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

Herd Number: Year:

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

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

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| 1. **The pesticides applied shall be as specific as possible for the target pest.** | | | |
| Applications usually for multiple pests |  | Resistance development is considered |  |
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| Different modes of action considered |  | Broad spectrum products avoided |  |
|  |  |  |  |
| Different products considered |  | Familiar with different product labels |  |
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| Economics are considered |  | Use advisor to help decide on product(s) |  |
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| Consider following crops |  | Buffer zones are considered |  |
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| Use weed licker for weed control |  | Use of seed dressings |  |
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| Avoid insecticide use where bees are foraging |  | Use drift 75% reducing nozzles |  |
|  |  |  |  |
| Use air assisted sprayer |  | Use drift 90% reducing nozzles |  |
|  |  |  |  |
| Other (please specify) | | | |
| 1. **Use of pesticides at necessary levels** | | | |
| Use reduced rates of application |  | Use adjuvants to reduce PPP use |  |
|  |  |  |  |
| Partially treat / spot spray fields |  | Applications timed to minimise use |  |
|  |  |  |  |
| Reduce frequency of application |  |  |  |
|  |  |  |  |
| Other (please specify) | | | |
| 1. **Anti-resistance strategies applied to maintain the effectiveness of the products** | | | |
| Use products with multiple modes of action |  | Use robust rates of PPPs |  |
|  |  |  |  |
| Use tank mixes with multiple modes of action |  | Keep abreast of resistance development |  |
|  |  |  |  |
| Familiar with different product labels |  |  |  |
|  |  |  |  |
| Other (please specify) | | | |
| 1. **Success of the applied crop protection measure** | | | |
| Success or failure of intervention is measured |  | Member of discussion group |  |
|  |  |  |  |
| Success or failure of intervention is recorded |  | Results discussed with advisor |  |
|  |  |  |  |
| Crop yields are recorded |  |  |  |
|  |  |  |  |
| Other (please specify) | | | |

| **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…)** | **PU No** |
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