

XLflo®

Seed Treatment

For the control of brown leaf spot and the suppression of hypocotyl rot in the first four weeks after emergence in lupins, and for the control of hypocotyl rot in potatoes.

Active ingredient: 250 g/L iprodione

Class: Group 2 fungicide

XLflo® Seed Treatment helps you to grow a healthy stress-free and disease-free lupin crop.

Always refer to the label for complete details.

BENEFITS

- Controls seed-borne infections and protects young plants from soil-borne infection.
- Provides healthier plant stand which helps to maximise yield.
- Easy to measure and mix.
- Reduces infection coming from lupin stubble.
- Colours lupin seed a distinctive blue, providing easy identification of treated seed.

POWERFUL DISEASE CONTROL IN LUPINS

Target pests in Lupins

- Brown leaf spot (*Pleiochaeta setosa*)
- Rhizoctonia hypocotyl rot (*Rhizoctonia solani*)

Mode of action

XLflo is a contact herbicide with protective and curative action. It inhibits both the germination of spores and the growth of fungal mycelium.

Brown leaf spot disease management

Brown leaf spot is the most important and widespread disease of lupins in Australia. The spores of the fungus can survive in the soil, on seed and on the stubble, which can infect the roots and leaves of the plant.

The fungus can cause rotting on the plant roots as well as leaf spotting. Roots that are infected develop brown spots and in severe infections may rot off. Where the fungus infects the leaves, dark spots develop, and in heavy infections leaves rapidly die and defoliation occurs.

Brown leaf spot may be managed by:

- increasing the length of rotations
- sowing disease-free seed
- treating seed with XLflo to provide control of seed-borne infections and protect young lupin plants during the vital establishment and development stage.

Integrated disease management tool

XLflo should be used as part of an integrated disease management strategy, particularly in areas with high disease pressure.

Where possible, the following disease management practices should be used in conjunction with XLflo:

- stubble retention
- direct drilling
- correct seeding depth
- correct rotations
- clean seed source
- correct seeding rate
- avoid late sowing

When to apply XLflo

Lupin seed can be treated at harvest and stored for the following season, or any time prior to sowing.

Plant safety

This product will reduce rhizobium inoculum levels on inoculated seed.

It should only be used on seed to be sown in ground where existing soil inoculum levels will provide adequate nodulation.

Spray inoculation is not recommended.

© XLflo is a registered trademark of Arysta LifeScience Australia Pty Ltd.

Arysta LifeScience Pty Ltd shall not be liable in any manner whatsoever for errors, omissions, results, loss or damage whether consequential or otherwise resulting from the use of and/or access to information in this Tech Topic.