



SPECIES OF NEMATODES

CROPS AROUND

LEAVING FOOD DAMAGED AND INEDIBLE.¹) (...

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,² 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 insecticides with the same active ingredient, 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.³





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.



IRAC

The Insecticide Resistance Action Committee (IRAC), a specialist technical group of CropLife International, works to provide a coordinated industry response to prevent or delay the development of resistance in insects and mites. For more information, visit **irac-online.org**.