

# **Application of Integrated Pest Management (IPM) at user level.**

Herd Number: \_\_\_\_\_

Year: \_\_\_\_\_

**Tick only the appropriate options currently practiced on your farm.**

<b>1. The prevention and/or suppression of harmful organisms</b>			
Crop rotation	<input type="checkbox"/>	Sterile seedbed technique	<input type="checkbox"/>
Clean machinery and equipment	<input type="checkbox"/>	Clean potato boxes/growing trays etc..	<input type="checkbox"/>
Nutrient management programme	<input type="checkbox"/>	Irrigation (applied to schedule)	<input type="checkbox"/>
Soil testing (pH, nutrients, OM)	<input type="checkbox"/>	Protect beneficial organisms	<input type="checkbox"/>
Certified seed	<input type="checkbox"/>	Full inversion tillage (plough)	<input type="checkbox"/>
Choose disease resistant varieties	<input type="checkbox"/>	Minimum cultivation	<input type="checkbox"/>
Management of crop residues	<input type="checkbox"/>	Soil structure & compaction	<input type="checkbox"/>
Use of optimal sowing date	<input type="checkbox"/>	Clean crop storage areas	<input type="checkbox"/>
Other (please specify)			
<b>2. Monitoring of harmful organisms</b>			
Use early warning/forecasting systems	<input type="checkbox"/>	Monitor crops for pests/diseases	<input type="checkbox"/>
Use weather forecast to aid decisions	<input type="checkbox"/>	Advisor monitors crops	<input type="checkbox"/>
Can identify main pests	<input type="checkbox"/>	Use traps/sticky pads/lures	<input type="checkbox"/>
Other (please specify)			
<b>3. Application of plant protection measures</b>			
Some crops treated preventatively	<input type="checkbox"/>	Advisor makes decision	<input type="checkbox"/>
Decisions jointly made with advisor	<input type="checkbox"/>	Some decisions based on pest thresholds	<input type="checkbox"/>
Other (please specify)			
<b>4. Sustainable biological, physical or other non-chemical methods</b>			
Use natural enemies	<input type="checkbox"/>	Use crop fleeces	<input type="checkbox"/>
Use micro-organism plant protection products	<input type="checkbox"/>	Use crop netting	<input type="checkbox"/>
Use propane burners for weed control	<input type="checkbox"/>	Use mechanical weeder (e.g., steerage hoe)	<input type="checkbox"/>
Use manual methods	<input type="checkbox"/>	Use deterrents (bangers, kites etc..)	<input type="checkbox"/>
Use of topper/mower for weed control	<input type="checkbox"/>		<input type="checkbox"/>
Other (please specify)			

<b>5. The pesticides applied shall be as specific as possible for the target pest.</b>			
Applications usually for multiple pests	<input type="checkbox"/>	Resistance development is considered	<input type="checkbox"/>
Different modes of action considered	<input type="checkbox"/>	Broad spectrum products avoided	<input type="checkbox"/>
Different products considered	<input type="checkbox"/>	Familiar with different product labels	<input type="checkbox"/>
Economics are considered	<input type="checkbox"/>	Use advisor to help decide on product(s)	<input type="checkbox"/>
Consider following crops	<input type="checkbox"/>	Buffer zones are considered	<input type="checkbox"/>
Use weed licker for weed control	<input type="checkbox"/>	Use of seed dressings	<input type="checkbox"/>
Avoid insecticide use where bees are foraging	<input type="checkbox"/>	Use drift 75% reducing nozzles	<input type="checkbox"/>
Use air assisted sprayer	<input type="checkbox"/>	Use drift 90% reducing nozzles	<input type="checkbox"/>
Other (please specify)			
<b>6. Use of pesticides at necessary levels</b>			
Use reduced rates of application	<input type="checkbox"/>	Use adjuvants to reduce PPP use	<input type="checkbox"/>
Partially treat / spot spray fields	<input type="checkbox"/>	Applications timed to minimise use	<input type="checkbox"/>
Reduce frequency of application	<input type="checkbox"/>		<input type="checkbox"/>
Other (please specify)			
<b>7. Anti-resistance strategies applied to maintain the effectiveness of the products</b>			
Use products with multiple modes of action	<input type="checkbox"/>	Use robust rates of PPPs	<input type="checkbox"/>
Use tank mixes with multiple modes of action	<input type="checkbox"/>	Keep abreast of resistance development	<input type="checkbox"/>
Familiar with different product labels	<input type="checkbox"/>		<input type="checkbox"/>
Other (please specify)			
<b>8. Success of the applied crop protection measure</b>			
Success or failure of intervention is measured	<input type="checkbox"/>	Member of discussion group	<input type="checkbox"/>
Success or failure of intervention is recorded	<input type="checkbox"/>	Results discussed with advisor	<input type="checkbox"/>
Crop yields are recorded	<input type="checkbox"/>		<input type="checkbox"/>
Other (please specify)			

Herd No: \_\_\_\_\_

**Pesticide Application Record**

Year: \_\_\_\_\_

Product Name (Trade Name)	STRIPE applied. (Buffer reduced) Y/N	PCS Number (as printed on product label)	Location LPIS No.	Crop (Winter or Spring)	Area/tonnage treated e.g. Ha or tonnes	Pesticide application rate e.g. L/Ha, Kg/ha	Date applied	Rationale / Reason (pest present, preventative treatment, resistance management, threshold exceeded, crop damaged etc...)

Type of Nozzle on Sprayer \_\_\_\_\_ STRIPE 75%  STRIPE 90%  NON STRIPE  Used a contractor   
Make of Sprayer \_\_\_\_\_ Model of Sprayer \_\_\_\_\_ Tank Capacity \_\_\_\_\_ Date sprayer last tested \_\_\_\_\_

Notes: