sup>	15	0.756 – 0.963 L/ha	N/A	24 hrs	60
	Crabgrass (smooth, large)	Frontier Max <sup>1</sup>	15	0.756 – 0.963 L/ha	N/A	24 hrs	60
	Fall panicum	Frontier Max <sup>1</sup>	15	0.756 – 0.963 L/ha	N/A	24 hrs	60
	Foxtail (green)	Prowl H2O <sup>2</sup>	3	2.46 L/ha	N/A	24 hrs	70*
	Foxtail (green, yellow, giant)	Frontier Max <sup>1</sup>	15	0.756 – 0.963 L/ha	N/A	24 hrs	60
	Old witchgrass	Frontier Max <sup>1</sup>	15	0.756 – 0.963 L/ha	N/A	24 hrs	60

<sup>1</sup> Transplanted cabbage in Eastern Canada only.

<sup>2</sup> Broccoli, cabbage and cauliflower in mineral soil only.

\* For cabbage and cauliflower. PHI for broccoli is 60 days.

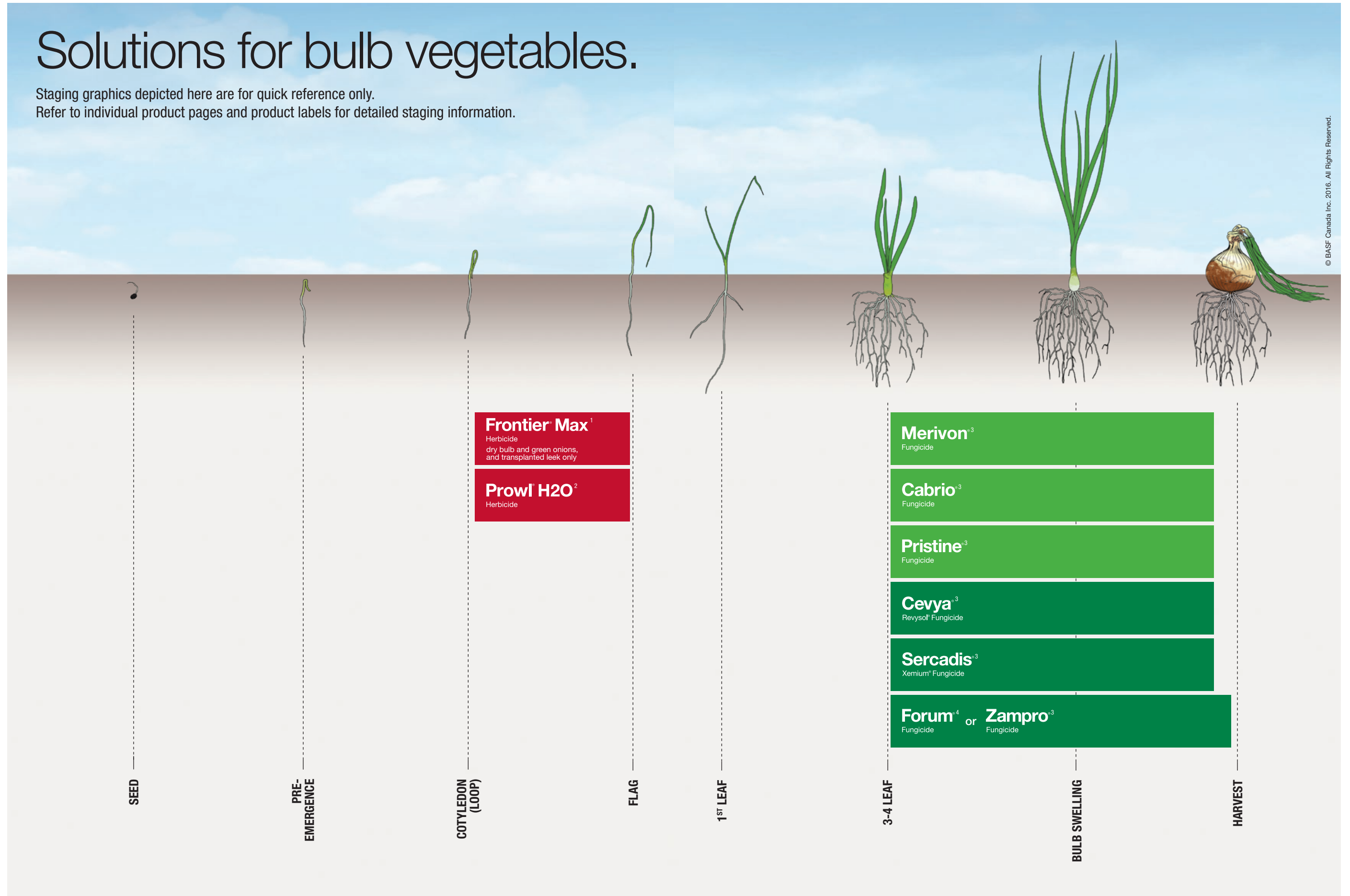
## Insect solutions for brassica vegetables.

Insect Name							
Common	Scientific	Product	Group	Rate	Rainfast	REI	PHI (days)
Cabbage aphid	<i>Brevicoryne brassicae</i>	Sefina®	9D	0.2 L/ha	1 hr	12 hrs	0
Cabbage looper	<i>Trichoplusia ni</i>	Cimegra	30	0.125 L/ha	1 hr	12 hrs	1
Diamondback moth	<i>Plutella xylostella</i>	Cimegra	30	0.125 L/ha	1 hr	12 hrs	1
Flea beetle	<i>Phyllotreta</i> spp.	Cimegra	30	0.125 L/ha	1 hr	12 hrs	1
Green peach aphid	<i>Myzus persicae</i>	Sefina	9D	0.2 L/ha	1 hr	12 hrs	0
Imported cabbageworm	<i>Pieris rapae</i>	Cimegra	30	0.125 L/ha	1 hr	12 hrs	1
Silverleaf whitefly	<i>Bemisia argentifolii</i>	Sefina	9D	0.7 – 1.0 L/ha	1 hr	12 hrs	0
Sweet potato whitefly	<i>Bemisia tabaci</i>	Sefina	9D	0.7 – 1.0 L/ha	1 hr	12 hrs	0



# Solutions for bulb vegetables.

Staging graphics depicted here are for quick reference only.  
Refer to individual product pages and product labels for detailed staging information.



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<sup>1</sup> Crop staging depicted for dry bulb and green onions. Refer to label for transplanted leek application timing.

<sup>2</sup> Crop staging depicted for dry bulb onions in muck soil in Eastern Canada. Refer to label for other bulb vegetables and application timings (dependent on crop, soil type and region).

<sup>3</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.

<sup>4</sup> To reduce the risk of the development of fungicide resistance, tank mix Forum<sup>®</sup> fungicide with other fungicides. Do not apply more than five (5) applications per season.

# Disease solutions for bulb vegetables.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Alternaria purple blotch / purple blotch / leaf blight	<i>Alternaria porri</i>	Cabrio® EG	4 x 2.27 kg	11	0.56 – 0.84	1 hr
		Cevya® (onion, garlic, chive, leek & shallot only)	2 x 4 L	3	0.3	1 hr
		Merivon®	4 x 1.62 L	7 & 11	0.4 – 0.6	1 hr
		Pristine® WG	4 x 2.83 kg	7 & 11	1.0 – 1.3	1 hr
		Sercadis®	2 x 1.35 L	7	0.250 – 0.333	1 hr
Botrytis leaf blight	<i>Botrytis spp.</i>	Merivon	4 x 1.62 L	7 & 11	0.6	1 hr
	<i>Botrytis squamosa</i>	Cevya (suppression – onion, garlic & leek only)	2 x 4 L	3	0.375	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.0 – 1.3	1 hr
		Sercadis	2 x 1.35 L	7	0.333 – 0.666	1 hr
Downy mildew	<i>Peronospora destructor</i>	Forum (suppression)	2 x 4.5 L	40	0.45	2 hrs
		Merivon (suppression)	4 x 1.62 L	7 & 11	0.6	1 hr
		Zampro®	4 x 4.14 L	40 & 45	1.0	2 hrs
Stemphylium leaf blight / stalk rot	<i>Stemphylium vesicarium</i>	Merivon (suppression)	4 x 1.62 L	7 & 11	0.4 – 0.6	1 hr
		Sercadis (suppression)	2 x 1.35 L	7	0.250 – 0.333	1 hr

## Restricted entry and pre-harvest intervals for disease solutions in bulb vegetables.

Product	REI	PHI (days)
Cabrio EG	12 hours (thinning 3 days)	7
Cevya	12 hrs	7
Forum	12 hrs	0
Merivon	12 hrs – 7 days (Refer to label)	7
Pristine WG	Once dry (thinning 3 days)	7
Sercadis	12 hrs	7
Zampro	12 hrs	0

