

2014-1 Conservation Stewardship Program  
Activities List with Effect Scores

NRCS Code	Eligible Land Use				Enhancement, Bundle or Practice Name	Soil Erosion Concerns				Soil Quality Functions				Water Quantity Concerns			Water Quality Concerns				Air Quality Concerns				Plants				Animal Concerns				Energy Concerns					
						sheet, rill, wind, irrigation	ephemeral, gully	streambank, shoreline	road banks, construction sites	organic matter depletion (habitat, compaction, water partitioning)	OM oxidation	salinity, other contaminants	nutrient cycling	compaction	excess water	inefficient water	inefficient use of irrigation water	sediment	nutrients	pesticides	pathogens	salinity	airborne soil particulates (PM)	greenhouse and ozone gases	chemical spray drift	odors	quantity, diversity, health, vigor	declining populations, T&E species	Domestic Livestock cover, food and water	Terrestrial Wildlife cover, food, connectivity and water	Aquatic Wildlife structure, food, water temperature	Declining populations, T&E species	energy conservation					
AIR03	Crop				Replace burning of prunings, removals and other crop residues with non-burning alternatives	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	-1
AIR04	Crop	Pasture			Use drift reducing nozzles, low pressures, lower boom height, and adjuvants to reduce pesticide drift	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	1	5	0	3	3	0	3	3	3	3	2			
AIR07	Crop	Pasture	Range	Forest	GPS, targeted spray application (SmartSprayer), or other chemical application electronic control technology	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	1	5	0	3	2	0	2	2	2	2	3			
AIR08	Crop				Nitrogen inhibitors and urease inhibitors	0	0	0	0	0	0	0	3	0	0	0	0	2	0	0	0	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0		
ANM03		Pasture			Incorporate native grasses and/or legumes into 15% or more of herbage dry matter productivity	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3	0	1	2				
ANM05	Crop	Pasture	Range		Extending riparian forest buffers for water quality protection and wildlife habitat	2	0	3	0	1	0	0	1	0	0	0	0	5	5	5	3	0	0	3	3	1	0	3	1	1	4	4	3	0				
ANM07	Crop	Pasture			Extending existing field borders for water quality protection and wildlife habitat	2	0	0	0	1	0	0	1	0	0	0	0	3	2	2	1	0	1	0	0	0	0	3	0	1	4	4	3	0				
ANM09		Pasture	Range	Forest	Grazing management to improve wildlife habitat	0	0	0	0	3	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	5	2	2	0				
ANM10	Crop				Harvest hay in a manner that allows wildlife to flush and escape	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	1	1	2				
ANM11		Pasture	Range	Forest	Patch-burning to enhance wildlife habitat	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	4	2	3	5	0	4	0				
ANM12	Crop	Pasture	Range	Forest	Shallow water habitat	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	5	5	3	0				
ANM17		Pasture	Range		Monitoring nutritional status of livestock using the NUTBAL PRO System	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	5	0	0	0	3				
ANM21	Crop	Pasture	Range		Prairie restoration for grazing and wildlife habitat	2	2	2	0	2	2	0	3	0	0	0	2	2	2	0	0	2	0	1	0	3	2	1	3	1	2	3						
ANM23	Crop	Pasture	Range		Multi-species native perennials for biomass/wildlife habitat	3	3	0	0	2	0	0	1	1	0	0	0	3	3	3	0	0	1	0	1	0	3	0	0	2	2	1	4					
ANM25		Pasture			Stockpiling forages to extend the grazing season	2	0	0	0	1	0	0	2	1	0	0	0	1	1	0	1	0	0	0	0	0	0	3	0	4	0	0	0	5				
