

THE BENCHMARK FOR DISEASE PROTECTION IN BEANS AND LENTILS



Sumisclex® 500 sets the standard for foliar disease control in Lentils, Faba beans* and Navy beans*.

- Provides excellent control of Grey mould (*Botrytis cinerea*), Chocolate spot (*Botrytis fabae*) and Sclerotinia rot (*Sclerotinia sclerotiorum*).
- Delivers both protectant and curative activity with maximum protection at canopy closure.
- Reduced disease incidence leads to increased yields and improved grain quality.
- Group 2 fungicide mode of action ideal for resistance management.

* Sumisclex is approved for use in Faba beans and Navy beans under APVMA PERMIT NUMBER – PER92791. This permit is in force until 31st October 2025.



Directions For Use

Crop	Disease Controlled	Application Rate	WHP
Lentils	Grey mould (<i>Botrytis cinerea</i> and <i>Botrytis fabae</i>)	500 mL/ha	21 days (H) 21 days (G)
Navy Beans	Sclerotinia rot (<i>Sclerotinia sclerotiorum</i>)	1 - 1.5 L/ha	21 days (H)
Faba beans	Chocolate spot (<i>Botrytis fabae</i>) Grey mould (<i>Botrytis cinerea</i>)	500 mL/ha	21 days (G)

Critical Use Comments

Lentils:

- Monitoring of crops for disease should commence at 6 - 8 weeks after emergence.
- Early application is critical to restrict the development and spread of Grey mould.
- The first application of Sumisclex 500 is recommended immediately prior to canopy closure to ensure good spray penetration into the crop.
- Subsequent monitoring of later fungicide applications may be required if conditions are conducive to disease development.
- Apply no more than two consecutive sprays of Sumisclex 500.
- Alternate with fungicides from different mode of action groups.

Navy beans:

- Apply when 75% of plants first show open blossom and again no sooner than 7 days later to protect new growth. Use higher rate when disease pressure is high.
- Apply by ground based boom spray only.

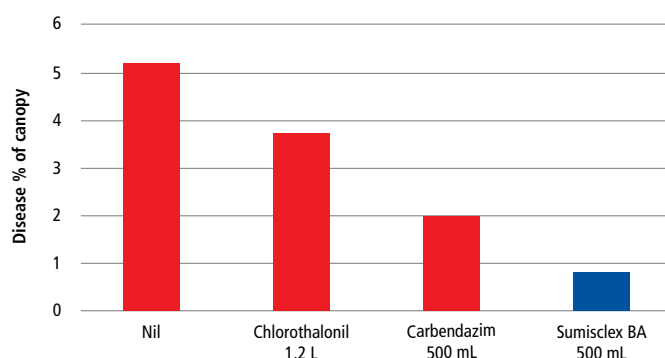
Faba beans:

- Inspect crops regularly on the mid to lower leaves where disease will occur first.
- Apply in the early stages of disease incidence, i.e. 1 - 2 spots per leaflet and when weather conditions favour disease. These are temperatures between 15 and 20°C and moist, humid conditions (66% RH and over).

- Apply by boom spray, ground or aerial.
- Apply in sufficient water to provide good coverage. Use a minimum spray volume of:
 - 100 L/ha for all ground-based applications
 - 45 L/ha for aerial application to faba beans
 - DO NOT apply more than 2 applications per crop.
 - DO NOT apply less than 7 days after the initial treatment.

Comparison of a two spray program for botrytis control in lentils, Hart Field Day Site SA

(Fungicides applied at pre-canopy closure and early podding)



Cost effective – Sumisclex is the best choice for your bottom line

The application of Sumisclex can increase both yield and profitability. Trials to illustrate the economic return of various fungicides at the Hart Field Day site in lentils demonstrates the financial benefit of improved disease control.

Two spray program for botrytis control in lentils, Hart Field Day Site

Fungicide	Disease % canopy	Yield T/ha	Economics (return/ha net of cost of fungicide)
Nil	52	2.46	-
Chlorothalonil 1.2 L	37	2.67	+\$182.18
Carbendazim 500 mL	20	2.86	+\$401.63
Sumisclex Broadacre 500 mL	8	3.07	+\$618.98
LSD 5%	17	0.43	

Analysis based on 2022 grain and product prices.

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