

**Approved Land Uses, Resource Concerns, and Conservation Practices to Support the National Organic Initiative (NOI)**

**Approved Land Uses**

Crop, Forest, Grazed Forest, Grazed Range, Hay, Headquarters, Pasture

**Approved Resource Concerns**

<b>Soil Condition</b>
Organic Matter Depletion
Compaction
Containments—Animal Waste and Other Organics—K
Containments—Animal Waste and Other Organics—N
Containments—Animal Waste and Other Organics—P

<b>Soil Erosion</b>
Sheet and Rill
Wind
Classic Gully
Ephemeral Gully

<b>Water Quality</b>
Excessive Nutrients and Organics in Groundwater
Excessive Nutrients and Organics in Surface Water
Excessive Suspended Sediment and Turbidity in Surface Water
Harmful Levels of Pathogens in Groundwater
Harmful Levels of Pathogens in Surface Water
Harmful Temperatures of Surface Water

<b>Water Quantity</b>
Inefficient Water Use on Irrigated Land

<b>Domestic Animals</b>
Inadequate Quantities and Quality of Feed and Forage
Inadequate Stock Water
Inadequate Shelter

<b>Plant Condition</b>
Plants not adapted or suited
Productivity, Health and Vigor
Noxious and Invasive Plants

<b>Fish and Wildlife</b>
Inadequate Cover/Shelter
T&E Plant Species: Declining Species, Species of Concern
Threatened and Endangered Fish and Wildlife Species

## **Approved Conservation Practices**

<b>Conservation Practices</b>	<b>Code</b>
Conservation Plan Supporting Organic Transition	CAP 138
Brush Management	314
Herbaceous Weed Control	315
Animal Mortality Facility	316
Composting Facility	317
Conservation Crop Rotation	328
Residue and Tillage Management, No Till/Strip Till/Direct Seed	329
Contour Buffer Strips	332
Prescribed Burning	338
Cover Crop	340
Critical Area Planting	342
Residue and Tillage Management, Mulch Till	345
Residue and Tillage Management, Ridge Till	346
Diversion	362
Pond	378
Windbreak/Shelterbelt Establishment	380
Fence	382
Field Border	386
Riparian Forest Buffer	391
Filter Strip	393
Grade Stabilization Structure	410
Grassed Waterway	412
Hedgerow Planting	422
Irrigation System, Microirrigation	441
Irrigation System, Sprinkler	442
Irrigation Water Management	449
Access Control	472
Mulching	484
Forage Harvest Management	511
Forage and Biomass Planting	512
Livestock Pipeline	516
Prescribed Grazing	528
Range Planting	550
Heavy Use Area Protection	561
Spring Development	574
Stream Crossing	578
Structure for Water Control	587
Nutrient Management	590

<b>Conservation Practices</b>	<b>Code</b>
Integrated Pest Management	595
Terrace	600
Herbaceous Wind Barriers	603
Tree/Shrub Establishment	612
Watering Facility	614
Water and Sediment Control Basin	638
Water Well	642
Windbreak/Shelterbelt Renovation	650
Seasonal Tunnel System for Crops	798

## Conservation Practices – Resource Concern Matrix

Conservation Practices	Code	Soil Erosion				Soil Condition					Water Quantity	Water Quality						Plant Condition			Domestic Animals			Fish and Wildlife		
		Sheet and Rill	Wind	Ephemeral Gully	Classic Gully	Organic Matter Depletion	Compaction	Contaminants-Animal Waste and Other Organics - N	Contaminants-Animal Waste and Other Organics - P	Contaminants-Animal Waste and Other Organics - K		Inefficient Water Use on Irrigated Land	Excessive Nutrients and Organics in Groundwater	Excessive Nutrients and Organics in Surface Water	Excessive Suspended Sediment and Turbidity in Surface Water	Harmful Levels of Pathogens in Groundwater	Harmful Levels of Pathogens in Surface Water	Harmful Temperatures of Surface Water	Productivity, Health and Vigor	Plants not adapted or suited	Noxious and Invasive Plants	Inadequate Quantities and Quality of Feed and Forage	Inadequate Shelter	Inadequate Stock Water	Inadequate Cover/Shelter	T&E Species: Declining Species, Species of Concern
Brush Management	314	X	X	X									X				X	X	X	X	X			X	X	X
Herbaceous Weed Control	315	X	X	X									X				X	X	X	X	X			X		
Animal Mortality Facility	316										X	X			X											
Composting Facility	317							X	X	X			X	X					X							
Conservation Crop Rotation	328	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					X		
Residue and Tillage Management, No Till/Strip Till/Direct Seed	329	X	X	X		X	X						X	X	X									X	X	X
Contour Buffer Strips	332	X	X	X	X								X	X	X		X		X					X		
Prescribed Burning	338							X	X	X					X		X	X	X	X				X	X	X
Cover Crop	340	X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X				X		
Critical Area Planting	342	X	X	X	X		X								X		X	X						X	X	X
Residue and Tillage Management, Mulch Till	345	X	X	X		X	X						X	X	X									X	X	X
Residue and Tillage Management, Ridge Till	346	X	X			X	X						X		X											
Diversion	362				X					X			X		X											
Pond	378									X	X	X	X									X	X	X	X	X
Windbreak/Shelterbelt Establishment	380	X	X				x	X	X	X	X				X		X	X	X		X			X	X	
Fence	382	X	X	X	X										X		X								X	X
Field Border	386	X	X				X	X	X	X			X	X	X			X	X					X		
Riparian Forest Buffer	391						x	X	X	X			X	X	X	X		X	X					X	X	X

