



SPECIES OF NEMATODES

**CROPS AROUND** 

LEAVING FOOD DAMAGED AND INEDIBLE.<sup>1</sup> ) (...

THE WORLD

**INSECTICIDES** | IMPORTANT TOOLS FOR PREVENTING AND MANAGING INSECT PESTS

ANT-EATING

SPECIES OF

**INSECTS** 

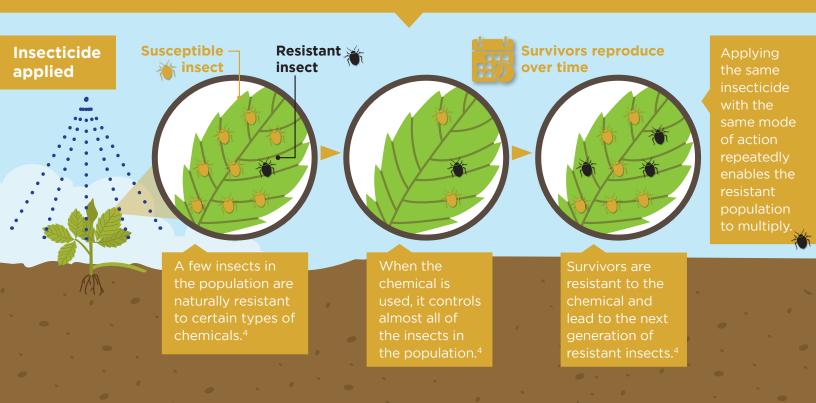
## WHAT ARE INSECTICIDES?

Insecticides are valuable tools used by farmers that can contribute to efficient food production because they **control insects and arthropods that reduce a crop's yield and quality.** 

While insecticides are among the most efficient tools for controlling pest populations,<sup>2</sup> all farmers are challenged by the fact that every insect control method has a limited life span because pests naturally evolve and become resistant.

## HOW DOES INSECTICIDE RESISTANCE EVOLVE?

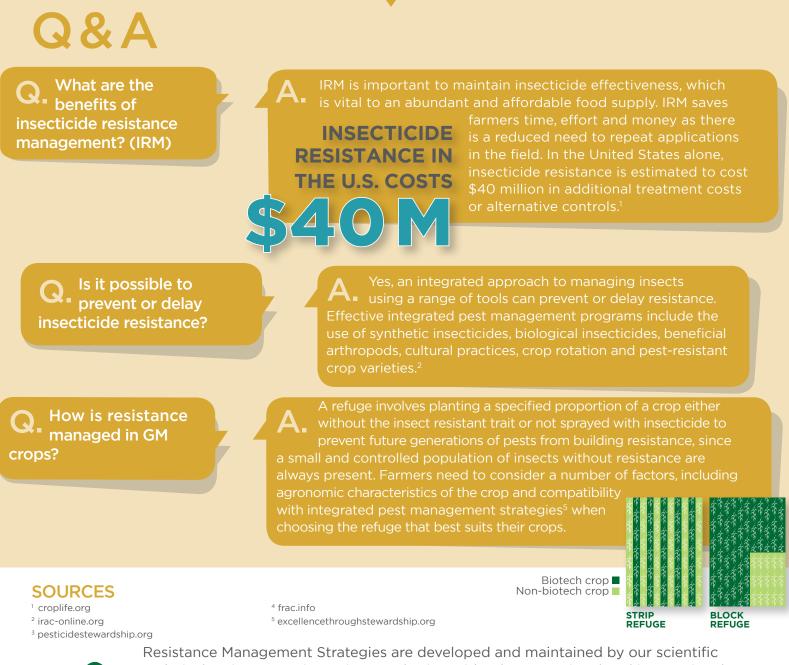
The more frequently farmers use a certain type of insecticide, the more likely resistance will occur. Certain factors, such as using the insecticide in an enclosed area (e.g. greenhouse), can also increase the risk of resistance.<sup>3</sup>





## MANAGING INSECTICIDE RESISTANCE

The plant science industry works with farmers, advisors and academia to provide guidance and tools that help them manage resistance on the farm.





Resistance Management Strategies are developed and maintained by our scientific technical review committees in consultation with relevant national and international experts. These strategies help all crop protection users sustainably control pests, weeds and diseases that are a constant threat to Australia's natural environment and our nations food, feed and fibre produce. Visit: **www.croplife.org.au** 

WWW.CROPLIFE.ORG.AU