

SureFire

Seriatim Dual-Active Protection for Apples & Pears

Seriatim® Fungicide



Product Overview

SureFire Seriatim® Fungicide combines 252 g/kg Boscalid (Group 7) and 128 g/kg Pyraclostrobin (Group 11). It is registered for the control of black spot (scab), powdery mildew, Alternaria leaf blotch and Alternaria fruit spot in apples, and black spot (scab) in pears.

Designed for commercial pome-fruit disease management, Seriatim combines two fungicide modes of action and can be applied by dilute or concentrate spraying in accordance with label directions.

Key Features & Benefits

- Dual-action protection: Group 7 + 11 fungicide combination.
- Broad registered disease spectrum: Black spot, powdery mildew, Alternaria leaf blotch and Alternaria fruit spot in apples; black spot in pears.
- Flexible application: Suitable for dilute and concentrate spraying when used according to label directions.
- Resistance-management fit: Designed for use within a fungicide rotation program in accordance with CropLife resistance-management guidance.

Registered Crops & Diseases

Crop	Disease Controlled
Apples	Black spot (scab) (<i>Venturia inaequalis</i>); Powdery mildew (<i>Podosphaera leucotricha</i>); Alternaria leaf blotch and Alternaria fruit spot (<i>Alternaria mali</i>)
Pears	Black spot (scab) (<i>Venturia pirina</i>)

Application Recommendations

- Apples - Black spot: application may commence at spurburst.
- Apples - Powdery mildew: application may commence at early pink stage.
- Apples - Alternaria: application for Alternaria leaf blotch and fruit spot should begin after blossom and during early fruit development.
- Pears: application should commence during the blossom period, or earlier if conditions favour disease.
- Apply at 7-10 day intervals prior to petal fall and during periods of rapid growth. Later applications should be at 10-14 day intervals, or according to prevailing weather conditions and disease incidence.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS



Application Methods

Dilute spraying

Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop. Set up and operate the sprayer to achieve even coverage throughout the crop canopy.

Concentrate spraying

Use a sprayer designed and set up for concentrate spraying and matched to the crop. Determine an appropriate dilute spray volume for the crop canopy and calculate the concentrate mixing rate accordingly. Do not use equipment requiring rates greater than **200 g/100 L (5X concentration)** and do not apply in volumes below **250 L/ha**.

Resistance Management - Group 7 + 11

SureFire Seriatim® Fungicide contains actives from two fungicide groups. The label requires use in accordance with the CropLife Australia Resistance Management Strategy. **Do not apply more than three applications of Seriatim or other Group 7 or 11 fungicides per season.** If two consecutive applications of Seriatim or other Group 7 or 11 fungicides are used, follow with at least the same number of applications of fungicides from different groups before Seriatim or other Group 7 or 11 fungicides are used again.

Mixing & Compatibility

Partly fill the spray tank with water and add the required amount of product while stirring. If required, add compatible products and agitate thoroughly. Continue agitation as filling is completed and agitate again before spraying. If tank mixing with other dispersible granule (WG) or wettable powder (WP) formulations, ensure they are mixed in well before adding emulsifiable concentrate (EC) or suspension concentrate (SC) products. WP formulations should be pre-mixed separately before adding to the spray tank.

The label states that Seriatim is compatible with a wide range of agricultural chemicals commonly applied to apples. For further compatibility information, contact your local reseller or PCT representative.

Safety & Withholding Periods

Safety directions: Will irritate the eyes. Avoid contact with eyes. Wash hands after use.

- **Harvest:** DO NOT harvest for 14 days after application.
- **Grazing:** DO NOT treat orchards that will or may be grazed by livestock.
- **Export slaughter interval (ESI):** DO NOT feed treated produce to livestock for 7 days before slaughter

Export Considerations

Growers should note that Maximum Residue Limits (MRLs) or import tolerances may not exist in all export markets for fruit treated with Seriatim. Check current requirements with Apple and Pear Australia Ltd (APAL), your industry spray diary, or PCT Holdings Pty Ltd before using Seriatim on fruit intended for export.

Packaging

Available pack size: 5 kg

IMPORTANT: This technical note is a summary of key product information. Always read and follow the complete registered product label and booklet before use.

APVMA Approval No: 92771/136604