ANM26		Pasture	Range		Managing calving to coincide with forage availability	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	5				
ANM27	Crop	Pasture	Range	Forest	Wildlife friendly fencing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	5	0					
ANM29	Pasture				On-farm forage based grazing system	0	0	0	0	2	0	0	4	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	1	0	5					
ANM31	Crop				Drainage water management	3	0	0	0	4	5	-1	2	0	0	0	0	1	3	2	1	0	2	0	0	0	0	0	0	5	5	3	0					
ANM32	Crop	Pasture	Range		Extend existing filter strips or riparian herbaceous cover for water quality protection and wildlife habitat	3	0	3	0	1	0	0	1	0	0	0	0	5	4	4	3	0	1	0	0	0	3	1	1	4	4	3	0					
ANM33	Crop	Pasture	Range	Forest	Riparian buffer, terrestrial and aquatic wildlife habitat	0	0	3	0	2	0	0	1	3	0	0	0	1	1	1	1	0	0	0	0	0	3	0	0.5	4	4.5	3	0					
ANM34	Crop				Leave standing grain crops un-harvested to benefit wildlife	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	3	0	5	3	4	0				
ANM35	Crop				Enhance wildlife habitat on expired grass/legume covered CRP acres or acres with similar perennial vegetated cover managed as hayland	4	3	3	0	9.35	0	0	5.2	4.1	0	0	0	3	3	1	0	0	2	3	0	0	12.4	2	0	17.75	5.25	7.25	2.1					
ANM36				Forest	Enhance wildlife habitat on expired tree covered CRP acres or acres with similar woody cover managed as forestland	5.25	3.15	3.15	0	6.3	-1.05	0	6.3	3.15	0	0	0	4.2	3.15	1.05	0	0	4.2	3.15	0	0	16.8	4.2	5.25	14.7	2.1	10.5	0					
ANM37	Crop	Pasture	Range	Forest	Prescriptive grazing management system for grazing lands (includes expired CRP grass/legume or tree covered acres converted to a grazing lands)	2.1	1.05	3.15	0	6.3	0	0	7.35	4.2	0	1.05	0	2.1	2.1	0	2.1	0	0	0	0	0	8.4	1.05	8.4	17.85	5.25	13.65	2.1					
ANM38	Crop	Pasture	Range	Forest	Retrofit watering facility for wildlife escape and enhanced access for bats and bird species	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	4	0					
ENR01	Crop				Fuel use reduction for field operations	2	2	0	0	2	0	0	2	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	5				
ENR09	Crop	Pasture			Variable frequency drive electric motors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	5				
ENR10	Crop	Pasture			Using nitrogen provided by legumes, animal manure and compost to supply 90 to 100% of the nitrogen needs	2	2	0	0	5	0	0	5	2	0	2	0	2	4	1	0	0	2	3	0	0	2	0	0	2	1	1	5					
ENR11	Crop	Pasture			Improving energy feedstock production using alley cropping systems with short rotation woody crops	2	1	0	0	2	0	0	2	3	0	0	0	1	0	3	0	0	1	1	1	0	2	0	0	2	0	1	5					
ENR12	Crop				Use of legume cover crops as a nitrogen source	4	2	0	0	5	0	2	3	2	0	0	4	4	2	0	1	4	2	0	0	2	0	0	2	1	0	2						
PLT02		Pasture	Range	Forest	Monitor key grazing areas to improve grazing management	2	2	2	0	1	0	0	2	2	0	0	0	1	1	0	1	0	1	0	1	0	0	4	1	4	3	2	2	0				
PLT05	Crop			Forest	Multi-story cropping, sustainable management of nontimber forest plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	3	2	0	0					
PLT06	Crop	Pasture	Range		Renovation of a windbreak, shelter belt or hedgerow for wildlife habitat	3	0	0	0	1	0	0	0	0	0	2	1	2	0	2	0	0	3	1	2	1	4	0	1	5	0	2	1					
PLT15	Crop	Pasture	Range	Forest	Establish pollinator and/or beneficial insect habitat	1	1	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	1	0	4	2	0	5	2	4	0					
