



# BELT®

## Users' guide for Brassica

### Getting the best from Belt® insecticide in brassica crops.

**Belt** is a powerful, innovative insecticide based on the active ingredient flubendiamide from the Group 28 insecticide activity group.

**Belt** is “soft” on most beneficial species and pollinators, but is extremely effective on key lepidopteran pests. It's very active, rainfast quickly after spraying, and very stable to UV radiation. It shows translaminar activity and has a very long

residual effect. It's highly suited to IPM systems. **Belt** has a short (three day) withholding period in brassica crops.

Use **Belt** when it is really needed. It should be used 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 the Group 28 chemistry on less critical timings that can be adequately covered by other activity groups. Current resistance management guidelines are available on the website [www.croplife.org.au](http://www.croplife.org.au)

### BELT IN BRASSICA CROPS AT A GLANCE

<b>Pests</b>	Diamondback moth, cabbage white butterfly, cluster caterpillar, heliothis and soybean looper.
<b>Rate</b>	75-100 mL/ha (7.5-10 mL/100 L as dilute sprays).
<b>Spray interval</b>	Up to 14 days. (e.g. high pest pressure: < 7 days, low pest pressure: 7-14 days).
<b>Adjuvant</b>	Always add non-ionic wetting agent at appropriate label rates (e.g. Agral® at 10 mL/100 L). A wetter is essential on brassica crops.
<b>Coverage</b>	Ensure good spray coverage. Apply in a volume of 400-600 L/ha of spray mixture depending on crop stage/size. Dilute sprays should be to the point of runoff.
<b>Compatibilities</b>	<b>Belt</b> is compatible with Haster®, Blue Shield® DF, Confidor® 200 SC and Kocide® 350 DF.
<b>WHP</b>	3 days (harvest). Do not graze treated brassica crops.

Belt spray applications should be timed to maximise the full potential of your crop.

**APPLY BELT WHEN BRASSICA CROPS ARE MOST SUSCEPTIBLE TO GRUB DAMAGE AND PROTECTION OF THE CROP IS MOST CRITICAL.**

**Optimal  
spray times  
(max 3 sprays)**



Early open brassica crop

In the earlier stages (prior to the “buttoning” stage for heading crops such as broccoli or cauliflower, or the “wrapping” stage for leaf crops such as cabbage), it is recommended that sprays with other soft, “IPM friendly” insecticides (e.g. Bts, NPV or Avatar®) should be included.

At early open crop stages, spray coverage is easier and rapid effect is less critical, and inclusion of insecticides from alternative activity groups is good practice.

**NO**



Early wrap or buttoning stage

Commence using **Belt** just prior to or at the onset of “buttoning” for crops like broccoli and cauliflower, and at “wrapping” for crops like cabbage.

At this critical crop stage, it is vital to use a powerful, fast acting insecticide like **Belt**. Good coverage is essential.

For best results, **Belt** needs to be applied at or immediately after egg hatch.

**YES**



Mid head fill

In some circumstances, such as heavy pest pressure a follow up application may be required on a 7 day interval using a product with a different mode of action.

Use the higher rate of **Belt** when not applying sequential applications or where repeat applications are made at intervals not exceeding 14 days.

**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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