endure ipm training guide Sheet C4

CONTENTS & MODULES

IPM PRINCIPLE



Sustainable non-chemical control methods

Date (17/11/2010)

WHAT IS	Sustainable non-chemical methods are those cultural, biological, ethological, physical etc. methods, which provide satisfactory pest control without devastating costs for the farmer.
WHY	In IPM, sustainable biological, physical and other non- chemical control methods must be preferred to chemical methods if they provide satisfactory pest control. These methods are less harmful to human beings and to the environment than the conventional use of pesticides, resulting in less environmental load. They are an important contribution to the sustainable use of pesticides over the long term.
HOW	Possible methods:







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	as the economic, health and environmental impact of non- chemical methods.
EXAMPLE	Application of parasitoids (for example, <i>Trichogramma</i> species, which are microscopic wasps and parasitise the eggs of European corn borer, ECB) is widely used in many areas in Europe. Development of entomopathogenic nematodes against pests is also an example for this. Use of biological control tools (predators and parasitoids) in greenhouses is also common in Europe
SOURCES	 ▶ Draft Guidance Document for establishing IPM principles (http://www.endure-network.eu/about_crop protection/european_documents: BIPRO 2009 reports) ▶ on the ENDURE Information Centre: ENDURE GUIDE- Non-chemical Control of Corn Borers Using Trichogramma or Bt Maize Key words: measures → preventive measures or non-chemical control ▶ On the ENDURE website: ENDURE NETWORK - Easing the way for biological controls ▶ IPM Training Guide - Leaflet- The participatory approach
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