



# BELT®

## Users' guide for Capsicum

### Getting the best from Belt® insecticide in capsicums.

**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 is highly suited to IPM systems.

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




**Belt** should be used as a strategic spray in spray program which includes 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 the 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](http://www.croplife.org.au).

### BELT IN CAPSICUM CROPS AT A GLANCE

<b>Pests</b>	Heliothis
<b>Rate</b>	100 or 150 mL/ha (10 or 15 mL/100 L dilute sprays).
<b>Spray interval</b>	Up to 14 days (e.g. high pressure: < 7 days, low pressure: 7-14 days).
<b>Adjuvant</b>	Optional. If using a non-ionic wetting agent, apply at label rates (e.g. Agral® at 10 mL/100 L).
<b>Coverage</b>	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.
<b>Compatibilities</b>	<b>Belt</b> is compatible with Hasten®, Blue Shield® DF, Confidor® 200 SC, Kocide® 350 DF, Antracol®.
<b>WHP</b>	1 day
<b>Rainfastness</b>	Rainfast within 2-4 hours.

<p>Belt spray applications should be timed to maximise the full potential of your crop.</p> <p><b>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.</b></p>		Optimal spray times (max 3 sprays)
 <p>Early open capsicum crop – vegetative growth stage</p>	<p>In earlier stages (first weeks after transplanting), it is recommended that sprays with older insecticides, or perhaps other soft, “IPM friendly” insecticides (e.g. Bts, NPV, Avatar®, Success®) should be included.</p> <p>When plants are young, spray coverage is easier and rapid effect is less critical, and inclusion of alternative activity groups is good practice.</p>	NO
 <p>Flower head at fruit set</p>	<p>Commence using <b>Belt</b> when fruit set has begun. Follow local spray thresholds, and time sprays at or just after egg hatch for best results.</p> <p><b>Belt</b> should be rotated with the best of the alternative chemistry so that the benefit from the three applications of <b>Belt</b> is maximised.</p> <p>At the critical stages of the crop, it's important to have a powerful, fast acting product like <b>Belt</b> protecting the fruit. <b>Belt</b> has a short withholding period of one day so is easily integrated into tight picking schedules. Good coverage is essential.</p>	YES
 <p>Advanced fruit with red colour change</p>	<p>Spray intervals should not be greater than 14 days.</p> <p>Under heavy insect pressure, use shorter intervals and the higher rate of <b>Belt</b>.</p> <p>Use the higher rate of <b>Belt</b> when not applying sequential applications or where repeat applications are made at intervals exceeding seven days.</p>	YES



#### Want more information?

**For more information on getting the best out of Belt, visit [crop.bayer.com.au/belt](http://crop.bayer.com.au/belt) or talk to your local Bayer representative.**

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