

Date Received:

Control No:

## Field Office Checklist and TSP Certification Sample Plan Review

### Conservation Activity Plan – Integrated Pest Management Plan Practice Activity Code (114)

(Refer to National Bulletin 450-11-1 for a complete listing of CAP Criteria)

**Purpose:** The purpose of this checklist is to provide guidance for components that need to be addressed or included in a 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.

**Instructions:** Note: The IPM CAP sample plan should be reviewed at the State level and is not required to be reviewed by National Headquarters. However, should the State not have the technical specialist to conduct the review, requests can be submitted (by the State Office) to NHQ for review. Submit the completed checklist and sample plan by mail or email to Tim Pilkowski, Natural Resources Specialist, TSP Team. See below for address info.

Integrated Pest Management Plan	
<b>State/County:</b>	<b>Date Plan Submitted:</b>
<b>Producer/Owner:</b>	<b>Technical Service Provider:</b>
<p><b>A Integrated Pest Management (IPM) Plan</b> 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.</p> <p>Technical Guidance, Criteria, and Content for the IPM Plan is found at the URL: eDirectives <a href="http://directives.sc.egov.usda.gov/">http://directives.sc.egov.usda.gov/</a>. Navigate to: General Manual Title 190 Ecological Sciences, Part 404 – Pest Management.</p> <p><b>Minimum components of a Integrated Pest Management Plan shall include:</b></p>	

1.	Background and site information
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. Name of owner/operator;</li> <li>b. Tract and field(s) location;</li> <li>c. Soil map units;</li> <li>d. Resource concerns;</li> <li>e. Present site use and general management being applied;</li> <li>f. History of pest management activities</li> </ul>

2.	<b>Site specific assessment of environmental risks associated with existing and alternative pest management system. This element provides a brief description and maps including:</b>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. Conservation Plan Map;</li> <li>b. Field locations of planned areas;</li> <li>c. Soil type and characteristics; note potential for runoff or permeability;</li> <li>d. Site conditions risk description;</li> <li>e. Identification of pests, crop, plant community condition and degree of infestation;</li> <li>f. Irrigation system and management (where appropriate);</li> <li>g. 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;</li> <li>h. Sensitive wildlife habitat (on and off-site), food plots;</li> <li>i. Potential off-target drift areas;</li> <li>j. Identification of beneficial predators and parasites;</li> <li>k. Consideration for pollinator habitat and pollinator protection;</li> <li>l. Other risk mitigation practices in use</li> </ul>
3.	<b>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:</b>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. List of crops to be maintained;</li> <li>b. Scouting for insects (both beneficial and pest), disease, weeds with dates and results;</li> <li>c. Soil test result;</li> <li>d. Weather forecasting;</li> <li>e. Degree-day prediction of pest life cycle events;</li> <li>f. Other methods of monitoring and results, such as pheromone traps</li> </ul>
4.	<b>State University IPM guidelines for specific crops. This element addresses individual State university year round Integrated Pest Management Programs to be utilized by planners:</b>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. Where available use State Agricultural 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;</li> <li>b. Where available, use State Agricultural University issued integrated Pest Management guidance for individual crops, pests and diseases &amp; weather forecasting;</li> </ul> <p>Note: There are non-state University organizations that likewise provide credible guidelines (i.e. Rodale Institute, Kutztown, PA).</p>
5.	<b>Record Keeping. This element addresses list of records that shall be maintained detailing:</b>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. Date of monitoring;</li> <li>b. Results of monitoring;</li> <li>c. Identification of both vertebrate and invertebrate pests;</li> <li>d. Identification of beneficial insects enlisted;</li> <li>e. Identification of crop and/or plant community condition;</li> <li>f. Threshold of infestation;</li> <li>g. Strategies implemented with dates;</li> <li>h. All required records required by state and federal requirements;</li> <li>g. Records required or needed as part of the state University IPM guidelines being used.</li> </ul>

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 Section 2508 of the Food, Conservation and Energy Act of 2008.
NRCS Representative Name and Title (print or type):		
NRCS Representative Signature		Date:
Notes (If "No" is checked, include reasons for denial, comments, missing items that need to be added, etc.):		

**e-mail:**

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