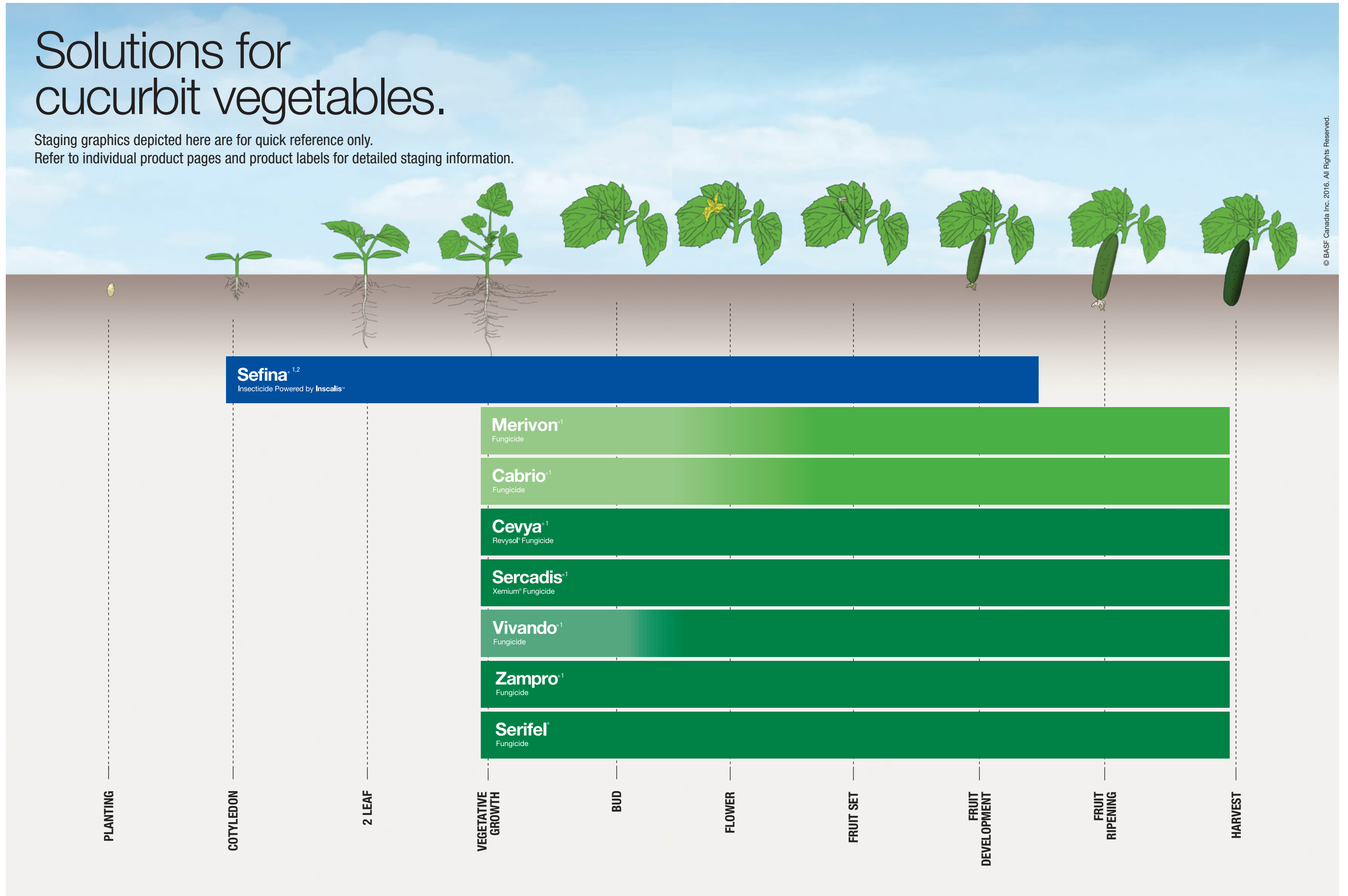
# Weed solutions for bulb vegetables.

Weed							
Type	Common Name	Product	Herbicide Group	Rate	Rainfast	REI	PHI (days)
Annual broadleaf	Common chickweed	Prowl® H2O <sup>1</sup>	3	6.6 L/ha	N/A	24 hrs	45
	Eastern black nightshade	Frontier® Max (suppression, green onion and transplanted leek in mineral soil only)	15	0.963 L/ha	N/A	24 hrs	30
	Lamb's quarters	Prowl H2O <sup>1</sup>	3	6.6 L/ha	N/A	24 hrs	45
	Redroot pigweed	Prowl H2O <sup>1</sup>					
		Frontier Max (suppression, green onion and transplanted leek only)	15	0.963 L/ha (mineral soil) 1.29 L/ha (muck soil)	N/A	24 hrs	30
Annual grasses	Barnyard grass	Prowl H2O <sup>1</sup>	3	6.6 L/ha	N/A	24 hrs	45
	Crabgrass (smooth, large)	Prowl H2O <sup>1</sup>	3	6.6 L/ha	N/A	24 hrs	45
	Foxtail (green, yellow)	Prowl H2O <sup>1</sup>	3	6.6 L/ha	N/A	24 hrs	45
Sedge	Yellow nutsedge	Frontier Max (suppression, green and dry bulb onions, and transplanted leek in muck soil only)	15	1.29 L/ha	N/A	24 hrs	60

<sup>1</sup> Dry bulb onion in muck soil in Eastern Canada only. See label for use directions and weeds listed for other registered bulb vegetables.

# Solutions for cucurbit vegetables.

Staging graphics depicted here are for quick reference only. Refer to individual product pages and product labels for detailed staging information.



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**Light Green** Darker areas reflect recommended application timing for Cabrio® EG and Merivon® fungicides.

**Dark Green** Darker areas reflect recommended application timing for Vivando® SC fungicide.

<sup>1</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.  
<sup>2</sup> Application during the crop blooming period may be made only in the evening when most bees are not foraging.

# Disease solutions for cucurbit vegetables.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Alternaria blight	<i>Alternaria cucumerina</i>	Cabrio EG	4 x 2.27 kg	11	0.56 – 0.84	1 hr
		Cevya® (suppression)	2 x 4 L	3	0.25 – 0.375	1 hr
		Merivon	4 x 1.62 L	7 & 11	0.4	1 hr
		Pristine® WG	4 x 2.83 kg	7 & 11	1.3	1 hr
Anthracnose	<i>Colletotrichum orbiculare</i>	Cabrio EG	4 x 2.27 kg	11	0.56 – 0.84	1 hr
		Merivon	4 x 1.62 L	7 & 11	0.4	1 hr
Downy mildew	<i>Pseudoperonospora cubensis</i>	Merivon (suppression)	4 x 1.62 L	7 & 11	0.4	1 hr
		Serifel® (partial suppression – cucumber only)	4 x 2 kg	BM02	0.25 – 0.5	3 hrs
		Zampro®	4 x 4.14 L	40 & 45	0.8 – 1.0	2 hrs
Gummy stem blight	<i>Didymella bryoniae</i>	Cabrio EG	4 x 2.27 kg	11	0.84	1 hr
		Cevya	2 x 4 L	3	0.25 – 0.375	1 hr
		Merivon (suppression)	4 x 1.62 L	7 & 11	0.4	1 hr
		Pristine WG	4 x 2.83 kg	7 & 11	1.3	1 hr
		Sercadis® (suppression)	2 x 1.35 L	7	0.333	1 hr
Phytophthora blight	<i>Phytophthora capsici</i>	Zampro	4 x 4.14 L	40 & 45	1.0	2 hrs
Powdery mildew	<i>Sphaerotheca fuliginea</i>	Cabrio EG	4 x 2.27 kg	11	0.56 – 0.84	1 hr
	<i>Podosphaera xanthii</i> [syn. <i>Sphaerotheca fuliginea</i> ], <i>Erysiphe cichoracearum</i>	Merivon	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
	<i>Podosphaera xanthii</i>	Pristine WG	4 x 2.83 kg	7 & 11	0.9 – 1.3	1 hr
	<i>Podosphaera xanthii</i> , <i>Sphaerotheca fuliginea</i> , <i>Golovinomyces cichoracearum</i>	Cevya	2 x 4 L	3	0.25 – 0.375	1 hr
	<i>Podosphaera</i> spp., <i>Sphaerotheca</i> spp., <i>Erysiphe</i> spp.	Sercadis	2 x 1.35 L	7	0.250 – 0.333	1 hr
	<i>Sphaerotheca fuliginea</i> [syn. <i>Podosphaera xanthii</i> ]	Serifel (partial suppression)	4 x 2 kg	BM02	0.25 – 0.5	3 hrs
	<i>Podosphaera leucotricha</i>	Vivando SC	4 x 3.78 L	50	0.75 – 1.12	1 hr

## Restricted entry and pre-harvest intervals for disease solutions in cucurbit vegetables.

Product	REI	PHI (days)
Cabrio EG	12 hrs – 3 days (Refer to label)	3
Cevya	12 hrs	0
Merivon	12 hrs – 3 days (Refer to label)	12 hrs – 3 days (Refer to label)
Pristine WG	12 hrs – 3 days (Refer to label)	0 – 3
Sercadis	12 hrs	0
Serifel	4 hrs	0
Vivando SC	12 hrs	0
Zampro	12 hrs	1

