

## SUMISCLEX<sup>®</sup> 500

### CONTROL OF SCLEROTINIA ROT IN CANOLA IN 2021

Good prices at the farm gate and ideal planting and early season conditions in many areas have seen a significant increase in canola planted this season.

Sumisclex has set the benchmark for *Sclerotinia* control in canola for many years and remains the ideal choice for managing the disease at early flowering.

Other products provide effective control, but in a year when fungicides for all winter crops are likely to come under supply pressure, choosing Sumisclex to protect your canola will ensure other products are available for other cropping situations.

At a cost of well below \$40 / ha applied, Sumisclex will also provide an outstanding return on investment per hectare under what is likely to be higher than normal disease incidence this year.

Conditions that promote *Sclerotinia* in canola are rainfall and humidity during flowering. Research by Dr Ravjit Khangura of WA Department of Agriculture and Food has defined the triggers for *Sclerotinia* infection as more than 40 mm of rain and higher than 75% relative humidity in the three week period before and after early bloom (Khangura, R. 2015). When these conditions are present, canola growers are at an increased risk of crop damage through *Sclerotinia* infection and a preventative fungicide application should be applied. Depending on crop yield potential, applying Sumisclex this season could provide an additional \$168 per ha over using an alternative fungicide, as illustrated by the trial data below.



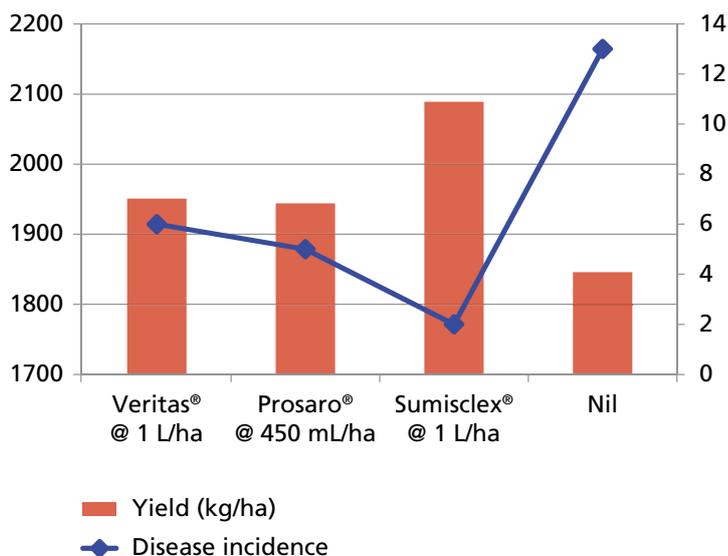
**Sumisclex<sup>®</sup>** can provide effective control of *Sclerotinia* when applied correctly:

- Application should occur by 30% bloom – at which stage the maximum number of petals are open and little petal fall has occurred.
- Spraying should occur before petals begin to drop and prior to a rainfall event during early to mid-flowering.
- The objective of control is to prevent infected petals from lodging in the lower part of the canopy.
- A Group 2 fungicide, Sumisclex provides an ideal rotation away from the commonly used Group 3 (Triazole) and Group 7 (SDHI) modes of action to assist in fungicide resistance management.



### The economics of using Sumisclex to control *Sclerotinia* in canola

Published data from Dr Khangura contained this recent comparison from Wagin, WA.



If we assume an average canola price of \$700/ton, this additional 240 kg/ha is worth \$168.

## Sumisclex – control of *Sclerotinia rot* in canola in 2021

### Directions for use

Crop	Disease controlled	States	Application rate	Critical comments
Canola	<i>Sclerotinia rot</i> ( <i>Sclerotinia sclerotiorum</i> )	All states	<p>1 L/ha <b>Ground Application</b> in 100 L/ha water plus Agral at 20 mL/100 L water</p> <p><b>Aerial Application</b> in minimum 40 L/ha water plus Agral at 20 mL/100 L water</p>	<p>Spraying should occur before petals begin to drop and preferably prior to a rainfall event during the early – mid flowering stage of crop growth.</p> <p>Infection of canola stems and branches occurs when infected petals fall and lodge in the lower canopy of the plant, particularly during wet or humid conditions.</p> <p>The objective of the Sumisclex application is to treat as many petals as possible prior to petal drop and before pods set.</p> <p>Application should, therefore, take place by 30% bloom (i.e. 30% of flowers open on the main stem), at which stage the maximum number of flowers are open at one time and little petal fall has occurred.</p> <p>Application should not be made after mid-flowering.</p> <p>For aerial application to a canola crop that is directly adjacent to a downwind paddock where grazing stock may be present, use coarse nozzle settings and observe a 20 m buffer to that paddock in order to minimise drift.</p>

\* Always refer to the most recent product label available at [www.sumitomo-chem.com.au](http://www.sumitomo-chem.com.au) for full Directions for use.

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Reference and Acknowledgement:

Khangura, R. 2015. Unravelling factors affecting *Sclerotinia* stem rot in canola particularly in the light of fungicide spray decisions. Department of Agriculture and Food, WA and Grains Research & Development Corporation.

[https://sumitomo-chem.com.au/sites/default/files/literature/sclerotinia\\_in\\_canola\\_control\\_trials\\_grdc.pdf](https://sumitomo-chem.com.au/sites/default/files/literature/sclerotinia_in_canola_control_trials_grdc.pdf)

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about Sumisclex 500



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