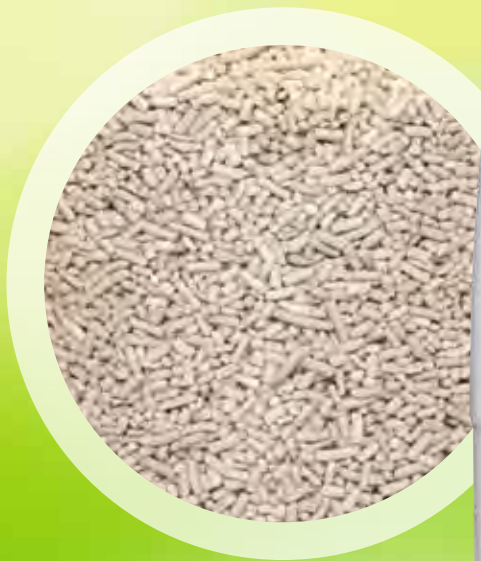


50WG
Kaiso[®]
with **SORBIE**[®] TECHNOLOGY

A powerful
weapon in the battle
against insects



- Unique granules with Sorbie[®] Technology
- Easier handling and storage
- Quick knock-down
- Broad spectrum control of insects





- Innovative** • Unique proprietary formulation
- Powerful** • Broad spectrum
• Knock-down effect
• Good persistence and repellent activity
- Easy to use** • Easy to store and to handle

What is Kaiso 50WG?

Kaiso® 50WG is an easy to use, broad spectrum 5% lambda-cyhalothrin insecticide that delivers fast and robust efficacy against numerous insects.

Lambda-cyhalothrin is a synthetic pyrethroid.

- It acts quickly (knock-down effect)
- It is effective at a low rate
- It is active by contact and ingestion on numerous types of insects such as aphids, beetles, caterpillars
- It provides good persistence and also repellent activity

Sorbie Technology

Sorbie Technology is a unique formulation type developed and patented by Nufarm. Sorbie Technology combines the benefits of Emulsifiable Concentrate (EC) and Wettable Granule (WG) formulations.

It looks like a wettable granule, but once added to water, behaves like an emulsion concentrate.

Sorbie Technology has been applied to formulate lambda-cyhalothrin; this creates a unique pyrethroid insecticide with outstanding features:

- **Handling and safety benefits of a WG**
 - no splash
 - volumetric measuring
 - easy to store
 - no need to rinse the pack
- **Formulation benefits of EC**
 - fast knock-down
 - residual activity
 - repellency action
 - solution stability (no settling out)
- **Reduced solvent load compared to conventional EC**
 - non-flammable
 - improved user safety



Mixing

Half fill the spray tank with clean water and with the agitator running slowly, pour the correct amount of Kaiso 50WG into the tank. Continue to agitate while adding the remainder of the water, and during spraying. Kaiso 50WG is compatible with most fungicides except strongly alkaline materials such as Bordeaux mixture.



Application

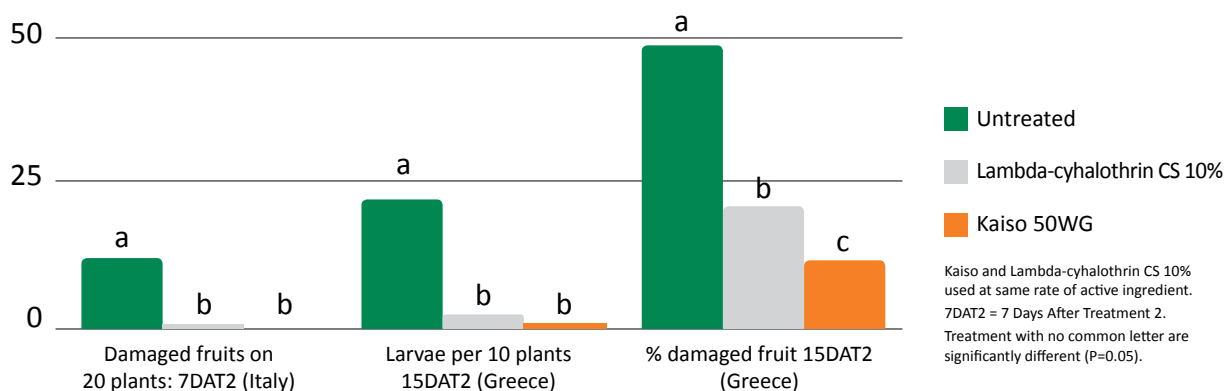
Kaiso 50WG is a fast acting stomach and contact insecticide. Thorough coverage of plant surfaces is important for good control. For 'difficult to wet' crops add Contact™ Xcel at label rates.

