

Karbyon | Technical Sheet

For the control of powdery mildew and sooty mould



Powdery mildew and sooty mould can damage crops and make fruit less marketable. Bad infections can slow down photosynthesis and plant growth.

How does it work?

Karbyon is a gentle organic treatment for powdery mildew in many crops and sooty mould in citrus. This fungicide uses a unique encapsulation technology of potassium bicarbonate (the active ingredient) to change the pH level of the leaf surface, causing disruption to the growth of the disease fungal mycelia.

Direction for use

- Ensure good spray coverage to run-off for optimal disease control. Sprayers should be calibrated before use
- Avoid spraying under conditions that give slow drying i.e. high humidity, cool temperatures. Avoid spraying early morning, late evening, or during the hours of darkness as these conditions may give rise to phytotoxic damage to plant or fruit. It is recommended that growers test the product on their plants 48 hours prior to treating large areas, particularly when using higher rates.

The benefits of using Karbyon:

- Controls powdery mildew in the following crops: grapes, berries, vegetables, fodder beet, forage brassica, citrus, ornamentals
- Controls sooty mould in citrus
- Certified organic
- Reduces risk of fungicide resistance
- Nil withholding period
- Does not require spreaders and wetters to apply.



Citrus plants with sooty mould, untreated (L) and Karbyon-treated (R).

Disease	Crop	Other instructions
Powdery Mildew	Grapes: 1-2 kg/100 L Berries: 1-2 kg/100 L Vegetables: 3-5 kg/ha Cereals: 3-5 kg/ha Fodder beet and forage brassica: 2.5-5 kg/ha Citrus and Ornamentals: 1-2 kg/100 L	For prevention and control of low-level infections of powdery mildew, apply at the lower rate at 10-15-day intervals. When disease pressure is high or infection is severe, apply at the higher rate at 7-10 day intervals until disease is controlled.
Sooty mould	Citrus: 1-2 kg/100 L	For the prevention and control of low-level infections of sooty mould, apply at the lower rate at 10-15-day intervals. When disease pressure is high or infection is severe, apply at the higher rate at 7-10 day intervals until disease is controlled.

General recommendation: For prevention and control of low infections of disease apply Karbyon at 1 kg/100 L. When disease pressure is high, or infection is severe apply Karbyon at 2 kg/100 L.