# Insect solutions for cucurbit vegetables.

Insect Name		Product	Group	Rate	Rainfast	REI	PHI (days)
Common	Scientific						
Green peach aphid	<i>Myzus persicae</i>	Sefina®	9D	0.2 L/ha	1 hr	12 hrs	0
Melon aphid	<i>Aphis gossypii</i>	Sefina	9D	0.2 L/ha	1 hr	12 hrs	0
Silverleaf whitefly	<i>Bemisia argentifolii</i>	Sefina	9D	0.7 – 1.0 L/ha	1 hr	12 hrs	0
Sweet potato whitefly	<i>Bemisia tabaci</i>	Sefina	9D	0.7 – 1.0 L/ha	1 hr	12 hrs	0

Berries

Grapes

Pome  
fruitsStone  
fruits

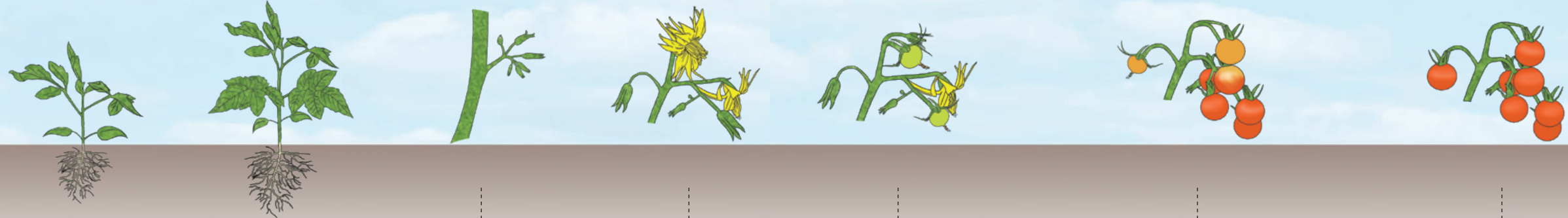
Strawberries

Potatoes

Brassica  
vegetablesBulb  
vegetablesCucurbit  
vegetablesFruiting  
vegetablesLeafy  
vegetablesRoot  
vegetablesAdditional  
resources

# Solutions for fruiting vegetables.

Staging graphics depicted here are for quick reference only. Refer to individual product pages and product labels for detailed staging information.



**Prowl H2O**  
Herbicide  
transplanted tomatoes  
in mineral soil only

**Cimegra<sup>1,2</sup>**  
Insecticide

**Sefina<sup>3</sup>**  
Insecticide Powered by Inscalis<sup>®</sup>

**Nealta<sup>3</sup>** tomatoes only  
Miticide

**Cabrio<sup>3</sup>**  
Fungicide

**Cevya<sup>3</sup>**  
Revysol<sup>®</sup> Fungicide

**Serifel<sup>1</sup>**  
Fungicide

**Sercadis<sup>3</sup>**  
Xemium<sup>®</sup> Fungicide

**Forum<sup>4</sup>** plus protectant or **Zampro<sup>3</sup>**  
Fungicide

**Cimegra<sup>1</sup>**  
Insecticide

TRANSPLANT

VEGETATIVE  
GROWTH

BUD

FLOWERING

FRUIT SET

FRUIT  
RIPENING

HARVEST

Darker areas reflect recommended application timing for Cabrio<sup>®</sup> EG fungicide.

<sup>1</sup> Toxic to bees. DO NOT apply during the crop blooming period.

<sup>2</sup> Maximum residue levels (MRLs) have not yet been established in key export markets, including the USA, to support foliar application to fruiting vegetables.

<sup>3</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.

<sup>4</sup> To reduce the risk of the development of fungicide resistance, tank mix Forum<sup>®</sup> fungicide with other fungicides. Do not apply more than five (5) applications per season.

# Disease solutions for fruiting vegetables.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Anthracnose	<i>Colletotrichum coccodes</i>	Cabrio EG	4 x 2.27 kg	11	0.56 – 0.84	1 hr
		Cevya® (except okra)	2 x 4 L	3	0.25 – 0.375	1 hr
Black mold	<i>Alternaria alternata</i>	Sercadis®	2 x 1.35 L	7	0.333	1 hr
		Cevya (suppression – eggplant, ground cherry, okra, pepper, tomato & tomatillo only)	2 x 4 L	3	0.25 – 0.375	1 hr
Botrytis grey mold	<i>Botrytis cinerea</i>	Serifel® (suppression)	4 x 2 kg	BM02	0.25 – 0.5 (for peppers) 0.25 – 1.0 (for tomatoes)	3 hrs
Early blight	<i>Alternaria solani</i>	Cabrio EG	4 x 2.27 kg	11	0.56 – 0.84	1 hr
		Cevya (except okra)	2 x 4 L	3	0.25 – 0.375	1 hr
		Sercadis	2 x 1.35 L	7	0.167 – 0.333	1 hr
		Serifel (tomato only)	4 x 2 kg	BM02	0.25 – 0.5	3 hr
Late blight	<i>Phytophthora infestans</i>	Cabrio EG	4 x 2.27 kg	11	0.56 – 1.0	1 hr
		Forum	2 x 4.5 L	40	0.45	2 hrs
		Zampro®	4 x 4.14 L	40 & 45	1.0	2 hrs
Phytophthora blight	<i>Phytophthora capsici</i>	Forum (suppression – pepper only)	2 x 4.5 L	40	0.45	2 hrs
		Zampro (suppression)	4 x 4.14 L	40 & 45	1.0	2 hrs
Powdery mildew	<i>Oidium neolyopersici</i>	Cevya (eggplant, pepper & tomato only)	2 x 4 L	3	0.25 – 0.375	1 hr
	<i>Leveillula taurica</i>	Serifel (suppression – peppers only)	4 x 2 kg	BM02	0.5	3 hrs
	<i>Leveillula taurica, Oidium neolyopersici, Erysiphe polyphaga</i>	Vivando® SC	4 x 3.78 L	50	0.75 – 1.12	1 hr
Septoria leaf spot	<i>Septoria lycopersici</i>	Cabrio EG (field tomato only)	4 x 2.27 kg	11	0.56 – 0.84	1 hr

## Restricted entry and pre-harvest intervals for disease solutions in fruiting vegetables.

Product	REI	PHI (days)
Cabrio EG	12 hrs	0
Cevya	12 hrs	0
Forum	12 hrs	0
Sercadis	12 hrs	7
Serifel	4 hrs	0
Vivando SC	12 hrs	7
Zampro	12 hrs	4



## Insect solutions for fruiting vegetables.

Insect Name							
Common	Scientific	Product	Group	Rate	Rainfast	REI	PHI (days)
Colorado potato beetle	<i>Leptinotarsa decemlineata</i>	Cimegra®	30	0.125 – 0.1875 L/ha	1 hr	12 hrs	1
Green peach aphid	<i>Myzus persicae</i>	Sefina®	9D	0.2 L/ha	1 hr	12 hrs	0
Potato aphid	<i>Macrosiphum euphoribae</i>	Sefina	9D	0.2 L/ha	1 hr	12 hrs	0
Silverleaf whitefly	<i>Bemisia argentifolii</i>	Sefina	9D	0.7 – 1.0 L/ha	1 hr	12 hrs	0
Sweet potato whitefly	<i>Bemisia tabaci</i>	Sefina	9D	0.7 – 1.0 L/ha	1 hr	12 hrs	0
Tobacco hornworm	<i>Manduca sexta</i>	Cimegra	30	0.125 L/ha	1 hr	12 hrs	1
Tomato hornworm	<i>Manduca quinquemaculata</i>	Cimegra	30	0.125 L/ha	1 hr	12 hrs	1
Two-spotted spider mite	<i>Tetranychus urticae</i> Koch	Nealta® (tomato only)	25	1.0 L/ha	1 hr	12 hrs	3