Testing of Kaiso

- Kaiso 50WG has been extensively tested globally
- More than 200 trials have been carried out since 1998
- On more than 30 crops – arable crops, perennial crops, speciality crops
- On more than 50 different pests including – Lepidoptera (caterpillars), Coleoptera (beetles), Hemiptera (bugs), Homoptera (aphids), Diptera (flies), Thysanoptera (thrips)

Powerful control

Control of tomato fruitworm *Helicoverpa armigera*



Crop	Pest	Rate*	Notes
Beans	Tomato fruitworm	200g/ha in a minimum of 500 L of water/ha	Apply when insects first appear and if necessary 2 to 3 weeks later.
Beans, forage brassicas, maize, onions, sweet corn (seedlings), tomatoes and vegetable brassicas	Cutworm	200g/ha in a minimum of 300 L of water/ha Aerial: Use 100 to 150 L of water/ha	Apply immediately damage occurs, preferably in the evening as a directed spray to thoroughly cover the base of the plants and the surrounding soil.
Cereals	Cereal aphid, rose grain aphid	100-200g/ha in a minimum of 200 L of water/ha	Apply at first sign of aphids. Apply the lower rate when aphid pressure is low and shorter residual activity is required. A second application may be needed if aphids continue to migrate into the crop. Ensure sufficient water volume is used to give thorough crop penetration and coverage.
Citrus	Fullers rose weevil	1.5kg/100 L as a directed trunk spray	Apply sufficient spray to form a complete band around the trunk from the base to 30 cm high, using up to 300 ml/trunk. Apply at monthly intervals, using directed spray equipment. Commence prior to adult weevil emergence from the ground and continue over the duration of pest activity, usually December to June unless otherwise ascertained by monitoring. Ensure trees are well skirted up and tree rows are free of weeds to assist in control.
Field tomatoes	Tomato fruitworm	200g/ha in sufficient water for complete coverage. Use a minimum of 1000 L of water/ha when plants are fully grown.	Apply at 3 week intervals from transplanting or thinning.
Forage and vegetable brassicas	Diamondback moth, white butterfly caterpillars	200g/ha in a minimum of 700 L of water/ha	Apply to seedbeds and following transplanting at 2 week intervals or as indicated by pest activity.
Grapes	Thrips	20g/100 L (DO NOT use less than 100g/ha)	Apply at early flowering. Apply in sufficient water to achieve good coverage of flower clusters.
	Bronze beetle, grass grub beetle	20g/100 L (DO NOT use less than 200g/ha)	Apply at dusk, when beetle flights begin. Apply in sufficient water to obtain coverage. Repeat after 14 days if flights are still continuing.
Onions	Onion thrip	200g/ha in a minimum of 500 L of water/ha	Apply at first sighting of onion thrip and repeat as necessary.
Potatoes	Potato tuber moth	200g/ha in a minimum of 500 L of water/ha	Apply at first sighting of moths then at 2 week intervals. Maintain adequate soil moisture and soil cover over developing tubers to assist prevention of tuber mining.
	Tomato/potato psyllid	500g/ha in a minimum of 500 L of water/ha	Apply at first sign of psyllids then at 7 to 14 day intervals. Use the closer interval under high pressure. Ensure sufficient water volume is used to give thorough crop penetration and coverage.
Amenity turf	Tasmanian grass grub, sod webworm, adult black beetle, red legged earth mite	20g/100 L of water or 200g/ha	Apply at first sign of pests and repeat as necessary during pest activity.
Ornamentals	Aphids, caterpillars, thrips, beetles, weevils	20g/100 L of water	Apply at first sign of pests and repeat at 10-14 day intervals as necessary during pest activity (max 4 applications). Spray a small selection of plants and observe for 7-10 days if phytotoxicity is unknown.

Nufarm NZ

www.nufarm.co.nz

6 Manu Street, Otahuhu,

PO Box 22407, Auckland 1640, New Zealand

Phone 09 270 4150, Email info@nz.nufarm.com

Better Solutions. Better Farming.

*Kaiso 50WG can be measured volumetrically: 340ml weighs approximately 200g.

Weighing is recommended for more precise measurement.

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