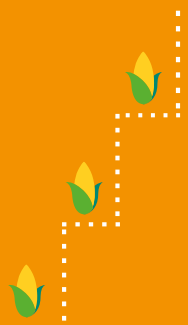
Integrated pest management (IPM)

IPM is a holistic approach to sustainable agriculture that focuses on managing insects, weeds and diseases through a combination of cultural, biological and chemical measures that are cost effective, environmentally sound and socially acceptable.[1] This includes the responsible use of crop protection and plant biotech products.

WHY IS IPM IMPORTANT?

GLOBAL POPULATION
is on the rise

and therefore so is
FOOD DEMAND



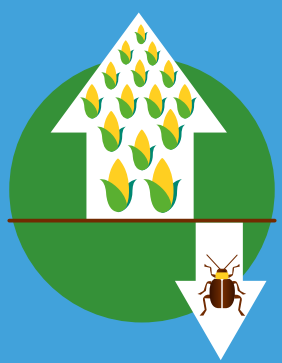
this means farmers must
INCREASE YIELDS
ON EXISTING LANDS

while
PROTECTING BIODIVERSITY
AND LOOKING AFTER THE ENVIRONMENT

IPM provides farmers with tools and strategies to
SUSTAINABLY MAXIMISE PRODUCTION

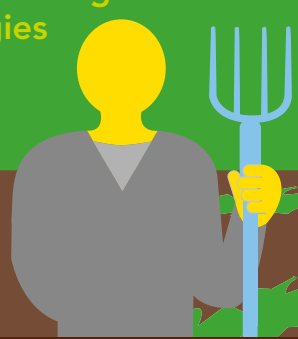
AND

MINIMISE LOSSES
DUE TO INSECTS, WEEDS AND DISEASES



KEY COMPONENTS OF AN IPM STRATEGY

FARMERS
are the primary decision makers in implementing IPM strategies



PREVENT
the build-up of pests

- understand conditions
- select varieties
- manage crops

MONITOR
crops for both pests and natural control mechanisms

- inspect fields
- identify issues
- determine action

INTERVENE
when control measures are needed

- choose method
- plan approach
- intervene responsibly

[1] ECPA and its member companies support the IPM definition put forth by the International Code of Conduct on Pesticide Management (FAO, 2012). See also Article 3 of Directive 128/2009/EC on Sustainable Use and its annex 3.

European Crop Protection

Integrated pest management

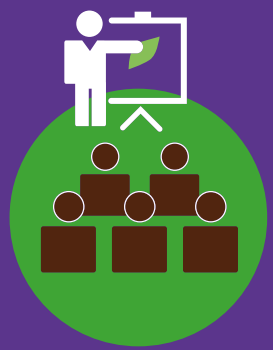
Role of the crop protection industry

RESEARCH & DEVELOPMENT

- Developing innovative chemistry and other control agents to manage insects, weeds and diseases
- Improving crop varieties with pest and disease resistant traits

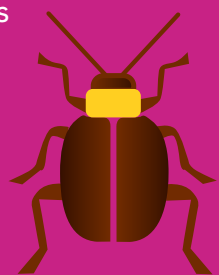
TRAINING

As part of an on-going commitment to stewardship, the crop protection industry has several initiatives in place providing for training on best management practices, including IPM strategies.



RESISTANCE MANAGEMENT

Over time, pests can develop resistance to different control methods. The plant science industry works to provide strategies and information that can help farmers manage insect, weed and disease resistance.



IPM TRAINING INCLUDES:

IDENTIFYING
beneficial insects

WHEN AND HOW
to manage pests

RESPONSIBLE USE
of crop protection products

PROPER DISPOSAL
of empty containers or unused products

The crop protection industry is committed to the worldwide implementation of IPM strategies and training on the responsible use of crop protection and plant biotech products. For more information, please visit www.ecpa.eu.

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