



**Insecticide Resistance Management Strategies**  
**Developed by the CropLife Australia Insecticide Resistance Management Review Group**  
 Valid as at 27 June 2013

**Crop(s) : Sweet Corn**  
**Insect(s) : Heliothis / Native Budworm (*Helicoverpa* spp.)**

Region	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
North QLD North WA	No crop		NPV1 B.t. methomyl SP's emamectin			NPV B.t. methomyl SP's spinosad		NPV methomyl emamectin			B.t. SP's	No crop
South QLD South WA	NPV B.t. carbamates SP's spinosad emamectin		NPV B.t. methomyl SP's emamectin			No crop			NPV B.t. spinosad			NPV B.t. methomyl SP's
NSW/ VIC	NPV B.t. carbamates SP's spinosad emamectin		NPV B.t. carbamates SP's		No crop						NPV B.t. carbamates SP's emamectin	
TAS	NPV B.t. carbamates SP's emamectin			No crop								NPV B.t. carbamates SP's spinosad
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

For further information : Refer to both the Cotton and the Regional Southern NSW-Northern Victoria IRM strategies on the CropLife Australia website.

**Guidelines:**

1. The critical stage of infestation is during silking. Even low levels of heliothis infestation are unacceptable at the silking stage. Because sweet corn is less attractive to heliothis before flowering and it is picked soon after silking is completed, there is a relatively short period of protection required.
2. Use of biological insecticides, Bt and Nuclear Polyhedrosis Virus (NPV), in the early stages of crop development is encouraged

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Advice given in this strategy is **valid as at 27 June 2013**. All previous versions of this strategy are now invalid.  
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**Guidelines (cont.):**

3. Monitor crops regularly, at least weekly during silking and do not spray unless pest thresholds are exceeded.
4. Labels of new products place a limit on the number of applications. If further control is required on one planting, chemicals from different mode of action groups within the same window should be used.
5. Do not retreat a spray failure with a product from the same chemical group.
6. Do not use mixtures of insecticides for controlling heliothis.
7. Cultivation after harvest to destroy pupae will greatly assist in managing heliothis.
8. Seek local advice on pest incidence and on the risk of resistance developing from insecticide programs used to control heliothis in crops other than Sweet Corn.

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