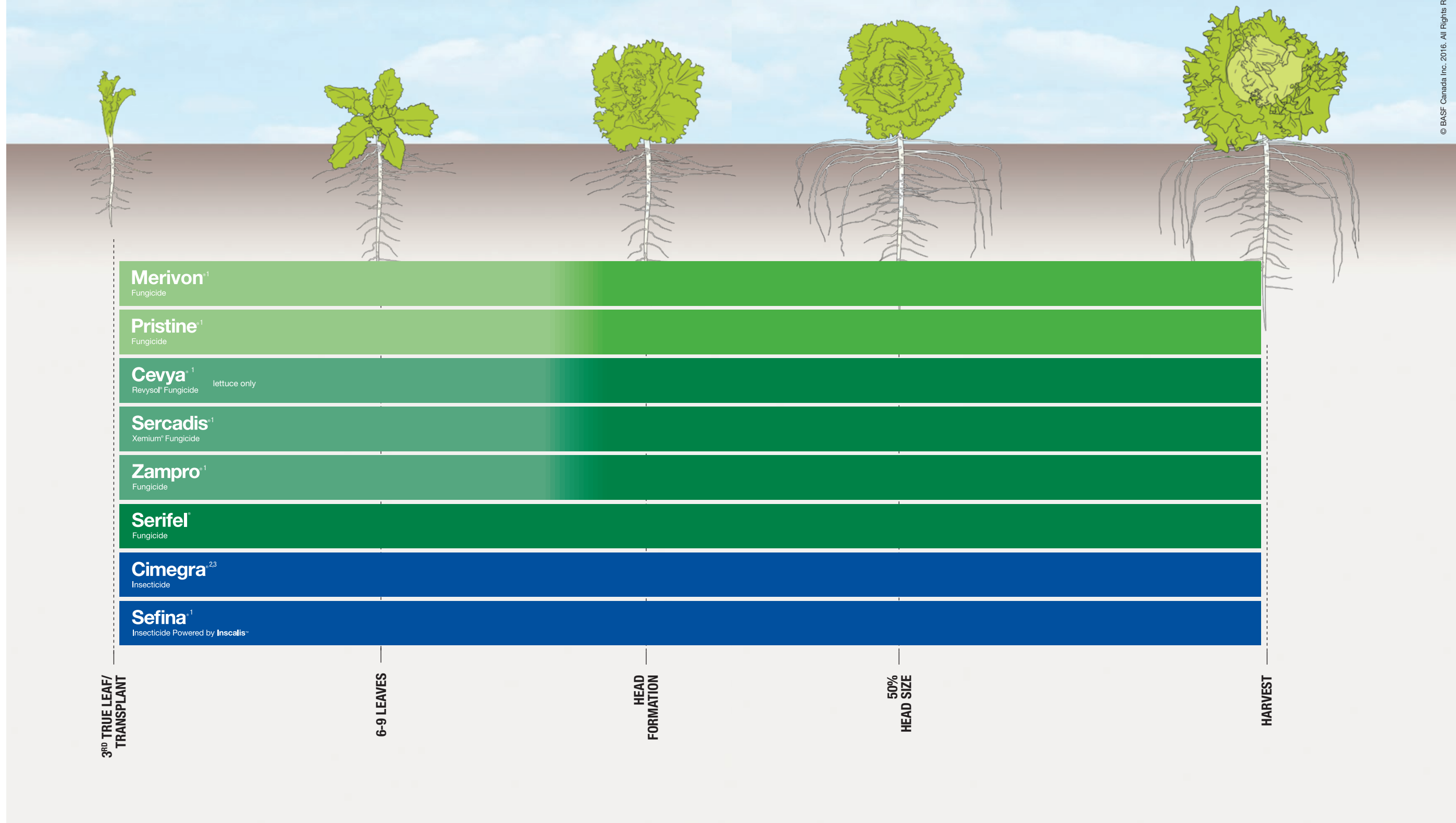
## Weed solutions for fruiting vegetables.

Weed							
Type	Common Name	Product	Herbicide Group	Rate	Rainfast	REI	PHI (days)
Annual broadleaf	Redroot pigweed	Prowl® H20 <sup>1</sup> (suppression)	3	2.2 L/ha	N/A	24 hrs	21
	Lamb's quarters	Prowl H20 <sup>1</sup> (suppression)	3	2.2 L/ha	N/A	24 hrs	21
Annual grasses	Foxtail (green)	Prowl H20 <sup>1</sup>	3	2.2 L/ha	N/A	24 hrs	21

<sup>1</sup> Transplanted tomato in mineral soil only.

# Solutions for leafy vegetables.

Staging graphics depicted here are for quick reference only.  
Refer to individual product pages and product labels for detailed staging information.



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Darker areas reflect recommended application timing for Merivon<sup>®</sup> and Pristine<sup>®</sup> WG fungicides.

Darker areas reflect recommended application timing for Cevya<sup>®</sup>, Sercadis<sup>®</sup> and Zampro<sup>®</sup> fungicides.

<sup>1</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.  
<sup>2</sup> Toxic to bees. DO NOT apply during the crop blooming period.  
<sup>3</sup> Maximum residue levels (MRLs) have not yet been established in key export markets, including the USA, to support foliar application to leafy vegetables.

# Disease solutions for leafy vegetables.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Botrytis grey mold	<i>Botrytis cinerea</i>	Serifel® (suppression – lettuce only)	4 x 2 kg	BM02	0.25 – 1.0	3 hrs
Downy mildew	<i>Peronospora farinosa</i> f.sp. <i>spinaciae</i>	Pristine WG (suppression – spinach only)	4 x 2.83 kg	7 & 11	1.6	1 hr
	<i>Bremia lactuacae</i>	Serifel (partial suppression – lettuce only)	4 x 2 kg	BM02	0.25 – 1.0	3 hrs
	<i>Bremia lactuacae</i> <i>Peronospora</i> spp.	Zampro*	4 x 4.14 L	40 & 45	1.0	2 hrs
Early leaf blight	<i>Cercospora apii</i>	Pristine WG (suppression – celery only)	4 x 2.83 kg	7 & 11	1.0	1 hr
Late leaf blight	<i>Septoria apiicola</i>	Pristine WG (suppression – celery only)	4 x 2.83 kg	7 & 11	1.0	1 hr
Powdery mildew	<i>Golovinomyces cichoracearum</i>	Cevya (lettuce only)	2 x 4 L	3	0.25 – 0.375	1 hr
	<i>Erysiphe cichoracearum</i>	Merivon (lettuce, endive, garland Chrysanthemum and red chicory only)	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
Sclerotinia white mold, Sclerotinia leaf drop	<i>Sclerotinia</i> spp.	Pristine** WG (suppression)	4 x 2.83 kg	7 & 11	1.0 – 1.3	1 hr
	<i>Sclerotinia minor</i> , <i>S. sclerotiorum</i>	Merivon (suppression)	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Sercadis (suppression)	2 x 1.35 L	7	0.250 – 0.333	1 hr
	<i>Sclerotinia sclerotiorum</i>	Serifel (partial suppression – lettuce only)	4 x 2 kg	BM02	0.3 – 1.0	3 hrs

\* Zampro may be applied to celutuce, cress (upland), endive, lettuce (head and leaf), radicchio (red chicory) and spinach only.

\*\* Pristine may be applied to Cardoon, celery, Chinese celery, Florence fennel, lettuce, rhubarb, spinach and swiss chard only.

## Restricted entry and pre-harvest intervals for disease solutions in leafy vegetables.

Product	REI	PHI (days)
Cevya	12 hrs	0
Merivon	12 hrs – 9 days (Refer to label)	1 day – 9 days (Refer to label)
Pristine WG	24 hrs – 9 days (Refer to label)	0
Sercadis	12 hrs	1
Serifel	4 hrs	0
Zampro	12 hrs	0

# Insect solutions for leafy vegetables.

Insect Name		Product	Group	Rate	Rainfast	REI	PHI (days)
Common	Scientific						
Cabbage looper	<i>Trichoplusia ni</i>	Cimegra®	30	0.125 L/ha	1 hr	12 hrs	1
Diamondback moth	<i>Plutella xylostella</i>	Cimegra	30	0.125 L/ha	1 hr	12 hrs	1
Flea beetle	<i>Phyllotreta spp.</i>	Cimegra	30	0.125 L/ha	1 hr	12 hrs	1
Green peach aphid	<i>Myzus persicae</i>	Sefina®	9D	0.2 L/ha	1 hr	12 hrs	0
Imported cabbageworm	<i>Pieris rapae</i>	Cimegra	30	0.125 L/ha	1 hr	12 hrs	1
Lettuce aphid	<i>Nasonovia ribis-nigri</i>	Sefina	9D	0.2 L/ha	1 hr	12 hrs	0
Potato aphid	<i>Macrosiphum euphoribae</i>	Sefina	9D	0.2 L/ha	1 hr	12 hrs	0
Red-headed flea beetle	<i>Systema frontalis</i>	Cimegra	30	0.125 L/ha	1 hr	12 hrs	1
Silverleaf whitefly	<i>Bemisia argentifolii</i>	Sefina	9D	0.7 – 1.0 L/ha	1 hr	12 hrs	0
Sweet potato whitefly	<i>Bemisia tabaci</i>	Sefina	9D	0.7 – 1.0 L/ha	1 hr	12 hrs	0

