

Cosmos® insecticidal seed treatment

Powerful protection against establishment enemies

Cosmos provides strong early protection against key establishment pests to help canola, rice, sorghum and sunflower crops establish more strongly – with proven yield benefits. Its active ingredient, fipronil, forms a protective ‘halo’ in the soil around the seed that provides high levels of control.



- High levels of insecticidal activity on chewing and rasping pests
- Up to 6 weeks’ protection for canola seedlings
- Actively controls and reduces target insect population
- Controls red legged earth mites (RLEM), which have developed resistance to other commonly used insecticides
- Suitable for IPM programs, with minimal impact on beneficial species

Crop

Canola
Rice
Sorghum
Sunflowers

Application method

Use seed coating equipment for canola, sorghum and sunflowers.
Spray rice seed before sowing.

Pests controlled

Canola: Redlegged earth mites
Rice: Bloodworm
Sorghum & sunflowers: False wireworm
+ protection from black field earwigs



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How to apply Cosmos

Rates **Canola** 400 mL/100 kg seed
Rice 20 mL/100 kg seed or 25 mL/ha
Sorghum and sunflowers 150 mL/100 kg seed

Method

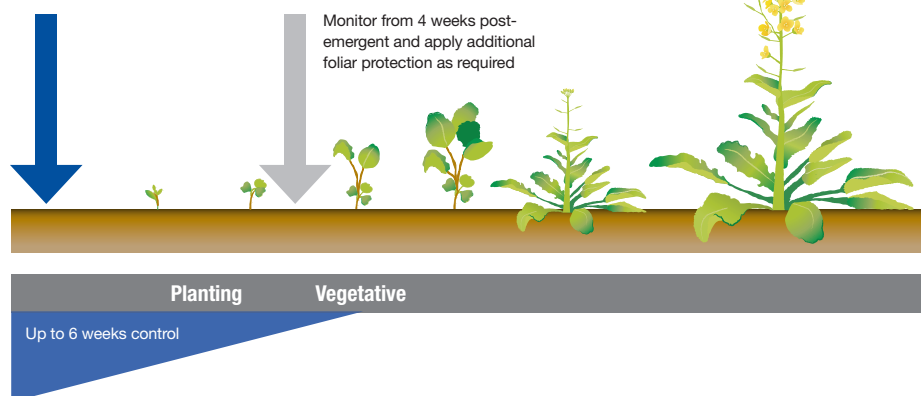
Use standard seed coating equipment or a professional seed processor in canola, sorghum and sunflowers.

Apply as a spray to rice seed before sowing.

Sow seed treated with

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Cosmos is most effective as part of an integrated program. When pest pressure is high, it may be necessary to use a follow-up foliar insecticide tank-mixed with a post-emergent herbicide.

IPM and resistance management

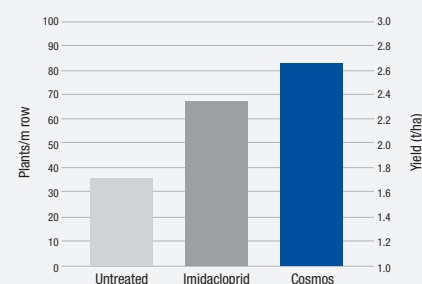
Cosmos has selective activity on targeted pests and minimal impact on beneficials such as earthworms, predatory bugs and soil organisms. It is therefore ideal for IPM (Integrated Pest Management) programs.

For insecticide resistance management, Cosmos is a Group 2B insecticide and should be used in rotation with insecticides with different modes of action.

For more information on Cosmos, visit crop-solutions.basf.com.au or contact your local BASF representative on **1800 558 399**



Superior canola crop establishment & yield



Dunkeld canola with moderate RLEM pressure at Clare, SA.
Both products applied at registered rates.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS BEFORE USING ANY PRODUCT IN THIS FACT SHEET.

This fact sheet is intended as general advice. Disclaimer: The information submitted in this publication is based on current BASF knowledge and experience. In view of the many factors that may affect its application, this data does not relieve the user from carrying out their own tests. The data does not imply assurance of certain properties or of suitability for a specific purpose. It is the responsibility of the user to ensure that any proprietary rights and existing laws and legislation are observed.