



# Bestseller<sup>®</sup> 100EC

Bestseller 100EC is a synthetic pyrethroid insecticide for the control of certain insect pests in maize, pasture, sweetcorn, onions, tomatoes, vegetable brassicas and public health applications.

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<b><u>Active Ingredient:</u></b>	100g/litre alpha-cypermethrin
<b><u>Chemical Group:</u></b>	Synthetic pyrethroid
<b><u>Formulation:</u></b>	Emulsifiable concentrate
<b><u>Pack Size:</u></b>	1 Litre
<b><u>Compatibility:</u></b>	Compatible with most commonly used fungicides and insecticides.

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Bestseller is a quick acting synthetic pyrethroid insecticide which works by both contact and ingestion.



Bestseller has excellent rainfastness properties, due to its rapid absorption into the plant cell wall.



Bestseller comes in a new easy-to-use 1 litre plastic bottle.

**General:** Bestseller 100EC is a quick acting synthetic pyrethroid insecticide which works through contact activity and ingestion. It is not systemic. Thorough plant coverage is essential.

**Resistance Management: Brassicas** – To minimise the development of resistance to synthetic pyrethroids apply only in the period from February to August. Use insecticides of a different mode of action during September to the end of January.

**Onions** – Refer to supplier or adviser for the local integrated Pest Management programme. A cluster of 3-4 sprays should be made from early January in response to crop monitoring when the threshold of thrip numbers has been exceeded. Ensure good cultural practices such as removal of self-sets.

**Compatibility:** Bestseller 100EC is compatible with most commonly used fungicides and insecticides.

**Mixing:** Add the required amount of Bestseller 100EC directly into the spray tank with agitator operating. Maintain agitation during application.

**Withholding periods:** Tomatoes – 1 day; Vegetable Brassicas – 3 days; Onions – 14 days; Sweetcorn – 7 days; Do not graze or feed treated maize or sweetcorn stubble to livestock within 14 days of application. Pasture – Do not graze pasture within 7 days of application or cut for stock food within 14 days of application.

Unless otherwise specified rates are suggested for high volume spraying to just before run-off. For concentrate spraying, adjust dilution rate accordingly.

Crop	Pest	Rate	Remarks
Maize, Sweetcorn	Army worm, Corn Earworm, Cutworm	150-200ml/ha in a minimum of 600 litres water/ha for ground spraying and 100 litres/ha for aerial.	Apply immediately pests appear and use high water rates to ensure penetration into the base of the crop. Repeat every 10-14 days or as required.
Onions	Thrips	150-200ml/ha in a minimum of 500-600 litres of water.	Use only after mid January. Refer to Resistance Management comments.
Tomatoes (outdoor)	Tomato fruitworm	20-30ml/100 litres of water applying a minimum of 600 litres water/ha.	Use only after January and if crop monitoring shows a need.
Vegetable brassicas	White butterfly, tomato fruitworm	200-250ml/ha in a minimum of 700 litres water/ha and apply on a 14 day schedule from transplanting.	Use only after mid January based on crop monitoring. Use in alternation with a non-synthetic pyrethroid insecticide. Refer to Resistance Management comments.
Industrial pests in buildings – domestic, agricultural, commercial, public and industrial.	Ants, flies, silverfish and spiders	5-10ml/litre of water. Apply 1 litre of spray to 20 sq. metres.	Apply to walls, floors and other places frequented by pests.
	Cockroaches	As above.	Apply to cockroach harbours, cracks, crevices and other frequented areas. Longer residual control will be achieved by the higher rate.  Note: Do not allow spray to contact food, food preparation surfaces or food utensils. Remove or cover all foodstuffs before application. Wash all food contact surfaces thoroughly before re-introducing any foodstuffs. Do not use in areas where meat products are processed, packed or stored. Do not use where food packaging materials are stored or assembled. Do not use near air vents or ducts in food stores or processing plants while they are in operation.
Pasture	Tasmanian grass grub larvae ( <i>Aphodius tasmaniae</i> )	100-150ml/ha	Apply in autumn at first appearance of grubs and pasture damage. Use the higher rate when larvae are more than 1cm long.
	Red legged earth mite ( <i>Halotydeus destructor</i> )	50ml/ha	Apply when mite damage (leaf bleaching) is noted, especially on legume seedlings.

**NZFSA Approved Type B (all animal product except dairy).**

- 1) This insecticide is not permitted in any edible product area or any area where edible product or packaging is stored.
- 2) It must be used in a manner that prevents the entry of the insecticide into edible product areas or stores containing packaging material.

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