Berries

Grapes

Pome  
fruitsStone  
fruits

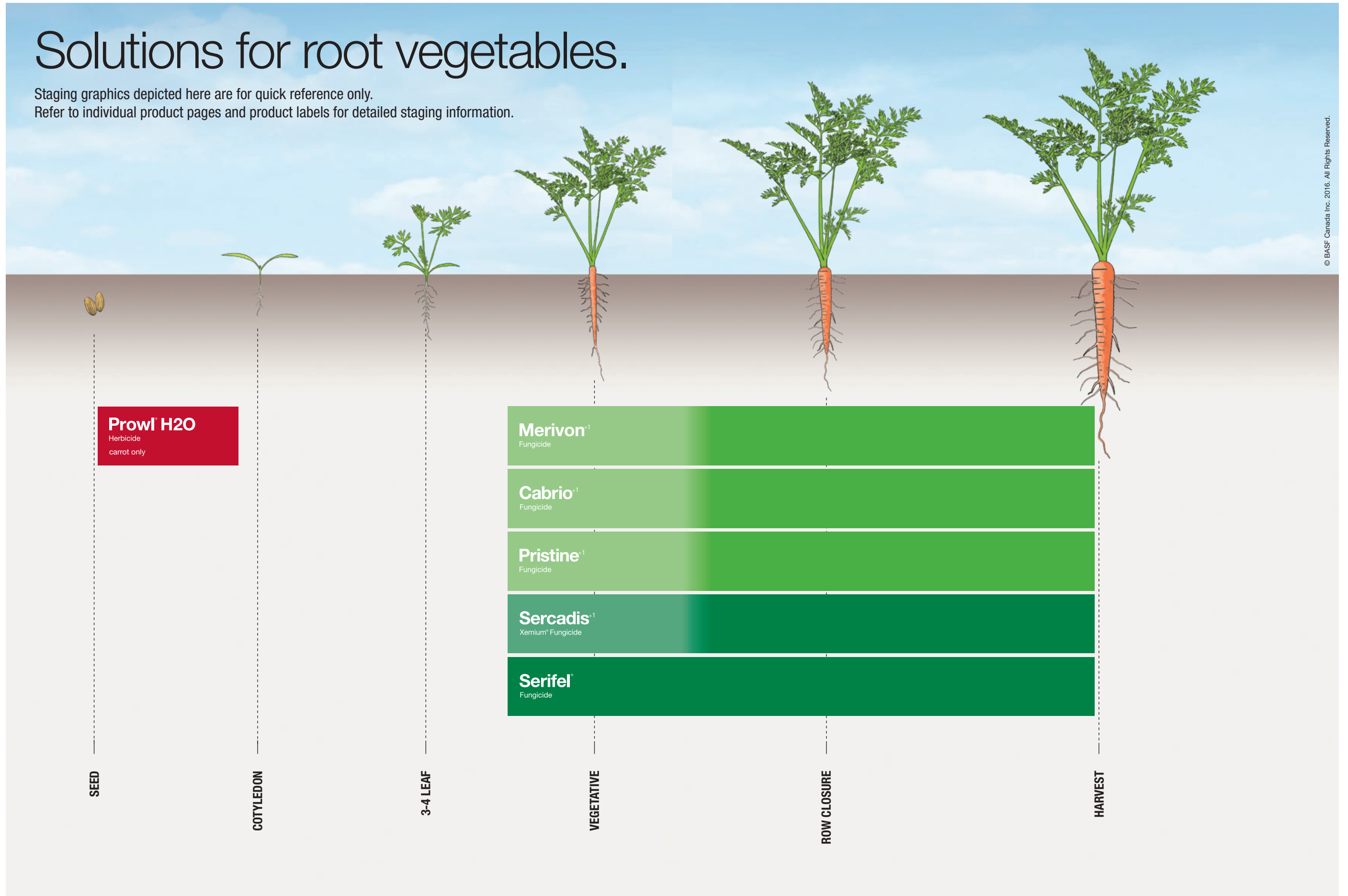
Strawberries

Potatoes

Brassica  
vegetablesBulb  
vegetablesCucurbit  
vegetablesFruiting  
vegetablesLeafy  
vegetablesRoot  
vegetablesAdditional  
resources

# Solutions for root vegetables.

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Refer to individual product pages and product labels for detailed staging information.



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Darker areas reflect recommended application timing for Cabrio<sup>®</sup> EG, Merivon<sup>®</sup> and Pristine<sup>®</sup> WG fungicides.

Darker areas reflect recommended application timing for Sercadis<sup>®</sup> fungicide.

<sup>1</sup> Do not exceed the total number of sequential applications or total number of applications per season as stated in the product label.

# Disease solutions for root vegetables.

Disease Name						
Common	Scientific	Product	Pack Size	Fungicide Group	Rate (kg or L/ha)	Rainfast
Alternaria leaf blight / spot	<i>Alternaria</i> spp.	Cabrio EG	4 x 2.27 kg	11	0.56 – 1.1	1 hr
		Sercadis* (not including sugar beet)	2 x 1.35 L	7	0.250 – 0.333	1 hr
	<i>Alternaria dauci</i>	Merivon (not including sugar beet)	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Pristine WG (carrot only)	4 x 2.83 kg	7 & 11	0.58 – 0.735	1 hr
		Serifel® (partial suppression – carrot only)	4 x 2 kg	BM02	0.25 – 0.5	3 hrs
Cercospora leaf blight / leaf spot	<i>Cercospora</i> spp.	Cabrio EG	4 x 2.27 kg	11	0.56 – 0.84	1 hr
		Merivon (not including sugar beet)	4 x 1.62 L	7 & 11	0.4	1 hr
	<i>Cercospora beticola</i>	Serifel (sugar beet only)	4 x 2 kg	BM02	0.28 – 0.5	3 hrs
Late blight	<i>Septoria apicola</i>	Pristine WG (celeriac only)	4 x 2.83 kg	7 & 11	0.735	1 hr
Powdery mildew	<i>Erysiphe</i> spp.	Cabrio EG	4 x 2.27 kg	11	0.56 – 0.84	1 hr
		Merivon (not including sugar beet)	4 x 1.62 L	7 & 11	0.3 – 0.4	1 hr
		Sercadis (not including sugar beet)	2 x 1.35 L	7	0.250 – 0.333	1 hr
	<i>Erysiphe heraclei</i>	Serifel (partial suppression – carrot only)	4 x 2 kg	BM02	0.5	3 hrs

\*Suppression only in horseradish, radish, oriental radish, rutabaga and turnip.

## Restricted entry and pre-harvest intervals for disease solutions in root vegetables.

Product	REI	PHI (days)
Cabrio EG	12 hrs – 3 days (Refer to label)	3
Merivon	12 hrs – 7 days (Refer to label)	7
Pristine WG	Once dry – 3 days (Refer to label)	0
Sercadis	12 hrs	7
Serifel	4 hrs	0

# Weed solutions for root vegetables.

Weed							
Type	Common Name	Product	Herbicide Group	Rate	Rainfast	REI	PHI (days)
Annual broadleaf	Lamb's quarters	Prowl® H2O (carrot only)	3	3.7 L/ha (mineral soil) 6.6 L/ha (muck soil)	N/A	24 hrs	90
	Pigweed	Prowl H2O (carrot only)	3	6.6 L/ha	N/A	24 hrs	90
	Redroot pigweed	Prowl H2O (suppression – carrot only)	3	3.7 L/ha	N/A	24 hrs	90
Annual grasses	Barnyard grass	Prowl H2O (carrot only)	3	3.7 L/ha (mineral soil) 6.6 L/ha (muck soil)	N/A	24 hrs	90
	Crabgrass (large & smooth)	Prowl H2O (carrot only)	3	3.7 L/ha (mineral soil) 6.6 L/ha (muck soil)	N/A	24 hrs	90
	Fall panicum	Prowl H2O (carrot only)	3	3.7 L/ha	N/A	24 hrs	90
	Foxtail (green, yellow)*	Prowl H2O (carrot only)	3	3.7 L/ha (mineral soil) 6.6 L/ha (muck soil)	N/A	24 hrs	90

\* For yellow foxtail, use on muck soil only.

# General tank-mix order guidelines.

The order of mixing is important to ensure tank-mix compatibility. If the product labels do not specify a specific mixing order, the acronym **WAMLEGS** is often an effective guide. BASF always recommends that the applicator conduct a jar test prior to mixing to ensure compatibility. We also recommend the treatment of a small area before treating the entire crop.

## Always read and follow the label for products before mixing.

Start by filling the spray tank half-full with water and start agitation.



### Wettable powders and dry flowables

DF, DG, DS, F, Gr, SG or SP formulations

Apogee® plant growth regulator, Cabrio® EG, Cantus® WDG, Kumulus® DF, Pristine® WG, Serifel® and Sovran® fungicides



### Agitate until dry products completely dissolve, add anti-foaming compounds or buffers



### Microcapsule suspension

ME formulations

Prowl® H2O herbicide



### Liquid and solubles

SN, SC, Li, Su formulations

Ignite® and Zidua® SC herbicides, Cevya®, Forum®, Merivon®, Sercadis®, Veltyma®, Vivando® SC and Zampro® fungicides, Cimegra® and Titan® insecticides



### Emulsifiable concentrates

EC formulations

Frontier® Max herbicide, Headline® fungicide, Sefina® insecticide



### High-load Glyphosate

(high load, containing adjuvant)



### Surfactants

Continue agitation while filling the remainder of the spray tank. After use, clean the spray tank according to product label recommendations.

Contact **AgSolutions**® Customer Care at 1-877-371-BASF (2273) or your local BASF **AgSolutions** Horticulture Representative for more information on tank mixes.