PLT16		Pasture	Range	Forest	Intensive rotational grazing	2	1	3	0	3	0	0	5	3	0	1	0	2	2	0	2	0	0	0	0	0	5	1	5	3	3	2	2					
PLT17				Forest	Create forest openings to improve hardwood stands	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3	0	0	1	0	-1	-1					
PLT18	Crop	Pasture			Increasing on-farm food production with edible woody buffer landscapes	3	0	0	0	1	0	0	0	0	0	2	1	2	0	2	0	0	3	1	2	1	4	0	1	5	0	2	3					

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PLT19	Crop				Herbicide resistant weed management	4	2	1	0	2	0	-1	0	1	0	0	0	3	0	2	0	2	1	1	1	0	4	0	0	0	2	0	0																	
PLT20	Crop				High residue cover crop or mixtures of high residue cover crops for weed suppression and soil health	8	4	0	0	10	0	4	6	4	0	0	0	8	8	4	0	2	8	4	0	0	4	0	0	4	2	0	4																	
PLT21				Forest	Forest stand improvement pre-treating vegetation and fuels preceding a prescribed fire	1.05	0	0	0	1.05	-1.05	0	3.15	-1.05	0	0	0	1.05	0	0	0	0	2.1	3.15	0	0	14.7	2.1	5.25	8.4	0	7.35	0																	
SOE05	Crop				Intensive no-till (Organic or Non-organic)	5	3	0	0	4	3	2	3	3	0	5	3	5	3	2	1	0	3	3	2	1	2	0	0	3	2	0	4																	
SQL01	Crop				Controlled traffic system	2	0	0	0	0	0	2	0	5	0	3	0	3	1	1	0	0	0	1	0	0	3	0	0	0	0	0	3																	
SQL04	Crop				Use of cover crop mixers	4	2	0	0	5	0	2	3	2	0	0	0	4	4	2	0	1	4	2	0	0	2	0	0	2	1	0	2																	
SQL05	Crop				Use deep rooted crops to breakup soil compaction	4	2	0	0	5	0	2	3	2	0	0	0	4	4	2	0	1	4	2	0	0	2	0	0	2	1	0	2																	
SQL08	Crop				Intercropping to improve soil quality and increase biodiversity	2	1	0	0	2	0	0	2	2	0	1	0	2	2	0	0	0	0	0	0	0	5	0	0	2	2	1	0																	
SQL09	Crop				Conversion of cropland to grass-based agriculture	5	4	0	0	4	3	3	2	3	0	2	0	5	3	3	0	0	3	4	0	0	4	0	0	3	2	1	5																	
SQL10	Crop				Crop management system where crop land acres were recently converted from CRP grass/legume cover or similar perennial vegetation	13.65	7.35	0	0	14.7	3.15	6.3	9.45	7.35	0	5.25	3.15	13.65	11.55	6.3	1.05	2.1	11.55	7.35	2.1	1.05	6.3	0	0	7.35	4.2	0	8.4																	
SQL11	Crop				Cover cropping in orchards, vineyards and other woody perennial horticultural crops	5	4	0	0	5	2	2	4	3	0	0	0	5	5	2	0	3	5	2	0	0	2	0	0	2	1	1	2																	
SQL12	Crop				Intensive cover cropping in annual crops	5	4	0	0	5	2	2	4	3	0	0	0	5	5	2	0	3	5	2	0	0	2	0	0	2	1	1	2																	
WQL01	Pasture	Range	Forest		Biological suppression and other non-chemical techniques to manage brush, weeds and invasive species	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	3	5	0	3	0	2	0	0	0	2																		
WQL03	Pasture	Range	Forest		Rotation of supplement and feeding areas	2	1	2	0	0	0	2	3	0	1	0	4	4	0	4	1	2	0	0	0	3	0	4	1	3	1	2																		
WQL04	Crop				Plant tissue tests and analysis to improve nitrogen management	0	0	0	0	1	0	0	4	0	0	0	0	5	0	0	0	0	3	0	0	3	0	0	0	1	0	2																		
WQL05	Crop				Apply nutrients no more than 30 days prior to planned planting date	0	0	0	0	1	0	0	2	0	0	0	0	4	0	0	0	0	2	0	0	2	0	0	0	0	0	0																		
WQL07	Crop	Pasture			Split nitrogen applications 50% after the crops/pasture emerge/green up	0	0	0	0	1	0	0	4	0	0	0	0	5	0	0	0	0	3	0	0	3	0	0	0	2	1	0																		
WQL09	Crop				Apply phosphorus fertilizer below soil surface	-1	0	0	0	0	0	0	2	0	0	0	0	-1	5	0	0	0	0	0	0	1	0	0	0	3	1	-1																		
