



Overview

Fungicides

Aliette

Flint

Folicur EW

Delaro

Luna Tranquility

Proline

Proline west

Propulse

Prosaro

Prosaro west

Reason

Scala

Serenade MAX

Serenade SOIL

Serenade CPB

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## Reason

### Overview

#### Application Tips

#### Overview

- Group 11 fungicide
- Locally systemic activity to protect new growth
- Translaminar movement to protect both sides of the leaf
- Strong anti-sporulant activity
- Concentrated flowable formulation reduces amount of product to handle
- An economical way to add the above benefits to your contact spray program in potatoes and tomatoes

#### Application Tips

### Search

Region: Ontario

### MyBayer

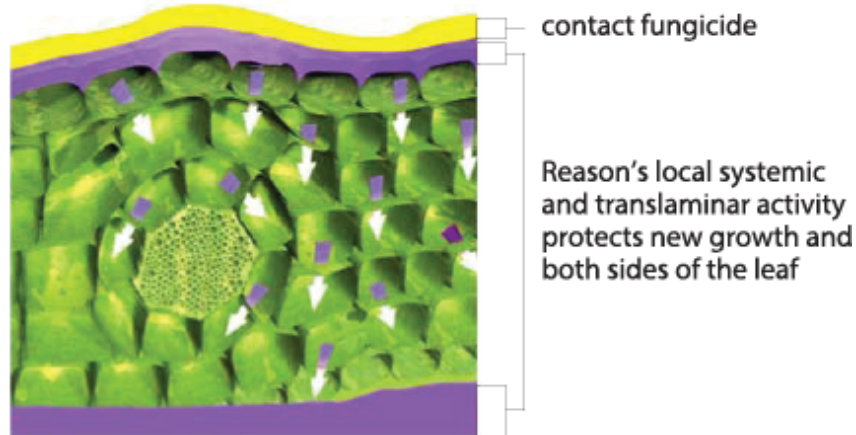
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### Bayer Links

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 Global

- Rainfast in 1 to 2 hours
- Begin applications as soon as conditions become favourable for disease development
- Applications should be made 8-14 days apart for ginseng and 5-10 days apart for all other crops
- Reason needs to be tank-mixed with a contact spray for foliar applications in tomato and potato crops
- To limit the possibility of fungicide resistance, Reason (or any other Group 11 fungicide) should be used on alternate applications



Crops	Diseases	Method of Treatment	Rates	Pre-harvest intervals (days)	Max Applications
Bulb vegetables (Crop group 3)	Downy mildew (suppression)	Foliar, ground application	400 mL/ha (162 mL/ac.)	7	4
Brassica leafy vegetables (Crop group 5)			400-600 mL/ha (162-243 mL/ac.)	2	3
Carrots	Damping off Cavity spot/pythium		600 mL/ha (243 mL/ac.)	14	2
Cucurbit vegetables (Crop group 9)	Downy mildew		400 mL/ha (162 mL/ac.)		4
Edible-podded beans (Crop subgroup)	Cottony leak (pythium), Phytophthora		600 mL/ha (243 mL/ac.)	3	3

### Find My Local Bayer Rep



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6A)	blight (suppression)				
Ginseng	Phytophthora blight and root rot			14	
Spinach	Downy mildew (suppression)		400 mL/ha (162 mL/ac.)	2	4
Succulent beans (except succulent shelled cowpeas) (Crop subgroup 6B)	Cottony leak (pythium), Phytophthora blight (suppression)		600 mL/ha (243 mL/ac.)	3	3
Tomatoes	Late blight Early blight		200 mL/ha (81 mL/ac.) plus 1.25 kg/ha (0.5 kg/ac.) of Dithane™ DG* or Bravo® 500 at registered rates	14	6
Turnip greens	Downy mildew		400-600 mL/ha (162-243 mL/ac.)	2	2
Potatoes	Late blight Early blight		200 mL/ha (81 mL/ac.) plus 1.25 kg/ha (0.5 kg/ac.) of Dithane™ DG* or Bravo® 500 at registered rates	14	6
	Seed-borne late blight	Seed-piece treatment	10 mL/100 kg seed (4.5 mL/cwt seed)	N/A	N/A

\* For other mancozeb products (Manzate®, Penncozeb®) use equivalent rates (935g ai/ha).

### ▼ Active Ingredients

Fenamidone

### ▼ Resistance Management

Alternate with fungicides having a different mode of action other than Group 11 every 7 to 10 days after each application of Reason fungicide.

### ▼ Crops

Bok Choy  
Broccoli  
Brussel Sprouts  
Cabbage  
Carrot  
Cauliflower  
Cucumber  
Cucurbits  
Garlic  
Kale  
Melon  
Mustard greens  
Onions  
Potatoes  
Pumpkin  
Squash  
Spinach  
Tomato  
Turnip green

### ▼ Pests Controlled

Cottony leak  
Downy mildew  
Early blight  
Late blight  
Phytophthora blight  
Seed-borne late blight

### ▼ Labels and MSDS

- Fact Sheet
- Label
- Reason 500 SC MSDS

### ▼ Registered Tank Mixes

In potatoes and tomatoes always tank mix Reason with a contact fungicide.

### ▼ Province of Registration

Alberta  
British Columbia  
Manitoba  
New Brunswick  
Newfoundland  
Northwest Territories  
Nova Scotia  
Nunavut  
Ontario  
Prince Edward Island  
Quebec  
Saskatchewan  
Yukon

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