

Serifel fungicide

technology sheet

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

- Targets botrytis and powdery mildew in grapes
- Complements chemistry-based programs and helps manage the potential for resistance
- Sets the quality standard for purity, performance and reliability
- With no recordable residues, Serifel™ fungicide provides greater flexibility by extending the window of application, especially near harvest
- Can be used for organic production

Active ingredient

Bacillus amyloliquefaciens
strain MBI 600 – Group 44

Formulation

Wettable powder

One pack contains

4 x 2 kg jugs

Storage

Store product away from food or feed. Store in a dry area for up to 16 months of date of manufacture. Protect from freezing.

Crops

Grapes

Staging

5 to 10 day application interval

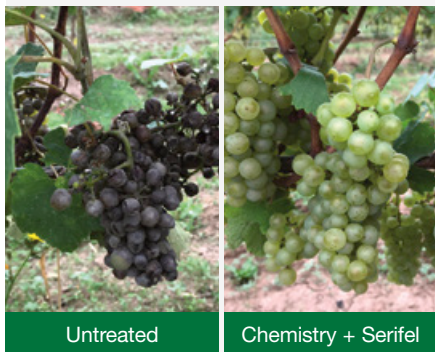
Serifel fungicide must be used preventatively.

Maximum application rates and shorter spray intervals are recommended for severe or threatening disease conditions.

Target diseases

Botrytis gray mold
Powdery mildew

Serifel in grapes



Source: BASF

 **BASF**

We create chemistry

Application rate

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

Grapes¹ 0.25 to 0.5 kg/ha (0.1 to 0.2 kg/ac)

¹ Foliar application

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 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 labeled crops.

Tank mixes and additives

BASF supported tank-mix partners include:

- | | | | | |
|----------------------------------|-----------------------|----------------------|-----------------------------|-------------------|
| • Apogee® plant growth regulator | • Sercadis® fungicide | • Copper hydroxide | • Fludioxonil | • Pyrimethanil |
| • Cabrio® fungicide | • Vivando® fungicide | • Copper oxychloride | • Fluopyram | • Spinosad |
| • Cantus® fungicide | • Abamectin | • Copper sulfate | • Imidacloprid | • Spirotetramat |
| • Kumulus® fungicide | • Acetamiprid | • Cyprodinil | • Non-ionic surfactant | • Streptomycin |
| • Nealta® miticide | • Azoxystrobin | • Difenconazole | • Organosilicone surfactant | • Trifloxystrobin |
| • Pristine® fungicide | • Captan | • Dinutefuron | • Paraffinic oil | |
| | • Chlorantraniliprole | • Fenhexamid | | |

For other information concerning additives and supported tank mixes, contact **AgSolutions®** Customer Care or your BASF Sales Representative.

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

Always read and follow label directions.

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