

Date Received:

Control No:

Field Office Checklist and TSP Certification Sample Plan Review

Conservation Activity Plan – Transition from Irrigated to Dryland Farming and Ranching Plan Practice Activity Code (134)

(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 Transition from Irrigated to Dryland Farming and Ranching Plan. 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 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.

Transition from Irrigated to Dryland Farming and Ranching Plan

State/County:

Date Plan Submitted:

Producer/Owner:

Technical Service Provider:

A Transition from Irrigated to Dryland Farming and Ranching Conservation Activity Plan is a conservation system that focuses on crop yield sustainability and water conservation/water harvesting techniques.

Minimum components of a Transition from Irrigated to Dryland Plan shall include:

1. Background and Site Information

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- a. Name of owner/operator;
 - b. Farm location and mailing address;
 - c. Soil map units;
 - d. Conservation plan map;
 - e. Total acres to be transitioned to dryland;
 - f. Field names or codes;
 - g. Date producer began management or parcel;
 - h. List of crops grown on the parcel, with acreage for each crop;
 - i. Description of the water right for the property;
 - j. Description of the current state of affairs concerning water, Endangered Species Act, Clean Water Act, fish re-introduction, local concerns, etc.

2.	Current Fertility, Soil Quality and Erosion Control Element
<input type="checkbox"/>	<ul style="list-style-type: none"> a. Crop rotation plan; b. List of cover crops, hedgerows or other diversified plantings in annual and perennial crops; c. List of nutrients applied (incorporated, foliar, soil inoculants, compost); d. Results of soil tests, tissue tests, microbiological tests, crop quality testings; e. Cover crop management; f. Method and frequency of fertility management monitoring; g. Methods of erosion control and documentation: (soil map units used for erosion prediction and predicted soil erosion from wind and/or water as a result of planned using approved prediction tools such as RUSLE2 and/or WEQ when applicable).
3.	Factors to Consider in Transition from Irrigated to Dryland Plan-Cropping System Element
<input type="checkbox"/>	<ul style="list-style-type: none"> a. Historic precipitation patterns and rainfall probabilities; b. Crop marketability and potential profitability; c. Insect cycles and potential disease organisms; d. Crop water use patterns; e. Snow management; f. Weed control options and evaluation of ability to rotate herbicide types; g. Optimum row widths; h. Potential phytotoxicity; i. Equipment needs; j. Pollinator habitat and pollinator protection
4.	Planned Sustainable Dryland Cropping System. The underlying principles directed at the development of a sustainable dryland cropping system should include four elements
<input type="checkbox"/>	a. Rotation intensity: Must plan for a crop succession of sufficient intensity to assure maximum use of effective precipitation.
<input type="checkbox"/>	b. Rotation diversity: Promotes greater stability and diminished external input requirements. Diversity minimizes the fluctuation in crop yields, ability to spread out workload and fixed costs, and the reduction of weather and price risks.
<input type="checkbox"/>	c. Management: Using tillage and planting methods that reduce soil disturbance and renew dependence on cultural practices that will reduce reliance on costly technology.
<input type="checkbox"/>	d. Transition plan: Length of transition (e.g. one-ten years) for switching from irrigated to dryland for any particular part of the operation.
5.	Livestock (when applicable to the operation)
<input type="checkbox"/>	<ul style="list-style-type: none"> a. Description of livestock and livestock products, processing; b. Crop production activities if growing livestock feed; c. Source of water; d. Drought plan; e. Prescribed grazing plan without irrigation
6.	Associated Conservation Practices - The Transition from Irrigated to Dryland Plan shall address the resource concerns identified and the conservation practices needed to comprise a <u>dryland</u> conservation system.
<input type="checkbox"/>	<ul style="list-style-type: none"> a. Planned conservation practices; b. Site specific specifications for the practice; c. Amount to be applied;

	d. Schedule of application
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Yes	No	Checklist Approval
		I have reviewed this Transition from Irrigated to Dryland Plan and it meets all the criteria of the Conservation Activity Plan (134) 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.):		

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