# Products by Crop

Product	Berries	Grapes	Pome Fruit	Stone Fruit	Strawberries	Brassica Vegetables	Bulb Vegetables	Cucurbit Vegetables	Fruiting Vegetables	Leafy Vegetables	Potatoes	Root Vegetables
<b>Herbicides</b>						<b>Herbicides</b>						
Frontier® Max herbicide		x				Transplanted cabbage only	Dry bulb & green onion, & transplanted leek only				x	
Ignite® herbicide	x	x	x	x	x						x	
Poast® Ultra herbicide	x		x	x	x	x	x	x	x	x	x	x
Prowl® H2O herbicide			Apple, crabapple & pear only	See label for specific crops		Broccoli, cabbage & cauliflower only	See label for specific crops		Transplanted tomatoes only			Carrot only
Zidua® SC herbicide											x	
<b>Insecticides</b>						<b>Insecticides</b>						
Cimegra® insecticide						x			x	x	x	
Nealta® miticide		x	x	x	x				Tomatoes only			
Sefina® insecticide			x	x		x		x	x	x	x	
Titan® insecticide											x	
<b>Plant Growth Regulators</b>						<b>Plant Growth Regulators</b>						
Apogee® plant growth regulator			Apples only	Cherries only	x							
<b>Fungicides</b>						<b>Fungicides</b>						
Cabrio® EG fungicide	x			x	x		x	x	x			x
Cantus® WDG fungicide	x	x		x	x		x	x	x	Lettuce only	x	Carrot only
Cevya® fungicide	x	x	x	x	x		x	x	x	Lettuce only	x	
Forum® fungicide						x	x		x		x	
Headline® EC fungicide											x	
Kumulus® DF fungicide	Saskatoon berries only	x	x	Cherries, nectarines, peaches & plums only								
Merivon® fungicide	x	x	x	x			x	x		x		x
Pristine® WG fungicide	x	x	x	x	x	x	x	x		x		x
Sercadis® fungicide	x	x	x		x	x	x		x	x	x	x
Serifel® fungicide	x	x			x			x	Peppers & tomatoes only	Lettuce only	x	Carrot & sugar beet only
Sovran® fungicide		x	Apples & pears only									
Veltyma® fungicide											x	
Vivando® SC fungicide		x		x				x	x			
Zampro® fungicide		x				x	x		x	x	x	

# Quick Reference

Product	Group	PCP Registration Number	Pack Size
<b>Herbicides</b>			
Frontier® Max herbicide	15	29194	2 x 9 L case
Ignite® herbicide	10	28532	2 x 10 L case 1 x 100 L drum
Poast® Ultra herbicide	1	24835	2 x 7.7 L case
Prowl® H2O herbicide	3	29542	2 x 8.9 L case
Zidua® SC herbicide	15	32542	2 x 4.05 L case
<b>Insecticides</b>			
Cimegra® insecticide	30	33666	2 x 3 L case
Nealta® miticide	25	31284	4 x 4 L case
Sefina® insecticide	9D	33265	2 x 3.24 L case
Titan® insecticide	4	27449	2 x 3 L case
<b>Plant Growth Regulators</b>			
Apogee® plant growth regulator	N/A	28042	4 x 2.27 kg case
<b>Fungicides</b>			
Cabrio® EG fungicide	11	27323	4 x 2.27 kg case
Cantus® WDG fungicide	7	30141	4 x 2.83 kg case
Cevya® fungicide	3	33405	2 x 4 L case
Forum® fungicide	40	32026	2 x 4.5 L case
Headline® EC fungicide	11	27322	2 x 6.5 L case
Kumulus® DF fungicide	M	18836	25 kg bag
Merivon® fungicide	7 & 11	33951	4 x 1.62 L case
Pristine® WG fungicide	7 & 11	27985	4 x 2.83 kg case
Sercadis® fungicide	7	31697	2 x 1.35 L case
Serifel® fungicide	BM02	30054	4 x 2 kg case
Sovran® fungicide	11	26257	10 x 0.5 kg case
Veltyma® fungicide	3 & 11	34166	2 x 8.1 L case
Vivando® SC fungicide	50	29765	4 x 3.78 L case
Zampro® fungicide	40 & 45	30321	4 x 4.14 L case

Berries

Grapes

Pome  
fruitsStone  
fruits

Strawberries

Potatoes

Brassica  
vegetablesBulb  
vegetablesCucurbit  
vegetablesFruiting  
vegetablesLeafy  
vegetablesRoot  
vegetablesAdditional  
resources

Welcome back to the  
**BASF Ag Rewards**

2024 HORTICULTURE  
 GROWER PROGRAM

**Offer period:**  
 October 1, 2023 –  
 September 30, 2024

	1 Segment		2 Segment	3 Segment	4 Segment
To be eligible for the Baseline and Bonus Rewards, growers must purchase at least \$5,000 in BASF Crop Protection Products. Purchases must include products from at least two segments, with a minimum of 1 unit (bag or jug) from each segment.	Ignite <sup>®</sup> herbicide	Frontier <sup>®</sup> Max and Prowl <sup>®</sup> H2O herbicides	Nealta <sup>®</sup> miticide, Sefina <sup>®</sup> and Versys <sup>®</sup> insecticides, Apogee <sup>®</sup> plant growth regulator and Kumulus <sup>®</sup> DF fungicide	Cabrio <sup>®</sup> , Cevya <sup>®</sup> , Pristine <sup>®</sup> , Serifel <sup>®</sup> and Vivando <sup>®</sup> fungicides	Cantus <sup>®</sup> , Forum <sup>®</sup> , Merivon <sup>®</sup> , Sercadis <sup>®</sup> , and Zampro <sup>®</sup> fungicides

Baseline Rewards	Purchase from 4 Segments	8%	8%	8%	8%	8%
	Purchase from 3 Segments	5%	5%	5%	5%	5%
	Purchase from 2 Segments	3%	3%	3%	3%	3%

Bonus Rewards	Ignite Bonus: Purchase a minimum of 2 cases of Ignite.	10%				
	Fungicide Bonus: Purchase a minimum of 12 jugs from segments 3 and/or 4.				2%	2%

MAXIMUM TOTAL SAVINGS	18%	8%	8%	10%	10%
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**ELITE BONUS**  
 Purchase \$100,000 or more of BASF Crop Protection Products and receive an additional 1% reward

Additional resources  
 Root vegetables  
 Leafy vegetables  
 Fruiting vegetables  
 Cucurbit vegetables  
 Bulb vegetables  
 Brassica vegetables  
 Potatoes  
 Strawberries  
 Stone fruits  
 Pome fruits  
 Grapes  
 Berries

# BASF AG REWARDS

## 2024 HORTICULTURE GROWER PROGRAM - OFFICIAL TERMS AND CONDITIONS

- Offer Period:** The 2024 Grower Rewards Program (Horticulture) (the "Offer") is administered by BASF Canada Inc. o/a BASF Canada ("BASF") and begins on October 1, 2023 at 7:00 a.m. Eastern Time ("ET") and ends on September 30, 2024 at 11:59 p.m. ET (the "Offer Period").
- Eligibility:** The Offer is open to Canadian growers who: (i) reside in British Columbia, Alberta, Manitoba, Saskatchewan, Ontario, New Brunswick, Nova Scotia, Newfoundland and Labrador and Prince Edward Island (each, an "Eligible Territory"); (ii) are the owner, operator or designated representative of a farm located in an Eligible Territory (the "Farm"); and (iii) have reached the legal age of majority in their province of residence (each, an "Eligible Participant"). These Official Terms and Conditions (the "Terms") govern this Offer and must be followed by all Eligible Participants at all times. By agreeing to participate in the Offer, each Eligible Participant is signifying his/her agreement to unconditionally comply with, and be legally bound by, these Terms. This Offer is not available to buying groups, relationship groups (including but not limited to any BASF reward group) or any individual or entity other than an Eligible Participant as defined above.

Note: BASF will grandfather in any buying group that existed prior to October 1, 2020. BASF will consider family relationships going forward if the family relationship is a direct family relationship: immediate family member (spouse, mother, stepmother, father, step father, grandparent, step grandparent, sister, half-sister, step sister, brother, half-brother, step brother or children, step children, grandchildren, step grandchildren).

- How to Qualify for the Offer:** To qualify for the Offer, an Eligible Participant must fully comply with these Terms (as determined by BASF in its sole and absolute discretion) and must, during the Offer Period, make purchases from an authorized Canadian retailer located in the Eligible Territory that consists of \$5,000 CAD or more (exclusive of fees and taxes, calculated using the Suggested Retail Price ("SRP"), of the following BASF Products (the "BASF Product(s)"):
  - Fungicides:** Cabrio®, Cantus®, Cevya®, Forum®, Kumulus® DF, Merivon®, Pristine®, Sercadis®, Serifel®, Vivando®, and Zampro®
  - Herbicides:** Frontier® Max, Ignite®, Prowl® H2O
  - Insecticides/Miticides:** Nealta®, Sefina®, Versys®
  - Plant Growth Regulators:** Apogee®

For information on the SRP of the BASF Products listed in these Terms, please contact your authorized retailer located in an Eligible Territory. To confirm whether a retailer is an authorized retailer of BASF products, please call us toll-free at 1-877-371-BASF (2273).

All decisions regarding whether or not an Eligible Participant has qualified for the Offer will be made by BASF in its sole and absolute discretion and shall be considered to be final and binding without right of appeal. Additionally, Eligible Participants must earn a minimum Total Reward (as defined by Section 8 below) of \$50 to qualify for the Offer.