Conservation Practices	Code	Soil Erosion				Soil Condition					Water Quantity	Water Quality						Plant Condition			Domestic Animals			Fish and Wildlife		
		Sheet and Rill	Wind	Ephemeral Gully	Classic Gully	Organic Matter Depletion	Compaction	Contaminants-Animal Waste and Other Organics - N	Contaminants-Animal Waste and Other Organics - P	Contaminants-Animal Waste and Other Organics - K	Inefficient Water Use on Irrigated Land	Excessive Nutrients and Organics in Groundwater	Excessive Nutrients and Organics in Surface Water	Excessive Suspended Sediment and Turbidity in Surface Water	Harmful Levels of Pathogens in Groundwater	Harmful Levels of Pathogens in Surface Water	Harmful Temperatures of Surface Water	Productivity, Health and Vigor	Plants not adapted or suited	Noxious and Invasive Plants	Inadequate Quantities and Quality of Feed and Forage	Inadequate Shelter	Inadequate Stock Water	Inadequate Cover/Shelter	T&E Species: Declining Species, Species of Concern	Threatened and Endangered Fish and Wildlife Species
Filter Strip	393		X				X	X	X	X			X	X	X			X	X				X	X	X	
Grade Stabilization Structure	410				X										X								X			
Grassed Waterway	412				X									X				X	X				X			
Hedgerow Planting	422		X													X	X	X	X	X			X	X	X	
Hillside Ditch	423	X		X	X									X												
Irrigation System, Microirrigation	441	X								X	X	X		X	X				X							
Irrigation System, Sprinkler	442		X							X	X	X		X	X				X							
Irrigation Water Management	449	X								X	X	X	X	X	X		X		X							
Access Control	472	X	X	X	X		x	X	X	X			X	X	X	X	X	X	X	X			X	X	X	
Mulching	484	X	X	X	X	X							X	X				X		X			X			
Forage Harvest Management	511						X	X	X	X			X	X	X		X	X	X	X			X			
Forage and Biomass Planting	512	X	X	X		X	X	X	X	X			X	X	X		X	X	X	X			X			
Livestock Pipeline	516									X												X	X	X	X	
Prescribed Grazing	528	X	X	X		X	X	X	X	X			X	X	X		X	X	X	X			X	X	X	
Range Planting	550	X	X				X	X	X	X			X	X	X	X	X	X	X	X			X	X	X	
Heavy Use Area Protection	561	X	X	X	X			X	X	X			X		X				X							
Spring Development	574							X	X	X					X							X				
Stream Crossing	578												X	X									X	X	X	

Conservation Practices	Code	Soil Erosion				Soil Condition				Water Quantity	Water Quality						Plant Condition			Domestic Animals			Fish and Wildlife				
		Sheet and Rill	Wind	Ephemeral Gully	Classic Gully	Organic Matter Depletion	Compaction	Contaminants-Animal Waste and Other Organics - N	Contaminants-Animal Waste and Other Organics - P		Contaminants-Animal Waste and Other Organics - K	Inefficient Water Use on Irrigated Land	Excessive Nutrients and Organics in Groundwater	Excessive Nutrients and Organics in Surface Water	Excessive Suspended Sediment and Turbidity in Surface Water	Harmful Levels of Pathogens in Groundwater	Harmful Levels of Pathogens in Surface Water	Harmful Temperatures of Surface Water	Productivity, Health and Vigor	Plants not adapted or suited	Noxious and Invasive Plants	Inadequate Quantities and Quality of Feed and Forage	Inadequate Shelter	Inadequate Stock Water	Inadequate Cover/Shelter	T&E Species: Declining Species, Species of Concern	Threatened and Endangered Fish and Wildlife Species
Structure for Water Control	587				X					X	X	X	X			X	X					X		X	X		
Cross Wind Ridges	588		X									X	X				X										
Nutrient Management	590					X		X	X		X	X		X	X		X	X						X	X	X	
Integrated Pest Management	595						X						X				X							X	X	X	
Terrace	600	X		X								X		X									X				
Herbaceous Wind Barriers	603	X	X									X					X	X	X				X				
Tree/Shrub Establishment	612	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		X		X	X	X	X	X
Watering Facility	614											X		X	X							X		X	X		
Water and Sediment Control Basin	638				X						X	X															
Water Well	642							X	X	X							X					X		X	X		
Windbreak/Shelterbelt Renovation	650		X				X	X	X	X			X				X	X	X		X		X				
Seasonal Tunnel System for Crops	798						X						X				X	X									