

## NATIONAL RANKING TEMPLATE

TEMPLATE NAME

Longleaf Pine Initiative (LLPI) - Amended October 2022

PROGRAM

CSP

### LAND USES

### MODIFIERS (the modifiers- must be met and are not or but and)

	Included		Included		Included		Included		Included		Included		Included		Included		Included		
Crop	<input type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>	Hayed	<input type="checkbox"/>	Drained	<input type="checkbox"/>	Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Forest	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Range	<input type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>			Hayed	<input type="checkbox"/>			Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Pasture	<input type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>	Hayed	<input type="checkbox"/>	Drained	<input type="checkbox"/>	Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Farmstead	<input type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Developed Land	<input type="checkbox"/>			Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Water	<input type="checkbox"/>			Wildlife	<input type="checkbox"/>							Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Other Rural Land	<input type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Associated Ag Land	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>	Hayed	<input type="checkbox"/>			Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>

### RESOURCE CONCERN CATEGORIES

	Min%	Default	Max%	Included
<b>Air Quality emissions</b>	<b>0</b>	<b>5</b>	<b>15</b>	<input type="checkbox"/>
Emissions of airborne reactive nitrogen				<input type="checkbox"/>
Emissions of greenhouse gases - GHGs	0	100	100	<input type="checkbox"/>
Emissions of ozone precursors				<input type="checkbox"/>
Emissions of particulate matter (PM) and PM precursors				<input type="checkbox"/>
Objectionable odor				<input type="checkbox"/>
Total		100		
<b>Aquatic Habitat</b>	<b>0</b>	<b>5</b>	<b>15</b>	<input type="checkbox"/>
Aquatic habitat for fish and other organisms	0	100	100	<input type="checkbox"/>
Elevated water temperature				<input type="checkbox"/>
Total		100		
<b>Concentrated Erosion</b>	<b>0</b>	<b>0</b>	<b>0</b>	<input type="checkbox"/>
Bank erosion from streams, shorelines, or water conveyances channels				<input type="checkbox"/>
Classic gully erosion				<input type="checkbox"/>
Ephemeral gully erosion				<input type="checkbox"/>
Total		0		
<b>Degraded Plant Condition</b>	<b>10</b>	<b>25</b>	<b>80</b>	<input type="checkbox"/>
Plant productivity and health	0	50	100	<input type="checkbox"/>
Plant structure and composition	0	50	100	<input type="checkbox"/>
Total		100		
<b>Field Pesticide Loss</b>	<b>0</b>	<b>0</b>	<b>0</b>	<input type="checkbox"/>
Pesticides transported to groundwater				<input type="checkbox"/>
Pesticides transported to surface water				<input type="checkbox"/>
Total		0		
<b>Field Sediment, Nutrient, and Pathogen Loss</b>	<b>0</b>	<b>0</b>	<b>0</b>	<input type="checkbox"/>
Nutrients transported to groundwater				<input type="checkbox"/>
Nutrients transported to surface water				<input type="checkbox"/>

