


Argument A 10	<h1 style="margin: 0;">Workers' safety and waste management</h1>
	<h2 style="margin: 0;">Environmental</h2>

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WHAT IS	<p>If not used appropriately, pesticides can be dangerous for those applying them and for the environment. The risk can be reduced by eliminating or reducing the hazard and/or exposure to the products concerned.</p> <p>Hazard is the effect of the product (active ingredient, surfactants) on health. Certain pesticides can produce acute or long-term effects if not used correctly.</p> <p>Exposure is a result of farmers' practices.</p> <p>The primary reduction in hazard is already achieved during the registration of the product. However, by implementing IPM principles, the risk of using pesticides can be reduced even further.</p>
WHY	<p>One of the principles behind IPM is to only use pesticides if there is no effective alternative. According to this principle, the risk of using the pesticides should also be reduced, as a smaller amount will be used and less waste produced.</p>
HOW	<p>Raise awareness of the risks of using pesticides by sharing with farmers this definition: Risk = Hazard x Exposure.</p> <p>You have to work with them on the definitions of the three components of the application of pesticides:</p> <ul style="list-style-type: none"> ▶ Knowledge of the danger: risk phases, hazard during the different phases of used products, features of products used. ▶ Knowledge of exposure: direct exposure by handling products, indirect exposure through contact with contaminated equipment, plants treated. <p>Spend some time with farmers to demonstrate how the reduction of pesticide use is a way to reduce risk:</p> <ul style="list-style-type: none"> ▶ By reducing the use of hazardous products (IPM General Principle 5 / The pesticides applied shall be as specific as possible for the target and shall have the least side effects on human health, non-target organisms and the environment); ▶ By increasing the use of products with lower or no risk (pheromones, biological controls) ▶ By using more non-chemical measures (IPM General Principle 4 / Sustainable biological, physical and other non-chemical methods must be preferred to chemical methods if they provide satisfactory pest control). <p>Ensure that you analyse with them the hazard of alternative</p>

	solutions. Some bio pesticides are hazardous, for example, <i>Bt</i> products are irritants or sensitizers.
SOURCES	<p>You can find relevant information on the ENDURE Information Centre:</p> <p><u>Keywords:</u> Measure > legislation > approved pesticides <i>Or</i> Measure > non-chemical control</p> <p>Point source pollution and handling of pesticides: http://www.topps-life.org/web/page.asp</p>