**Date Received: Control No:**

**Conservation Activity Plan – Integrated Pest Management Plan**

**Practice Activity Code (114)**

**Field Office Checklist and TSP Certification Plan Review**

**Purpose:** The purpose of this checklist is to provide guidance for components that need to be addressed or included in an Integrated Pest Management Pan (IPM). This checklist is designed for use by NRCS staff as well as Technical Service Providers. Please refer to CAP Development Criteria for specific elements to be addressed. Note: For initial TSP Certification the IPM CAP plan should be reviewed at the NRCS State Level.

**Instructions:** Mark a check in the box if the entire component is found to be adequate. For components found to be inadequate enter a remark describing the deficiency in the space provided at the end of the checklist. Notify the TSP of the deficiencies with a copy of the checklist.

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| **Integrated Pest Management Plan** |
| **State/County:** | **Date Plan Submitted:** |
| **Producer/Owner:** | **Technical Service Provider:** |

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| **A Integrated Pest Management (IPM) Plan** is an ecosystem-based strategy that is a sustainable approach to manage pests using a combination of techniques such as chemical tools, biological control, habitat manipulation and modification of cultural practices and use of resistant varieties.  |

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| **Minimum components of an Integrated Pest Management Plan shall include:** |
| **1.** |  **Background and site information** |
| [ ]  | 1. Name of owner/operator;
2. Tract and field(s) location;
3. Soils map and map unit legend;
4. Resource concerns;
5. Present site use and general management being applied;
6. History of pest management activities.
 |
| **2.** | **Site specific assessment of environmental risks associated with existing and alternative pest management system. This element provides a brief description and maps including:** |
| [ ]  | 1. Conservation Plan Map;
2. Field locations of planned acres;
3. Soil type and characteristics; note potential for runoff or permeability;
4. Identification of pests, crop, plant community condition and degree of infestation;
5. Irrigation system and management (where appropriate);
6. Locations of sensitive resource areas identified on the plan map to include: Streams, drains, surface waters, wetlands, wells, groundwater, drains, grassed waterways and existing buffer practices;
7. Potential off-target drift areas including sensitive wildlife habitat;
8. Risks to bees and other pollinators from pesticide drift;
9. Identification of beneficial predators and parasites (where appropriate);
10. Other risk mitigation practices in use;
11. Summary sheet of Environmental Hazard Statements for pesticides currently used and/or proposed for use.
 |
| **3.** | **Window Pesticide Screening Tool (WIN-PST)**  |
| [ ]  | 1. Soil-Pesticide Interaction Hazard Rating Report using the Windows Pesticide Screening Tool (WIN-PST).
2. Completed 595 Job Sheet (or equivalent) showing existing and planned mitigation practices.
 |
| **4.** | **Monitoring Guidelines: This element addresses monitoring strategies that utilize damage and economic thresholds to prevent pest resistance and potential harmful effects on human health and the environment. The monitoring should include:** |
| [ ]  | 1. List of crops to be maintained;
2. Scouting for insects (both beneficial and pest), disease, weeds with dates and results;
3. Weather monitoring or forecasting;
4. Degree-day prediction of pest life cycle events;
5. Other methods of monitoring and results, such as traps.
 |
| **5.** | **Michigan State University IPM guidelines for specific crops** |
| [ ]  | 1. Where available use Michigan State University issued crop specific Integrated Pest Management guidance for individual crops that indicate activities to be undertaken throughout the year based on the crop production cycle. Scouting for insects (both beneficial and pest), disease, weeds with dates and results;
2. Where available, use Michigan State University issued general Integrated Pest Management guidance for individual crops, pests and diseases & weather forecasting.

Note: There are non-state University organizations that likewise provide credible guidelines (i.e. Rodale Institute, Kutztown, PA). |

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| **6.** | **Record Keeping. This element addresses list of records that shall be maintained detailing:** |
| [ ]  | 1. Date of monitoring;
2. Results of monitoring;
3. Identification of both vertebrate and invertebrate pests;
4. Identification of beneficial insects enlisted;
5. Identification of crop and/or plant community condition;
6. Threshold of infestation;
7. Strategies implemented with dates;
8. All records required by state and federal regulations (including Drift Management Plan;
9. Records required or needed as part of the Michigan State University IPM guidelines being used.
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| **Yes** | **No** | **Checklist Approval** |
|  |  | I have reviewed this Integrated Pest Management Plan and it meets all the criteria of the Conservation Activity Plan 114 in accordance with NRCS-Michigan Field Office Technical Guide.  |
| NRCS Representative Name and Title (print or type): |
| NRCS Representative Signature: | Date: |
| Notes: If the plan is inadequate, include a description of all deficiencies, including missing items that need to be added and other corrective actions as needed. |

**Certified TSPs**: Submit the completed Integrated Pest Management Plan to the local NRCS Field Office servicing the client.

**NRCS Reviewers**: submit a copy of the completed checklist to the State Resource Conservationist & maintain a copy in the case file for contract documentation. If the local conservationist does not have the appropriate Pest Management Certification to review the plan forward the plan to your Area Office for review.