



Lupin Foliar Spray Trial

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Location: Craig Simkin - Binu

Plot Size: 14m x 100m

Soil Type: sand

Sowing Date: 20/5/15

Seeding Rate: 70kg/ha

Aim: To investigate if Bravo, Sumisclex and Blackjak foliar sprays have an effect on Tanjil Lupin yield in lupins that were under pressure with a number of diseases.

Background: The Tanjil Lupins had a significant amount of Powdery Mildew throughout the crop, as well as low levels of Brown Spot and Sclerotinia.

- Sumisclex is a group B fungicide with the active constitute procymidone at 500g/L.
- Bravo is a suspension concentrate formulation containing 500g/L of chlorothalonil.
- Blackjak is a concentrated suspension of Humic, Fulvic and Ulmic Acids (18%), Humin organic matter (25%) and Trace Elements.

Trial Details and Design

<u>Treatment</u>	<u>Rate</u>
Sumisclex	1L/ha
Bravo	2L/ha
BlackJak	1L/ha

- All treatments were applied with 100L/ha water.
 - Each treatment was sprayed in a 14m by 100m plot (0.14 ha)

Results and Discussion

<u>Treatment</u>	<u>Plot size</u>	<u>Tonnes</u>	<u>Tonnes/ha</u>
Control	0.14 ha	0.320	2.286
Sumisclex	0.14 ha	0.334	2.386
Bravo	0.14 ha	0.328	2.343
Blackjak	0.14 ha	0.345	2.464

Each foliar spray plot had a yield higher than the control.

Blackjak yielded highest followed by Sumisclex, then Bravo.