Practice: 134 - Conservation Plan Supporting Transition from Irrigation to Dry-land Farming Plan (Only for use in approved AWEP project areas)

Scenario: #1 - AWEP Transition CAP

Scenario Description:

Typical operation is 100 acres of irrigated corn, soybeans, wheat or other grain crops. Cropland fields are typically less than 1% slope and irrigated using a sprinkler system. Natural Resource Concern: Water Quality and Water Quantity on Irrigated Cropland.

Before Situation:

Producer farms field crops on 100 acres of irrigated land. Source of irrigation water is pumped from a depleting groundwater aquifer. Fields are sometimes subject to erosion causing sedimentation and impacts to surface water quality. Associated Practices: 328-Conservation Crop Rotation; 340-Cover Crop; 330-Contour Farming; 386-Field Border; 393-Filter Strip; 422-Hedgerow Planting; 484-Mulching; 512-Forage and Biomass Planting; 345-Residue and Tillage Management, Mulch Till; 329-Residue Management, No Till/Strip Till/Direcdt Seed; 346-Residue Management, Ridge Till; 344-Residue Management, Seasonal; 585-Stripcropping; 380-Windbreak/Shelter Belt Establishment; 590-Nutrient Management; 595-Integrated Pest Management; 528-Prescribed Grazing; 600-Terrace; 636-Water Harvesting Catchment; Other enginerring practices as needed.

After Situation:

After EQIP contract approval, participant has obtained services from a certified TSP for development of the "Conservation Plan Supporting Transition from Irrigation to dry-land Farming" conservation activity plan (CAP). The CAP criteria requires the plan to identify the resource concerns associated with water quality and water conservation as prioritized in the approved AWEP project area. The AWEP project partner has encouraged the participant to develop a plan to transition from irrigated cropland to dry-land cropland. The CAP plan will provide the participant with alternatives and identify conservation practices which will assist the producer during the transition period as well as address water quality/quantity resource concerns.

Scenario Feature Measure: Number

Scenario Unit: Number

Scenario Typical Size: 1

Scenario Cost: $1,592.70 **Scenario Cost/Unit:** $1,592.70

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price ($/unit)	Quantity	Cost
Labor						
Cap Labor, conservation scientist	1300	Conservation Activity Plan labor to manage, improve, and protect natural resources to maximize their use without damaging the environment. Interprets resource information and assess resource conditions to provide conservation practice alternatives to producers to make decisions on the treatment of their soil, water, air, plant, animal, and energy resources. May instruct farmers, agricultural production managers, or ranchers in best ways to use crop rotation, contour plowing, or terracing to conserve soil and water; in the number and kind of livestock and forage plants best suited to particular ranges; and in range and farm improvements, such as fencing and reservoirs for stock watering.	Hour	$53.09	30	$1,592.70