



BELT®

Users' guide for tomatoes

Getting the best from Belt® insecticide in tomatoes.

Belt is a powerful, innovative insecticide based on the active ingredient flubendiamide from the Group 28 insecticide activity group. It is effective on pest populations which are now difficult to control with some current insecticide groups.

Belt is "soft" on most beneficial species and pollinators, but is extremely effective on key lepidopteran pests such as heliothis when used as directed.

Belt is very active, rainfast quickly after spraying, and very

stable to UV radiation. It shows translaminar activity and has very long residual effect. It's highly suited to IPM systems.

Belt has a short (one day) withholding period in tomatoes.




Belt should be used as a strategic spray in spray programs which include other insecticide groups.

In any single crop, there is a limit of three foliar applications of Group 28 insecticides per season.

This limit means that it's very important not to waste applications of Group 28 chemistry on less critical timings that can be adequately covered by other activity groups. Current resistance management guidelines are available from www.croplife.org.au.

BELT AT A GLANCE

Pests	Heliothis and tomato leafminer.
Rate	100 or 150 mL/ha (10 or 15 mL/100 L dilute sprays).
Spray interval	Up to 14 days (e.g. high pressure: < 7 days, low pressure: 7-14 days).
Adjuvant	Optional. If using a non-ionic wetting agent, apply at label rates (e.g. Agral® 10 mL/100 L).
Coverage	Ensure good spray coverage. Apply in a volume of 400-1000 L/ha of spray mixture or more depending on crop stage/size when applying dilute sprays. For overall broadcast sprays, apply in a volume up to 600 L/ha.
Compatibilities	Belt is compatible with Hasten®, Blue Shield® DF, Confidor® 200 SC, Kocide® 350 DF, Walabi® and Antracol®.
WHP	1 day
Rainfastness	Rainfast within 2-4 hours.

<p>Belt spray applications should be timed to maximise the full potential of your crop.</p> <p>APPLY BELT WHEN THE MOST VALUABLE HANDS OF FRUIT ARE BEING SET, OR WHEN CROPS ARE MOST SUSCEPTIBLE TO GRUB DAMAGE AND PROTECTION OF THE CROP IS MOST CRITICAL.</p>		Optimal spray times (max 3 sprays)	
		Leafminer	Heliothis
 <p>Early open tomato crop – vegetative growth stage</p>	<p>In earlier stages (first weeks after transplanting), it is recommended to include sprays with older insecticides, or perhaps other soft, “IPM friendly” insecticides (e.g. Bts, NPV, Avatar®, Success®, Proclaim®) should be included.</p> <p>At young stages, spray coverage is easier and rapid effect is less critical, and inclusion of alternative activity groups is good practice.</p> <p>However, as soon as tomato leafminer is detected control measures for that pest should begin immediately.</p> <p>Belt is highly effective against tomato leafminer when used in the early phases of infestation.</p>	<p>YES 1-2 sprays</p>	<p>NO</p>
 <p>Flower head at fruit set</p>	<p>Otherwise, commence using Belt when fruit have begun to set. Local spray thresholds should be followed, and sprays should be timed at or immediately after egg hatch for best results.</p> <p>As flowering and fruit set in tomatoes continues for some time (particularly trellis tomatoes), Belt should be rotated with the best available alternative chemistry so that benefits from the three applications of Belt are maximised.</p> <p>At this highly productive stage of the crop, it is critical to have a powerful, fast acting product like Belt covering those fruit which will soon be difficult to reach as plants grow and hands of fruit tighten.</p> <p>Time Belt applications to protect the most valuable hands of fruit. Belt has a short withholding period of 1 day so is easily integrated into tight picking schedules. Good coverage is essential.</p>	<p>YES 1-2 sprays</p>	<p>YES 2 sprays</p>
 <p>More advanced trellis crop (3-4 wire)</p>	<p>Spray intervals should not be greater than 14 days.</p> <p>Under heavy insect pressure, use shorter intervals and the higher rate.</p> <p>Use the higher rate when not applying sequential applications of Belt, or where repeat applications are made at intervals exceeding seven days.</p>	<p>NO</p>	<p>YES 1 spray</p>



Want more information?

For more information on getting the best out of Belt, visit crop.bayer.com.au/belt or talk to your local Bayer representative.

Bayer CropScience Pty Ltd, ABN 87 000 226 022, Level 1, 8 Redfern Road, Hawthorn East, Victoria 3123. Technical Enquiries 1800 804 479. enquiries.australia@bayer.com Always consult the product label for detailed information. The information and recommendations set out in this brochure are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. Any product referred to in this brochure must be used strictly as directed, and in accordance with all instructions appearing on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions. Belt®, Blue Shield®, Confidor®, Walabi® and Antracol® are registered trademarks of the Bayer Group.