



BELT®

Users' guide for Lettuce

Getting the best from Belt® insecticide in lettuce.

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 other 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 AT A GLANCE


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 is highly suited to IPM systems. **Belt** has a short (one day) withholding period in lettuce.

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.

Pests	Heliothis
Rate	75 or 100 mL/ha.
Spray interval	Up to 14 days (e.g. high pressure: < 7 days, low pressure: 7-14 days).
Adjuvant	Apply with non-ionic wetting agent at label rates (e.g. Agral® at 10 mL/100 L).
Coverage	Ensure good spray coverage. Apply in a volume of between 400 - 600 L/ha of spray mixture or more depending on crop stage/size.
Compatibilities	Belt is compatible with Hasten®, Blue Shield® DF and Kocide® 350 DF.
WHP	1 day
Threshold	Apply Belt on a nil threshold concept.
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 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)
	<p>Prior to the “hearting” or “cupping” stage (i.e. when the new developing inside leaves just begin to wrap), it is recommended to spray with older insecticides, or perhaps other soft, “IPM friendly” insecticides (e.g. Bts, NPV, Avatar®) should be included.</p> <p>At early open crop stages, spray coverage is easier and rapid effect is less critical, and inclusion of alternative activity groups is good practice.</p>	NO
 <p>Hearting</p>	<p>Commence using Belt at the start of “hearting”. At this stage of the crop, it is critical to have a powerful, fast acting product like Belt covering leaves which will soon be difficult to reach.</p> <p>Good coverage is essential.</p> <p>For best results, Belt should be applied at egg hatch.</p>	YES
 <p>7-10 days after hearting</p>	<p>Rapid leaf growth during hearting may require a repeat spray about seven days later depending on pest pressure, or if Belt is used at the lower rate.</p> <p>Use the higher rate of Belt when not applying sequential applications or where repeat applications are made at intervals of 14 days.</p>	YES



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® and Blue Shield® are registered trademarks of the Bayer Group.