

## Dipel DF - Caterpillar control in a wide range of crops

Recent weather has been conducive to a wide range of lepidopteran pests, some of which have flown in from continental sources. The caterpillars of some species can be serious pests on a wide range of crops. A particular example is the silver Y moth. Others reported include :-

- Codling moth numbers have been high and above threshold for two or three weeks .... and a spray should have been applied.
- Fruit tree tortrix moth catches were low but are now starting to rise. Sprays applied for codling control will also affect this pest.
- Summer fruit tortrix moth numbers are also rising rapidly.
- Plum moth catches are increasing (source ADAS Fruit Notes 4June09)



Silver Y moth

**DiPel DF** is a selective and highly effective insecticide recommended on a wide range of vegetable, fruit and protected crops, with :-

- no maximum number of applications
- no harvest interval
- no residues
- and a unique mode of action.

It is applied just like any other insecticide, mixing the recommended dose rate with sufficient water to give good coverage of the target crop. It can be used in a programme in conjunction with other standard products such as fungicides and other insecticides.

**DiPel DF** is biodegradable, leaves no detrimental residues on the crop and is ideal for use as part of an Integrated Pest Management (IPM) programme.

**Dipel DF** can be stored, transported, handled and sprayed just like any other crop protection product.

**DiPel DF** is produced from a fermentation of a naturally occurring bacterium *Bacillus thuringiensis* var *kurstaki* (BtK) formulated as a water dispersible granule. This bacterium produces a product which is specifically harmful to lepidopteran insects, killing the caterpillar phase. Initially caterpillars quickly stop feeding and then death soon follows caused by internal cell lysis.

### Crops(See note 1) and Rates of use:

Outdoor cabbage*, Brussels sprouts, cauliflower, broccoli	Outdoor and protected ornamentals	Amenity vegetation,	Strawberries, raspberries	Protected tomato, cucumber and pepper
0.75 – 1.0 kg/ha**	0.75kg/ha	0.75kg/ha	75g/100L water	100g/100L water

\*In case of infestation with cabbage moth *Mamestra brassicae*, use higher rate.

\*\* Use lower rate for normal infestations of young larvae and higher rate for heavier infestations of advanced growth stages of pest.

(Note 1) SOLAs **Dipel DF** has a very large range of SOLAs on top fruit, soft fruit, salads, herbs and vegetable.

Water volume Field Crops	Water volume Protected crops:	Spray quality	Max No. of treatments	Latest time of application
400-1000 litres/ha.	400-2000litres/ha	Ensure good crop coverage	No restriction	No restriction

**Crop timing:** Apply **Dipel DF** as soon as the first larvae are seen, preferably during an active feeding period. Repeat every 7-10 days until the end of the hatching period. Avoid high sunlight intensity or temperatures above the general 10-20C range. Rainfast in 6 hours

**Pack size :** **Dipel DF** is packed in 0.5 kg packs.

For further information please try - [www.interfarm.co.uk/ProductGuide/](http://www.interfarm.co.uk/ProductGuide/) or ring Interfarm on 01354 741414, or email [technical@interfarm.co.uk](mailto:technical@interfarm.co.uk)

**Read the label before use. Use Pesticides safely**

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