

Date Received:

Control No:

## Field Office and TSP Certification Plan Review Checklist

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

(Refer to National Bulletin 450-13-3 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). The checklists are recommended for use by NRCS staff and Technical Service Providers, but are not required. NRCS staff can use the checklist for administrative review of the sample plans submitted as part of the certification process as well as all other plans submitted after a TSP is certified. TSPs can use the checklist for a general guidance of elements to include in the plan, but it is still the TSP's responsibility to follow the CAP Plan Development Criteria for specific elements and the detail of each element to be included.

**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: <https://techreg.sc.egov.usda.gov/RptStateContact4Admin.aspx>.
- **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 a conservation activity plan that documents decisions by producers who agree to implement a system of conservation practices and IPM techniques with an emphasis on herbicide use orientation to suppress herbicide resistant weeds at the same time reduce the potential of herbicide resistant weeds establishing again in the treated area of cropland by utilizing the four IPM strategies: 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 an 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 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. To assist with the implementation of the practice standard (595) utilize the Agronomy Technical Note 5 located in the eDirectives.</b>
<input type="checkbox"/>	
<b>3.</b>	<b>Conservation Plan Map that includes:</b>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>a. Location of sensitive areas such as streams, surface water/drainage and wetlands on or adjacent to site;</li> <li>b. Property lines, field boundaries, field name/number, field acres and land use;</li> <li>c. Map scale and legend;</li> <li>d. Structural practices located on a map;</li> <li>e. Grower name, county and state.</li> </ul>
<b>4.</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>

5.	<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> <li>b. If IPM 595 is planned to mitigate risks associated with pesticides prepare Implementation Requirements using Pest Management and the 595 Jobsheet 2.1.xlsm or other state NRCS accepted document.</li> </ul>																						
6.	<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>																						
7.	<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 to address the identified resource concerns.</li> <li>b. For the following planned conservation practices develop the appropriate specification to implement the conservation practices in the appropriate Implementation Requirements documents (formerly Jobsheet). The documents are located in Section IV of the eFOTG for the respective state.</li> </ul> <table border="1" data-bbox="456 1056 1458 1472"> <thead> <tr> <th>Code</th> <th>Practice Name</th> </tr> </thead> <tbody> <tr> <td>314</td> <td>Brush Management</td> </tr> <tr> <td>327</td> <td>Conservation Cover</td> </tr> <tr> <td>328</td> <td>Conservation Crop Rotation</td> </tr> <tr> <td>329</td> <td>Residue and Tillage Management, No-Till/Strip Till/Direct Seed</td> </tr> <tr> <td>340</td> <td>Cover Crop</td> </tr> <tr> <td>344</td> <td>Residue Management, Seasonal</td> </tr> <tr> <td>345</td> <td>Residue and Tillage Management, Mulch Till</td> </tr> <tr> <td>346</td> <td>Residue and Tillage Management, Ridge Till</td> </tr> <tr> <td>484</td> <td>Mulching</td> </tr> <tr> <td>585</td> <td>Stripcropping</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>c. For all other practices the practice shall be documented for the planned amount, the fields where the practice is to be applied and the planned year of application;</li> <li>d. 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>	Code	Practice Name	314	Brush Management	327	Conservation Cover	328	Conservation Crop Rotation	329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed	340	Cover Crop	344	Residue Management, Seasonal	345	Residue and Tillage Management, Mulch Till	346	Residue and Tillage Management, Ridge Till	484	Mulching	585	Stripcropping
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8.	<b>Deliverables:</b>																						
	<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 plan and required signature blocks;</li> <li>2. All the appropriate Jobsheets and/or Implementation Requirements for the practices listed above;</li> </ul> </li> </ul>																						

<input type="checkbox"/>	<ol style="list-style-type: none"> <li>3. Soils Map and soil map unit descriptions using the Web Soil Survey as a minimum printout;</li> <li>4. Resource Assessment results documented in the template or add printouts from assessment tools (RUSLE2 and WEPS);</li> <li>5. Provide the Window Pesticide Screening Tool (WIN-PST) Soil/Pesticide Interaction Hazard Rating report (only if rating is intermediate or higher) and IPM Implementation Requirements using Pest Management and the 595 Jobsheet 2.1.xlsm or other state NRCS accepted document (only if rating is intermediate or higher);</li> <li>6. For engineering/structural practices document in the 154 Plan Template the planned practice when it will be applied, extent and location on the conservation plan map;</li> <li>7. Digital Conservation Plan Map.</li> </ol>
<input type="checkbox"/>	<p>b. Complete hardcopy and electronic copy of client's plan for NRCS.</p> <p><b>Optional</b>-Use of the Plan Template developed for this CAP is optional, but recommended. CAP 154 Template Conservation Plan Spt IPM Herbicide Resistance Weed August 2012.docx is available on the TSP website at <a href="http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/programs/technical/tsp/?cid=stelprdb1046968">http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/programs/technical/tsp/?cid=stelprdb1046968</a>.</p>

Yes	No	Checklist Approval
<input type="checkbox"/>	<input type="checkbox"/>	I have administratively reviewed this Integrated Pest Management, Herbicide Resistance Weed Conservation Plan and it meets all the FY13 Plan Development Criteria for Conservation Activity Plan 154.
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