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# Product Information Sheet

## METHOGRAIN® Fenitrothion 1000 Insecticide

Analysis: 1000 g/L Fenitrothion

Group	<b>1B</b>	Insecticide
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For cereal grain protection, METHOGRAIN® Fenitrothion 1000 Insecticide can be used to control populations of a number of insect pests including grain weevils, flour beetles, tropical warehouse moth and Indian meal moth.

This product can be applied to bulk grain, as a structural treatment, or as a surface treatment to grain storages. Insect pests are a major source of damage to stored cereal grains.

Heavy infestations can cause an increase in grain temperature and moisture levels, increasing the chance of fungal attack as well. Other problems include loss of grain weight and reduced germination rate in seed grain.

### Benefits:

- Suitable for on-farm and bulk grain handlers
- Approved for use on all cereal grains
- Kills established insect pests
- Helps to protect grain for up to 6 months
- Withholding period only 24 hrs when treated at 6ppm for 3 month protection
- 300mL of METHOGRAIN® Fenitrothion 1000 Insecticide mixed with 50 litres of clean water is sufficient to treat 50 tonnes of grain

Pack Sizes: 300 mL pack

### Product Characteristics:

Colour	Specific Gravity
clear amber	1.24





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# Methograin® Fenitrothion 1000

## Directions for application (refer to product label for more detailed instructions)

Situation	Pests Controlled	Rate	Comments
Stored cereal grain (un-infested wheat, barley, oats, rice, sorghum and millet)	Stored grain insect pests including lesser grain borer, rust-red flour beetle, confused flour beetle, sawtoothed grain beetle, rice weevil, Indian meal moth and tropical warehouse moth	Up to 3 months protection (6ppm) 6mL per litre of water (1L of solution per tonne of grain)	Apply during transfer of grain to storage. Suitable equipment should be installed which will give an even coverage to the grain and is capable of adjustment with the flow of the grain.
Grain storage facilities and equipment		Up to 6 months protection (12ppm) 12mL per litre of water (1L of solution per tonne of grain)	Apply as above and observe the 13 week withholding period.
		10mL per litre of water. 1L dilute spray treats approximately 20m <sup>2</sup> of walls and floor surfaces	Apply diluted spray to walls, floor, roof, structures, machinery, vehicles and around storage facilities. This treatment should be used as a routine hygienic procedure before grain is stored in any facility. Precautions should be taken to prevent surface contamination of grain. Treatment should not be repeated more frequently than at 2 monthly intervals in warm weather and 3 monthly intervals in winter.
Tank mix with METHOGRain® IGR 300 for treatment of stored cereal	Stored insect grain pests including lesser grain borer and rust red flour beetle (including organophosphorous resistant strains), excluding Sitophilus spp*.	Up to 9 months protection (6ppm) mix 300mL with 50L water and 1L METHOGRain® IGR Grain Protectant or 100mL METHOGRain® IGR 300 Grain Protectant	Apply 1L of mixture per tonne of grain. Observe 1 day withholding period.

\*Sitophilus spp is a genus of weevils. Some species are familiar as pests of stored food products. Notable species include the rice weevil (*S.oryzae*), wheat weevil (*S.granaries*) and maize weevil (*S.zeamais*).



Rust Red Flour Beetle



Lesser Grain Borer

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