

CLADOSPORIUM SCAB

FUNGUS
(AIRBORNE)

(*Cladosporium oxysporum*)

FREQUENCY	SERIOUSNESS	ATTENTION	STAGE	RISK FACTORS	FRUIT SUITABLE FOR FRESH SALE
Common	Major	Special	Leaf, Flower, Fruit	Cool wet weather	No

SYMPTOM IDENTIFICATION

LEAVES & TIPS

- Small, circular, translucent spots develop on leaves and shoot tips
- Brown lesions develop that can coalesce causing leaf distortion and the death of shoot tips
- In humid weather, spots can become covered in grey powdery masses of spores
- The centres of the older lesions often fall out giving leaves a shot-hole appearance
- Infection is favoured by cool (less than 25°C) & wet weather



FRUIT & FLOWERS

- Flowers develop brown lesions on petals and sepals
- On fruit, small translucent spots develop into hard raised scabs up to 3mm in diameter
- Infected flower remnants are a major source of infection for developing fruit



PREVENTION

- **Spacing:** Allow adequate space between plant rows so that air can circulate and leaves can dry quickly after rain
- **Irrigation:** Avoid overhead irrigation and dense plant canopies
- **Spraying:**
 - Protectant fungicides are recommended for control
 - Fungicide sprays may not be effective during extended cool, wet weather due to the short disease cycle of this pathogen
 - To be effective, fungicides must be applied before fruit formation

MANAGEMENT

- Amistar (AZOXYSTROBIN) is registered for use in Passionfruit and is subject to a CropLife Fungicide Resistance Management Strategy (Correct at 1 July 2021)

GROUP

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FUNGICIDE

VISIT WWW.CROPLIFE.ORG.AU
- For best results apply 2 – 3 applications of AMISTAR 250 SC at 14-day intervals whilst vines are flowering
- Follow applications with an approved registered fungicide from a **different chemical group**
- Apply a further 1 – 2 applications of AMISTAR 250 SC finishing 1 day prior to harvest
- Maximum use 5 times per crop to minimise the risk of resistance
- Do not harvest for 1 day after application
- Do not use AMISTAR 250 SC curatively
- Always follow the guidelines and addition rates on the label