

Approved Land Uses, Resource Concerns, and Conservation Practices to Support the Ogallala Aquifer Initiative

Approved Land Use

Crop, Grazed Range, Hay, Headquarters, Pasture, Wildlife

Approved Resource Concerns

Water Quantity (Primary)
Aquifer Overdraft
Inefficient Water Use on Irrigated Land
Reduced Storage of Water Bodies by Sedimentation Accumulation
Water Quality (Secondary)
Excessive Nutrients and Organics in Groundwater
Excessive Nutrients and Organics in Surface Water
Excessive Salinity in Groundwater
Excessive Salinity in Surface Water
Excessive Suspended Sediment and Turbidity in Surface Water
Harmful Levels of Pesticides in Groundwater
Harmful Levels of Pesticides in Surface Water

Approved Conservation Practices (CPs)

Core CPs —A conservation practice listed in the electronic Field Office Technical Guide (eFOTG) that is essential to address the natural resource concerns identified by an initiative.	Code
Conservation Crop Rotation	328
Residue and Tillage Management No-till/Strip Till/Direct Seed	329
Residue and Tillage Management, Mulch Till	345
Water Well Decommissioning	351
Irrigation Pipeline	430
Irrigation System, Microirrigation	441
Irrigation System, Sprinkler	442
Irrigation Water Management	449
Forage and Biomass Planting	512
Prescribed Grazing	528
Range Planting	550
Nutrient Management	590
Integrated Pest Management	595
Wetland Restoration	657
Wetland Creation	658
Wetland Enhancement	659

Supporting CPs —A conservation practice listed in the eFOTG that may be needed to facilitate the implementation of a core practice or, along with other approved practice, needed to address the natural resource concerns identified by the initiative.	Code
Cover Crop	340
Residue and Tillage Management, Ridge Till	346
Access Control	472
Livestock Pipeline	516
Pumping Plant	533
Structure for Water Control	587
Watering Facility	614
Upland Wildlife Habitat Management	645

Conservation Practice—Resource Concern Matrix

NRCS Approved Resource Concerns	Water Quality-Excessive Salinity in Groundwater	Water Quality-Excessive Salinity in Surface Water	Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water	Water Quality-Harmful Levels of Pesticides in Groundwater	Water Quality-Harmful Levels of Pesticides in Surface Water	
NRCS Natural Resource Concern Categories for ProTracts AERT. "C" = Core Practice required to be offered; "X" = Supporting Practice optional to be offered; "System" = if offered, practice must be implemented as a system addressing the indicated resource concern.						
Conservation Practice	Code					
Access Control	472	System	System	X	System	X
Conservation Crop Rotation	328	C	C	C	C	C
Cover Crop	340	X	System	X	X	X
Forage and Biomass Planting	512	C	C	C	C	C
Integrated Pest Management	595	C, System	C, System	C, System	C	C
Irrigation Pipeline	430	C	C	C	C, System	C, System
Irrigation System, Microirrigation	441	C	C, System	C, System	C	C
Irrigation System, Sprinkler	442	C	C	C, System	C	C
Irrigation Water Management	449	C	C	C	C	C
Nutrient Management	590	C	C	C, System	C, System	C, System
Livestock Pipeline	516	System	System	System	System	System
Prescribed Grazing	528	C	C	C	C	C
Pumping Plant	533	System	System	System	System	System
Range Planting	550	C	C	C	C	C
Residue and Tillage Management, Mulch Till	345	C, System	C	C	C	C
Residue and Tillage Management, No-Till/Strip Till/Direct Seed	329	C, System	C	C	C	C
Residue and Tillage Management, Ridge Till	346	System	X	X	X	X
Structure for Water Control	587	System	System	X	System	System
Upland Wildlife Habitat Management	645	System	System	X	System	System
Water Well Decommissioning	351	C	C, System	C, System	C	C, System
Watering Facility	614	System	X	X	System	System
Wetland Creation	658	C, System	C	C	C	C
Wetland Enhancement	659	C, System	C	C	C	C
Wetland Restoration	657	C, System	C	C	C	C

NRCS Approved Resource Concerns	Water Quantity-Aquifer Overdraft	Water Quantity-Inefficient Water Use on Irrigated Land	Water Quantity-Reduced Storage of Water Bodies by Sediment Accumulation	Water Quality-Excessive Nutrients and Organics in Groundwater	Water Quality-Excessive Nutrients and Organics in Surface Water	
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Integrated Pest Management	595	C, System	C, System	C, System	C, System	C, System
Irrigation Pipeline	430	C, System	C	C, System	C, System	C
Irrigation System, Microirrigation	441	C	C	C	C	C
Irrigation System, Sprinkler	442	C	C	C	C	C
Irrigation Water Management	449	C	C	C	C	C
Nutrient Management	590	C, System	C, System	C, System	C	C
Pipeline	516	System	System	System	System	System
Prescribed Grazing	528	C, System	C, System	C	C	C
Pumping Plant	533	X	X	System	System	System
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Residue and Tillage Management, Ridge Till	346	System	X	X	System	X
Structure for Water Control	587	System	X	X	System	System
Upland Wildlife Habitat Management	645	System	System	X	System	System
Water Well Decommissioning	351	C	C, System	C, System	C	C, System
Watering Facility	614	System	System	X	System	System
Wetland Creation	658	C	C, System	C	C	C
Wetland Enhancement	659	C, System	C, System	C	C	C
Wetland Restoration	657	C, System	C, System	C	C	C