- How to Qualify for a Baseline Reward:** To be eligible to earn a baseline reward (a "Baseline Reward"), an Eligible Participant must (i) qualify for the Offer in accordance with Section 3; and (ii) purchase (from an authorized retailer located in an Eligible Territory) a minimum quantity of qualifying reward products (each a "Qualifying Reward Product") in any two (2) or more of the four (4) BASF segments (each, a "Segment") as set-out below. For the avoidance of any doubt: (i) there is a minimum purchase threshold of 1 unit (bag or jug) of Qualifying Reward Products per Segment; and (ii) an Eligible Participant must purchase Qualifying Reward Products from at least two (2) Segments. The percentage of the Baseline Reward that an Eligible Participant is eligible to receive off the SRP, exclusive of taxes, will be determined as follows:

(see details for minimum purchase threshold)	Segment 1		Segment 2	Segment 3	Segment 4
	Ignite® herbicide	Frontier® Max and Prowl® H2O herbicides	Apogee® plant growth regulator and Kumulus® DF fungicide, Nealta® miticide, Sefina® insecticide, Versys® insecticide	Cabrio®, Cevya®, Pristine®, Serifel® and Vivando® fungicides	Cantus®, Forum®, Merivon®, Sercadis®, and Zampro® fungicides
Purchase from four Segments	8%	8%	8%	8%	8%
Purchase from three Segments	5%	5%	5%	5%	5%
Purchase from two Segments	3%	3%	3%	3%	3%

- How to Qualify for a Bonus Reward:** An Eligible Participant who qualifies for the Offer in accordance with Section 3 and for a Baseline Reward in accordance with Section 4 may be eligible to earn one (1) or more bonus rewards (each, a "Bonus Reward"), as follows:

Bonus Reward	Requirements to Qualify: NOTE: All orders/purchases outlined herein must be made through an authorized Canadian retailer located in the Eligible Territory. All Bonus Rewards are calculated using the SRP.
Ignite Bonus	To qualify, during the Offer Period an Eligible Participant must: <ul style="list-style-type: none"> <li>Purchase a minimum of 2 cases of Ignite herbicide.</li> </ul>
Fungicide Bonus	To qualify, during the Offer Period an Eligible Participant must: <ul style="list-style-type: none"> <li>Purchase a minimum of twelve (12) jugs of BASF products from Segments 3 and/or 4.</li> </ul>

The percentage of the Bonus Reward(s), if any, that will be added to an Eligible Participant's Baseline Reward will be determined as follows:

	(see details for minimum purchase threshold)	Segment 1		Segment 2	Segment 3	Segment 4
		Ignite® herbicide	Frontier® Max and Prowl® H2O herbicides	Apogee® plant growth regulator and Kumulus® DF fungicide, Nealta® miticide, Sefina® insecticide, Versys® insecticide	Cabrio®, Cevya®, Pristine®, Serifel® and Vivando® fungicides	Cantus®, Forum®, Merivon®, Sercadis®, and Zampro® fungicides
Baseline Reward	Purchase from four Segments	8%	8%	8%	8%	8%
	Purchase from three Segments	5%	5%	5%	5%	5%
	Purchase from two Segments	3%	3%	3%	3%	3%
Bonus Rewards	Fungicide Bonus				2%	
	Ignite Bonus	10%				
	<b>Max Total Savings</b>	<b>18%</b>	<b>8%</b>	<b>8%</b>	<b>10%</b>	<b>10%</b>

By way of example only: If an Eligible Participant qualifies for the Offer in accordance with Section 3 and purchases 12 jugs of Ignite + 4 jugs of Cevya + 5 jugs of Nealta, the Eligible Participant would be eligible for:

- a Baseline Reward of 5% on Ignite;
- a Baseline Reward of 5% on Cevya;
- a Baseline Reward of 5% on Nealta; and
- a 10% Ignite Bonus.

By way of example only: If an Eligible Participant qualifies for the Offer in accordance with Section 3 and purchases 2 jugs of Cabrio + 1 jug of Nealta, the Eligible Participant would be eligible for:

- a Baseline Reward of 3% on Cabrio; and
- a Baseline Reward of 3% on Nealta.

The Eligible Participant would not qualify for a Bonus Reward.

By way of example only: If an Eligible Participant qualifies for the Offer in accordance with Section 3 and purchases 12 jugs of Ignite, the Eligible Participant would not be eligible for a Baseline Reward, nor any Bonus Reward(s).

6. **How to Qualify for an Elite Reward:** An Eligible Participant who (i) qualifies for the Offer in accordance with Section 3; (ii) qualifies for a Baseline Reward in accordance with Section 4; and (iii) makes purchases during the Offer period from an authorized retailer located in an Eligible Territory that consist of \$100,000 CAD or more (exclusive of fees and taxes) of BASF Products is eligible to earn an additional reward related to all Elite Qualifying Products (as defined below) purchased by the Eligible Participant from an authorized retailer located in an Eligible Territory during the Offer Period (the "**Elite Reward**"). The value of the Elite Reward is calculated as 1% of the SRP (exclusive of fees and taxes) of the Elite Qualifying Products purchases which qualify for the Elite Reward (the "**Elite Reward Percentage Value**"). The following are each an Elite Qualifying Product (the "**Elite Qualifying Products**"):

**a. Fungicides:** Cabrio, Cantus, Cevya, Forum, Kumulus DF, Merivon, Pristine, Sercadis, Serifel, Vivando, and Zampro

**b. Herbicides:** Frontier Max, Ignite, Prowl H2O

**c. Insecticides/Miticides:** Nealta®, Sefina®, Versys®

**d. Plant Growth Regulators:** Apogee

7. **Reward Percentage Value and Bonus Reward Calculation:** BASF will determine the reward percentage value (the "**Reward Percentage Value**") that an Eligible Participant is eligible to receive pursuant to these Terms. The Reward Percentage Values outlined in Sections 4, 5 and 6 represent the percentage that BASF will use to calculate the amount of the Baseline Reward (and, as applicable, Bonus Reward(s)) (collectively, the "**Total Reward on Qualifying Reward Products**") that an Eligible Participant is eligible to receive as a reward, exclusive of taxes, on each case of the applicable Qualifying Reward Product(s) purchased in accordance with these Terms.

8. The calculation of Total Reward on Qualifying Reward Products and the Total Reward on Elite Qualifying Products (collectively, the "**Total Reward**") will be based on SRP in the Eligible Territories multiplied by the corresponding Reward Percentage Values and Elite Reward Percentage Value for the applicable Qualifying Reward Products and Elite Qualifying Products, respectively. Retailers have complete autonomy to determine the resale pricing for the products described herein and may choose to sell such products at prices which are different from those suggested by BASF. Total Rewards will be calculated on a per acre basis, using all Qualifying Reward Products and Elite Qualifying Products purchased, including partial cases.

Prior to qualifying for the Offer, the Eligible Participant will be required to accept and agree to be legally bound by these Terms. In addition, the Eligible Participant will have the opportunity to agree to the terms and conditions contained within the BASF Grower Privacy Consent and the BASF Commercial Electronic Messages Consent (collectively, the "**Consent Forms**"). Copies of the Consent Forms can be obtained by contacting **AgSolutions**® Customer Care at 1-877-371-BASF (2273). An Eligible Participant may subsequently withdraw his/her consent to receive electronic communications at anytime without affecting their eligibility for this Offer.

If an Eligible Participant completes all of the foregoing steps in accordance with these Terms (as determined by BASF in its sole and absolute discretion), then the Eligible Participant will be eligible to qualify for the Offer and to receive a Total Reward. There is a limit of one (1) Total Reward per Farm.

9. **Products and Related Conditions:** For the purposes of the Offer, the BASF Products will have the following label rates:

Qualifying Product	Unit Size (Bag or Jug)
Apogee	2.27 kg
Cabrio	2.27 kg
Cantus	2.83 kg
Cevya	4 L
Forum	4.5 L
Frontier Max	9 L
Ignite	10 L
Ignite	100 L (Drum)
Kumulus DF	25 kg
Merivon	1.62 L

Qualifying Product	Unit Size (Bag or Jug)
Nalta	4 L
Pristine	2.83 kg
Prowl H2O	8.9 L
Sefina	3.24 L
Sercadis	1.352
Serifel	2 kg
Versys	405 ml
Vivando	3.785 L
Zampro	4.14 L

