

Date Received:

Control No:

## Field Office Checklist and TSP Certification Sample Plan Review

### Conservation Activity Plan – Integrated Pest Management Herbicide Resistance Weed Conservation Plan Practice Activity Code (154)

(Refer to National Bulletin 450-12-2 for a complete listing of CAP Criteria)

**Purpose:** The purpose of the checklist is to provide guidance for elements that need to be addressed or included in the Conservation Activity Plan (CAP). This checklist is designed for use by NRCS staff and Technical Service Providers. NRCS staff should use the checklist for technical review of the sample plans submitted as part of the certification process as well as for administrative review upon completion of all other plans submitted. It is the TSP's responsibility to follow the CAP Plan Development Criteria for specific elements and the detail of each element to be included in the plan.

**Instructions:** The checklist should be completed and submitted with the sample plan or the hardcopy of the client's plan as described below:

- **Prospective TSP's** should submit the completed checklist and sample plan by mail or email (complete plans should be sent as a single electronic file for example pdf, word or scanned file) to the appropriate State TSP Coordinator for technical review to become a certified TSP. A list of State TSP Coordinators can be found at: [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/technical/tsp/?cid=s\\_telprdb1043101](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/technical/tsp/?cid=s_telprdb1043101).
- **Certified TSP's** should submit the completed checklist, hardcopy and electronic copy of the client's plan to the local NRCS Field Office or appropriate State TSP Coordinator for administrative review.
- **NRCS Staff** should complete the checklist for administrative review and place the completed checklist in the client's file. Administrative review involves a review of the content of the plan to ensure all required elements are present, but does not involve technical review for correctness. (Please Note: If technical review is needed, the completed checklist and client plan should be forwarded to the appropriate State Office staff or NHQ for technical review.)

Please Note: Should a State not have the technical specialist to conduct the technical review, requests can be submitted (by the State Office) to NHQ for review. For NHQ review please submit the complete plan and checklist by mail or email to the TSP Team. See below for address information.

## Integrated Pest Management Herbicide Resistance Weed Conservation Plan

<b>State/County:</b>	<b>Date Plan Submitted:</b>
<b>Producer/Owner:</b>	<b>Technical Service Provider:</b>

**An Integrated Pest Management Herbicide Resistance Weed Conservation Plan** is ecosystem-based with emphasis to modify herbicide use for suppressing weeds on cropland by utilizing IPM strategies such as Prevention, Avoidance, Monitoring and Suppression.

Technical Guidance, Criteria, and Content for the IPM Plan is found at the URL: eDirectives <http://directives.sc.egov.usda.gov/>. Navigate to: General Manual Title 190 Ecological Sciences, Part 404 – Pest Management; Manuals, Title 190 Ecological Sciences, National Agronomy Manual, Parts 501-504, 507 and 508 and Technical Notes Title 190 Ecological Sciences, Agronomy, Technical Note #5.

**Minimum components of a IPM Herbicide Resistance Plan shall include:**

<b>1.</b>	<b>Background and site information:</b>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. Name of owner/operator;</li> <li>b. Farm location and mailing address;</li> <li>c. Total acres of the plan;</li> <li>d. Soil map and soil map unit descriptions using the Web Soil Survey as a minimum printout;</li> <li>e. List and document information on the template or jobsheet about the site condition, herbicide resistant weeds and tools needed.</li> </ul>
<b>2.</b>	<b>Site specific assessment of environmental risks associated with existing and alternative weed 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:               <ul style="list-style-type: none"> <li>1. Location of sensitive areas such as streams, surface water/drainage and wetlands on or adjacent to site;</li> <li>2. Property lines, field boundaries, field name/number, field acres and land use;</li> <li>3. Map scale and legend;</li> <li>4. Structural practices located on a map;</li> <li>5. Grower name, county and state.</li> </ul> </li> </ul>
<b>3.</b>	<b>IPM key essential technique of an IPM Herbicide Resistance Weed Conservation Plan Monitoring/Scouting. This element addresses monitoring/scouting strategies that addresses weed population levels, minimizing weeds maturity and the reduction of seed production. The scouting report should include:</b>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. List of crops to be grown/managed;</li> <li>b. Weed thresholds which may be a goal of zero based on the tolerant level for the specific weed and monitoring frequency;</li> <li>c. Scouting plan for weeds: specifying scouting frequencies based on time of season and weed species. Where needed include post harvest scouting plans.</li> </ul>
<b>4.</b>	<b>Window Pesticide Screening Tool (WIN-PST) should be used and based on:</b>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. Site specific assessment relative to pesticide leaching, solution runoff and adsorbed runoff risks to water quality.</li> </ul>

<b>5.</b>	<b>Recordkeeping. 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 crop and/or plant community condition;</li> <li>d. Threshold of infestation or tolerant level for each specific weed;</li> <li>e. Tactics implemented with dates;</li> <li>f. All required pesticide application records required by state and federal requirements;</li> <li>d. Records required or needed as part of the State University IPM guidelines being used.</li> </ul>
<b>6.</b>	<b>Typical Conservation Practices that support an IPM Herbicide Resistance Weed Conservation Plan:</b>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. Document the planned conservation practices and the site specific specifications which should be attached to the template, in a NRCS approved jobsheet or separate plan;</li> <li>b. For all other practices, the practice shall be documented for the planned amount, fields where the practice is to be applied and the planned year of application;</li> <li>c. Herbicide use is the last building box of planning tactical sequence for an IPM Herbicide Resistance weed plan. It should be noted that herbicides are not the do all for weed suppression. Consideration should be given to proper timing, proper weather conditions, rotate different herbicides and mode of action. Make use of extension recommendations and follow label warnings/instructions.</li> </ul>
<b>7.</b>	<b>Deliverables:</b>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. Complete hardcopy of the client's plan: <ul style="list-style-type: none"> <li>1. Cover Page-name, address and phone for client and TSP, total acres of the pan and required signature blocks;</li> <li>2. Soils Map and soil map unit descriptions using the Web Soil Survey as a minimum printout;</li> <li>3. Resource Assessment results documented in the template or add printouts from assessment tools (RUSLE2 and WEPS);</li> <li>4. Provide the Window Pesticide Screening Tool (WIN-PST) Soil/Pesticide Interaction Hazard Rating report (only if rating is intermediate or higher);</li> <li>5. Management Practices that include planned practices, site specific specifications including how, when, and extent (acres/number) that will be applied;</li> <li>6. Engineering/structural practices that include planned practice and when, extent and location on Conservation Plan Map;</li> <li>7. Digital Conservation Plan Map.</li> </ul> </li> <li>b. Complete hardcopy and electronic copy of client's plan for NRCS.</li> </ul> <p><b>Optional</b>-Use of the Plan Template developed for this CAP is optional, but recommended. If the Conservation Plug-In/CPlanner is used for plan development and Conservation Plan Map, Soils Map and planned/structural practices are developed from use of this program, these do not need to be included again in Plan Template.</p>

Yes	No	Checklist Approval
<input type="radio"/>	<input type="radio"/>	I have administratively reviewed this IPM Herbicide Resistance Weed Conservation Plan and it meets all the criteria of the Conservation Activity Plan 154 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.):

**Email:** [tsp@wdc.usda.gov](mailto:tsp@wdc.usda.gov).

**Mailing Address:** **Technical Service Provider Team**  
USDA - Natural Resources Conservation Service  
1400 Independence Ave SW, Room 6016  
Washington, DC 20250