Pathogens and chemicals from manure, biosolids, or compost applications transported to groundwater				<input type="checkbox"/>
Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water				<input type="checkbox"/>
Sediment transported to surface water				<input type="checkbox"/>
Total		0		
<b>Fire Management</b>	<b>0</b>	<b>15</b>	<b>80</b>	<input type="checkbox"/>
Wildfire hazard from biomass accumulation	0	100	100	<input type="checkbox"/>
Total		100		
<b>Inefficient Energy Use</b>	<b>0</b>	<b>0</b>	<b>0</b>	<input type="checkbox"/>
Energy efficient equipment and facilities				<input type="checkbox"/>
Energy efficient farming/ranching practices and field operations				<input type="checkbox"/>
Total		0		
<b>Livestock Production Limitation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<input type="checkbox"/>
Feed and forage balance				<input type="checkbox"/>
Inadequate livestock shelter distribution				<input type="checkbox"/>
Total		0		
<b>Long-term Protection of Land</b>	<b>0</b>	<b>0</b>	<b>0</b>	<input type="checkbox"/>
Loss of functions and values				<input type="checkbox"/>
Threat of Conversion				<input type="checkbox"/>
Total		0		
<b>Pest Pressure</b>	<b>0</b>	<b>15</b>	<b>70</b>	<input type="checkbox"/>
Plant pest pressure	0	100	100	<input type="checkbox"/>
Total		100		
<b>Salt Losses to Water</b>	<b>0</b>	<b>0</b>	<b>0</b>	<input type="checkbox"/>
Salt transported to groundwater				<input type="checkbox"/>
Salt transported to surface water				<input type="checkbox"/>
Total		0		
<b>Soil Quality Limitations</b>	<b>0</b>	<b>5</b>	<b>15</b>	<input type="checkbox"/>
Aggregate instability				<input type="checkbox"/>
Compaction				<input type="checkbox"/>
Concentration of salts or other chemicals				<input type="checkbox"/>
Organic matter depletion	0	100	100	<input type="checkbox"/>
Soil organism habitat loss or degradation				<input type="checkbox"/>
Subsidence				<input type="checkbox"/>
Total		100		
<b>Source Water Depletion</b>	<b>0</b>	<b>0</b>	<b>0</b>	<input type="checkbox"/>
Groundwater depletion				<input type="checkbox"/>
Inefficient irrigation water use				<input type="checkbox"/>
Surface water depletion				<input type="checkbox"/>
Total		0		
<b>Storage and Handling of Pollutants</b>	<b>0</b>	<b>0</b>	<b>0</b>	<input type="checkbox"/>
Nutrients transported to groundwater				<input type="checkbox"/>
Nutrients transported to surface water				<input type="checkbox"/>
Petroleum, heavy metals, and other pollutants transported to groundwater				<input type="checkbox"/>
Petroleum, heavy metals, and other pollutants transported to surface water				<input type="checkbox"/>



Practice Code	Practice Name	Include
314	Brush Management	x
315	Herbaceous Weed Treatment	x
327	Conservation Cover	x
338	Prescribed Burning	x
342	Critical Area Planting	x
381	Silvopasture Establishment	x
382	Fence	x
383	Fuel Break	x
384	Woody Residue Treatment	x
394	Firebreak	x
420	Wildlife Habitat Planting	x
472	Access Control	x
490	Tree/Shrub Site Preparation	x
595	Integrated Pest Management	x
612	Tree/Shrub Establishment	x
643	Restoration of Rare or Declining Natural Communities	x
644	Wetland Wildlife Habitat Management	x
645	Upland Wildlife Habitat Management	x
647	Early Successional Habitat Development/Management	x
649	Structures for Wildlife	x
655	Forest Trails and Landings	x
660	Tree-Shrub Pruning	x
666	Forest Stand Improvement	x
B000FST1	Forest Bundle#1	x
B000FST2	Forest Bundle #2 - Post-fire Management	x
B000LLP1	Longleaf Pine Bundle#1	x
B000LLP2	Longleaf Pine Bundle#2	x
B000LLP4	Longleaf Pine Bundle#4	x
E199A	Comprehensive Conservation Plan	x
E300EAP1	Existing Activity Payment-Land Use	x
E300EAP2	Existing Activity Payment-Resource Concern	x
E314A	Brush management to improve wildlife habitat	x
E315A	Herbaceous weed treatment to create desired plant communities consistent with the ecological site	x
E327A	Conservation cover for pollinators and beneficial insects	x
E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat	x
E338B	Short-interval burns to promote a healthy herbaceous plant community	x
E338C	Sequential patch burning	x
E391C	Increase riparian forest buffer width to enhance wildlife habitat	x
E420A	Establish pollinator habitat	x
E612A	Cropland conversion to trees or shrubs for long term improvement of water quality	x
E612B	Planting for high carbon sequestration rate	x
E612C	Establishing tree/shrub species to restore native plant communities	x
E612G	Tree/shrub planting for wildlife food	x
E643B	Creating native plant refugia	x
E645C	Edge feathering for wildlife cover	x
E666A	Maintaining and improving forest soil quality	x
E666B	Converting loblolly and slash pine plantations to longleaf pine	x
E666C	Implementing sustainable practices for pine straw raking	x
E666D	Forest management to enhance understory vegetation	x
E666E	Reduce height of the forest understory to limit wildfire risk	x
E666F	Reduce forest stand density to create open stand structure	x
E666G	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	x
E666H	Increase on-site carbon storage	x
E666K	Creating structural diversity with patch openings	x
E666O	Snags, den trees, and coarse woody debris for wildlife habitat	x
E666P	Summer roosting habitat for native forest-dwelling bat species	x
E666Q	Increase diversity in pine plantation monocultures	x
E666S	Facilitating longleaf pine regeneration and establishment	x