10. **Verification:** BASF reserves the right, in its sole and absolute discretion, to require proof of identity and/or eligibility (in a form acceptable to BASF): (i) for the purposes of verifying an Eligible Participant's eligibility to participate in this Offer; (ii) for the purposes of verifying the legitimacy of any Data (as defined below in Section 12b), BASF Products/Qualifying Reward Products and/or other information; and/or (iii) for any other reason BASF deems necessary, in its sole and absolute discretion, for the purposes of administering this Offer in accordance with BASF's interpretation of the letter and spirit of these Terms. Failure of an Eligible Participant to provide such proof of compliance with these Terms in writing to the complete satisfaction of BASF may result in disqualification in the sole and absolute discretion of BASF. All determinations regarding whether or not an Eligible Participant is eligible to earn a Total Reward in accordance with these Terms (and, if so, the amount of such Total Reward) will be made by BASF in its sole and absolute discretion. If it is discovered by BASF that any Eligible Participant (or any person or entity purporting to be an Eligible Participant) has attempted to use multiple names, multiple identities and/or any other means not expressly sanctioned by these Terms to participate in or disrupt this Offer, then he/she may be disqualified from the Offer in the sole and absolute discretion of BASF.
11. **Notification and Confirmation:** If an Eligible Participant has been deemed by BASF, in its sole and absolute discretion, to be eligible to qualify for the Offer and to receive a Total Reward, then the Eligible Participant may be notified by a representative of BASF. If an Eligible Participant: (i) cannot accept (or is unwilling to accept) the Total Reward for any reason; and/or (ii) is determined to be in violation of BASF's interpretation of the letter and/or spirit of these Terms (all as determined by BASF in its sole and absolute discretion); then the Total Reward shall, in the sole and absolute discretion of BASF, be forfeited in its entirety and the Eligible Participant will be disqualified from participating in the Offer.
12. **Additional Conditions:**
- This Offer does not apply to any Qualifying Reward Products and/or BASF Products that are returned for any reason whatsoever or for any and/or Qualifying Reward Products and/or BASF Products purchased for resale.
  - Retailers are required to submit customer transactional data relating to orders and purchase transactions (the "**Data**") on behalf of Eligible Participants to BASF. Offer eligibility will be determined by BASF, in its sole and absolute discretion, using this Data. All Data must be submitted by the retailer to BASF by no later than **October 9, 2024** in order for such Data to be eligible for the purposes of this Offer.
  - If an Eligible Participant who has earned a Total Reward pursuant to this Offer returns any BASF Products/Qualifying Reward Products to a retailer after September 30, 2024, then the Eligible Participant shall be required to promptly return or repay the value of the Total Reward (or the applicable portion of the Total Reward) by contacting **AgSolutions** Customer Care at 1-877-371-BASF (2273). Failure to do so will result in a deduction from the Eligible Participant's future year's program reward(s). BASF also reserves the right to seek remedies and damages to the fullest extent permitted by law.
13. **General Conditions:** Please allow a minimum of eight (8) weeks for the Total Reward to be received from the time the Data is sent to BASF by a retailer. All Data is subject to verification and will be considered void if it cannot be verified to the complete satisfaction of BASF. The Total Reward must be accepted as awarded and is not transferable or assignable. BASF reserves the right, in its sole and absolute discretion, to substitute the Total Reward or a component thereof with a reward of equal or greater retail value.
14. This Offer is subject to all applicable federal, provincial and municipal laws. This Offer is void where prohibited or restricted by law. The decisions of BASF with respect to all aspects of this Offer are final and binding on all Eligible Participants without right of appeal.
15. BASF, its parent companies, associated and affiliated companies, agent suppliers, advertising/promotion agencies and any other entity involved in the development, production, administration or fulfillment of the Offer, and each of their respective officers, directors, employees, agents, representatives, successors and assigns (collectively, the "**Released Parties**") will not be liable for: (i) any late, lost, misdirected, delayed, incomplete, incompatible or misdirected Data and/or other information (all of which is void); (ii) any failure(s), malfunction(s) or other problem(s) of any nature whatsoever; (iii) the failure of any order, purchase transaction, Data and/or other element(s) of this Offer to be received, captured or recorded for any reason whatsoever; (iv) anyone being incorrectly and/or mistakenly identified as an Eligible Participant, a Total Reward recipient or eligible Total Reward recipient; and/or (v) any combination of the above.
16. BASF reserves the right, in its sole and absolute discretion, to withdraw, suspend or amend this Offer in any way, or to amend these Terms in any way, without prior notice or obligation, in the event of: (i) any cause beyond the reasonable control of BASF that interferes with the proper conduct of this Offer as contemplated by these Terms, including, without limitation, any error, problem, tampering, unauthorized intervention, fraud or failure of any kind whatsoever; (ii) any accident, printing, administrative, or other error of any kind; and/or (iii) for any other reason that BASF deems necessary, in its sole and absolute discretion, to ensure that this Offer is conducted in accordance with BASF's interpretation of the letter and spirit of these Terms. Any attempt to undermine the legitimate operation of this Offer in any way (as determined by BASF in its sole and absolute discretion) may be a violation of criminal and civil laws and should such an attempt be made, BASF reserves the right to seek remedies and damages to the fullest extent permitted by law.
17. BASF reserves the right to require that an Eligible Participant sign BASF's form of declaration and release form prior to being confirmed as the recipient of the Total Reward.

18. By participating in this Offer and accepting the Total Reward, each Eligible Participant (i) confirms compliance with these Terms; (ii) acknowledges acceptance of the Reward (as awarded); and (iii) releases the Released Parties from any and all liability in connection with this Offer, the Eligible Participant's participation herein and/or the awarding and use/misuse of the Total Reward or any portion thereof.
19. If an Eligible Participant who is eligible to receive a Total Reward is deemed to be in violation of these Terms (as determined by BASF in its sole and absolute discretion), then the Eligible Participant may, in the sole and absolute discretion of BASF, be disqualified (and, if disqualified, will forfeit all rights to the Total Reward).
20. BASF reserves the right, in its sole and absolute discretion, to adjust any of the dates, timeframes and/or other Offer mechanics stipulated in these Terms, to the extent deemed necessary by BASF, for purposes of verifying compliance by any Eligible Participant or other information with these Terms, or as a result of any problems, or in light of any other circumstances which, in the opinion of BASF, in its sole and absolute discretion, affect the proper administration of the Offer as contemplated in these Terms, or for any other reason.
21. In the event of any discrepancy or inconsistency between the terms and conditions of these Terms and disclosures or other statements contained in any Offer-related materials and/or any instructions or interpretations of these Terms given by any representative of BASF, the terms and conditions of these Terms shall prevail, govern and control to the fullest extent permitted by law.
22. By participating in this Offer, each Eligible Participant expressly consents to BASF, its agents and/or representatives, storing, collecting, sharing and using any personal information submitted for the purpose of administering the Offer, managing, fulfilling and improving the Offer and in accordance with BASF's privacy policy (<https://www.basf.com/en/tools/legal/data-protection.html>). This section does not limit any other consent(s) that an individual may provide to BASF or others in relation to the collection, use and/or disclosure of their personal information.
23. BASF reserves the right, in its sole and absolute discretion, to take whatever measures or actions it deems necessary to help ensure that the Offer is administered in accordance with BASF's interpretation of the letter and spirit of these Terms. **ANY INDIVIDUAL OR ENTITY DEEMED BY BASF AT ANY TIME TO BE IN VIOLATION OF BASF'S INTERPRETATION OF THE LETTER AND/OR SPIRIT OF THESE TERMS FOR ANY REASON WHATSOEVER IS SUBJECT TO DISQUALIFICATION IN THE SOLE AND ABSOLUTE DISCRETION OF BASF.**
24. The invalidity or unenforceability of any provision of these Terms shall not affect the validity or enforceability of any other provision. In the event that any provision is determined to be invalid or otherwise unenforceable or illegal, these Terms shall otherwise remain in effect and shall be construed in accordance with the terms as if the invalid or illegal provision were not contained herein.
25. To the fullest extent permitted by applicable law, all issues and questions concerning the construction, validity, interpretation and enforceability of these Terms or the rights and obligations of Eligible Participants, BASF or any of the other Released Parties in connection with the Offer will be governed by and construed in accordance with the domestic laws of the Province of Ontario and the federal laws of Canada applicable therein, without giving effect to any choice of law or conflict of law rules or provisions that would cause the application of any other jurisdiction's laws. The parties hereby consent to the exclusive jurisdiction and venue of the courts located in Ontario in any action to enforce (or otherwise relating to) these Terms or relating to this Offer.
26. After having been presented with a French version of these Terms, and having had the opportunity to review same, the Parties affirm having expressly requested to receive, execute and be bound by the English version of these Terms and all ancillary documents relating thereto. *Après avoir reçu une version française des présentes Modalités, et avoir eu l'occasion de consulter celle-ci adéquatement, les Parties affirment avoir expressément demandé à recevoir, de signer, et d'être liées par la version anglaise de ces Modalités et de tout document y afférent.*

## Always read and follow label directions.

**AgSolutions**, APOGEE, CABRIO, CANTUS, CEVYA, CIMEGRA, FORUM, FRONTIER, HEADLINE, IGNITE, INSCALIS, KUMULUS, MERIVON, NEALTA, POAST, PRISTINE, PROWL, REVYSOL, SEFINA, SERCADIS, SERIFEL, SOVRAN, TITAN, VELTYMA, VIVANDO, XEMIUM, ZAMPRO and ZIDUA are registered trademarks of BASF; all used under license by BASF Canada Inc. CABRIO EG, CANTUS WDG, CEVYA, FORUM, HEADLINE EC, KUMULUS DF, MERIVON, PRISTINE WG, SERCADIS, SERIFEL, SOVRAN, VELTYMA, VIVANDO SC, and/or ZAMPRO fungicides should be used in a preventative disease control program. © 2023 BASF Canada Inc.



For more information, call  
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