

CONTENTS & MODULES

MODULE 19



ALTERNATIVE WEED CONTROL IN ARABLE CROPS

Date (02/06/2010)

WHAT IS...	Integrated Weed Management (IWM) is a broad term covering many non-chemical methods that can be combined and applied in various ways to the crop to constitute an IWM strategy.
WHY	<p>Substantial reductions in herbicide input can be achieved in arable crops through using IWM.</p> <p>This crop management option uses less herbicide and gives the following advantages:</p> <ul style="list-style-type: none"> ► Environmental: less pollution ► Agricultural: less risk of resistance, positive effects on soil ► Economic: equivalent margins
HOW	<p>This includes various ready-to-use techniques such as stale seedbed preparation, pre-emergence cultivation, inter-row cultivation, band-spraying or broad-spraying at reduced doses where appropriate that can be used, in an adapted way, in arable crops.</p> <p>Some experimental techniques are being tested to establish their agricultural and economic feasibility for the future.</p>
EXAMPLES	Different examples of crop management are taken from 'Desherb'sol', a French network involving technical institutes, agricultural chambers and machinery co-operatives.
SOURCES	<ul style="list-style-type: none"> ► Cetiom website ► Bourgogne Chamber of Agriculture website ► On the ENDURE website: Integrated Weed Management Case Study – Guide Number 1 ► On the ENDURE Information Centre: <p>Keywords : measure > non-chemical control > mechanical measures</p>
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