

# Serifel®

Fungicide

**An innovative biological fungicide with multiple modes of action that forms a shield of protection on plants' surfaces to protect against disease.**

- Highly effective, biological fungicide that targets early blight and rhizoctonia in potatoes
- Complements chemistry-based solutions, with multiple unique modes of action, to form a protective shield against disease
- Zero PHI, 4-hour REI and 36-month shelf life offer new flexibility and choice to address potato production challenges
- Sets the standard for purity, performance and quality

## Active ingredient

*Bacillus amyloliquefaciens*  
strain MBI 600 – Group BM02

## Formulation

Wettable powder

## One pack contains

4 x 2 kg jugs

## Storage

Requires heated storage.

## Crops

Potatoes

## Staging

7 to 10 day application interval

## Serifel® fungicide must be used preventatively.

Maximum application rates and shorter spray intervals are recommended when conditions favour high disease pressure.

## Diseases suppressed

Early blight (*Alternaria solani*)

Rhizoctonia stem canker/black scurf (*Rhizoctonia solani*)<sup>1,2</sup>



<sup>1</sup> In-furrow.

<sup>2</sup> Partial suppression.

 **BASF**

We create chemistry

## Application rate

**One jug of Serifel will treat 4 to 8 ha (10 to 20 acres).**

Potatoes (foliar) 0.25 to 0.5 kg/ha (0.1 to 0.2 kg/ac)

Potatoes (in-furrow)<sup>3</sup>

Product Rate (kg/ha)	Product Rate (kg per 1000 metres of row)				
	81 cm (32") rows	86 cm (34") rows	91 cm (36") rows	96.5 cm (38") rows	101 cm (40") rows
0.25 to 0.5	0.020 to 0.041	0.022 to 0.043	0.023 to 0.046	0.024 to 0.048	0.025 to 0.051

<sup>3</sup> Consult label for in-furrow use instructions.

## Mixing order

1. Ensure the spray tank is clean before use.
2. Fill the spray tank 3/4 full of water and start agitation.
  - a. The pH of the spray solution should be between 4 and 9.
3. Before adding Serifel to the spray tank, create a pre-slurry by mixing the required amount of Serifel with water in a bucket.
4. With the spray tank agitation system running, add the Serifel pre-slurry to the spray tank.
5. Add the required amount of tank-mix partner, if applicable.
6. Add the recommended amount of adjuvant, if applicable.
7. Continue agitation while filling the remainder of the spray tank, throughout mixing and application.
8. The spray mixture should be applied shortly after mixing. Do not allow the spray mixture to sit overnight.
9. After use, clean the spray tank according to label precautions.

The product mixture should be applied shortly after mixing. DO NOT store mixed suspensions of Serifel overnight.

## Application tips

**Rainfastness** – 3 hours.

**Restricted entry interval** – 4 hours or until sprays have dried.

**Resistance management** – Serifel is an excellent resistance management tool to include in an IPM program. It can be used in combination or rotation with other chemistries to prevent the development of resistant strains.

## Pre-harvest interval

0 days for all labelled crops.

## Tank mixes and additives

BASF supported tank-mix partners include:

- Apogee<sup>®</sup> plant growth regulator
- Cabrio<sup>®</sup> fungicide
- Cantus<sup>®</sup> fungicide
- Kumulus<sup>®</sup> fungicide
- Sercadis<sup>®</sup> fungicide
- Abamectin
- Acetamiprid
- Azoxystrobin
- Chlorantraniliprole
- Copper hydroxide
- Copper oxychloride
- Copper sulfate
- Cyprodinil
- Difenconazole
- Dinutefuron
- Fenhexamid
- Fludioxonil
- Fluopyram
- Imidacloprid
- Non-ionic surfactant
- Organosilicone surfactant
- Paraffinic oil
- Pyrimethanil
- Spinosad
- Spirotetramat
- Trifloxystrobin

For other information concerning additives and supported tank mixes, contact your local BASF **AgSolutions**<sup>®</sup> Grower or Retail Representative or call **AgSolutions** Customer Care at 1-877-371-BASF (2273).

**For more information:** Call **AgSolutions** Customer Care at 1-877-371-BASF (2273) or visit [agsolutions.ca](http://agsolutions.ca).

## Always read and follow label directions.

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