WQL10	Crop				Plant a cover crop that will scavenge residual nitrogen	4	2	0	0	5	0	2	3	2	0	0	4	4	2	0	1	4	2	0	0	2	0	0	2	1	0	2																		
WQL11	Crop	Pasture			Precision application technology to apply nutrients	0	0	0	0	1	0	0	3	1	0	0	0	5	0	0	0	0	3	0	0	3	0	2	0	2	1	2																		
WQL13	Crop	Pasture	Range	Forest	High level integrated pest management to reduce pesticide environmental risk	0	0	0	0	0	1	0	0	0	0	0	0	0	5	0	0	0	1	5	0	3	2	2	4	4	2	2																		
WQL14	Crop	Pasture			Land application of treated manure	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	5	0	0	2	0	5	1	0	0	0	2	1	0																	
WQL17	Crop				Use of non-chemical methods to kill cover crops	0	0	0	0	2	0	0	0	0	0	0	2	0	5	0	0	1	3	5	0	0	0	0	0	2	1	3																		
WQL18	Pasture	Range	Forest		Non-chemical pest management for livestock	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	3	3	3	1	1																			
WQL19	Pasture	Range	Forest		Transition to ORGANIC grazing systems	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	1	0	0	0	3	4	4	2	2																		
WQL20	Crop				Transition to ORGANIC cropping systems	0	0	0	0	2	0	0	3	0	0	0	0	4	4	0	0	0	0	3	0	0	0	0	3	3	1	2																		
WQL21	Crop	Pasture	Range		Integrated pest management for ORGANIC farming	0	0	0	0	0	0	1	0	0	0	0	0	5	0	0	0	1	5	0	3	2	2	4	4	2	2																			
WQL22	Crop	Pasture			On-farm composting of farm organic waste	0	0	0	0	5	0	0	5	0	2	0	0	4	0	5	0	0	0	0	5	2	0	0	0	0	0	3																		
WQL24	Crop	Pasture			Apply enhanced efficiency fertilizer	0	0	0	0	0	0	0	4	0	0	0	0	4	0	0	0	0	3	0	0	3	0	2	1	1	0	2																		
WQL25	Crop				Split applications of nitrogen based on a PSNT	0	0	0	0	2	0	0	5	0	0	0	0	5	0	0	0	0	5	0	0	4	0	0	0	3	1	0																		
WQL26	Crop	Pasture			Reduce the concentration of nutrients imported on farm	0	0	0	0	4	0	0	4	0	0	0	0	5	0	0	0	0	3	0	0	0	0	1	0	3	1	5																		
WQL27	Crop				Drainage water management for nutrient, pathogen, or pesticide reduction	1	1	0	0	3	4	-1	0	0	-1	0	0	2	4	4	4	0	3	-3	0	0	0	0	1	3	1	0																		
WQ101	Crop	Pasture			Irrigation system automation	3	1	0	0	0	0	3	0	0	4	4	5	2	2	2	1	2	0	0	0	0	1	0	2	0	0	4																		
WQ103	Crop	Pasture			Irrigation pumping plant evaluation	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	2	0	2	0	0	0	0	0	0	0	5																		
WQ105	Crop	Pasture			Remote monitoring and notification of irrigation pumping plant operation	3	1	0	0	0	0	3	0	0	4	4	5	2	2	0	0	2	0	0	0	1	0	2	0	0	0	4																		
WQ107	Crop	Pasture			Regional weather networks for irrigation scheduling	3	1	0	0	0	0	3	0	0	4	4	5	2	2	0	0	2	0	0	0	1	0	2	0	0	0	4																		
WQ108	Crop	Pasture			Decrease irrigation water quantity or conversion to non-irrigated crop production	2	1	0	0	2	1	1	2	1	1	5	5	1	1	1	0	0	1	3	1	0	3	0	0	2	3	2	5																	
NRCS Code	Eligible Land Use			Supplemental Payment Activity Name	Soil Erosion Concerns																								Soil Quality Functions				Water Quantity Concerns			Water Quality Concerns					Air Quality Concerns				Plants		Animal Concerns			Concerns
					sheet, rill, wind, irrigation	ephemeral, gully	streambank, shoreline	road banks, construction sites	organic matter depletion (habitat, compaction, water partitioning)	OM oxidation	salinity, other contaminants	nutrient cycling	compaction	excess water	insufficient water	inefficient use of irrigation water	sediment	nutrients	pesticides	pathogens	salinity	airborne soil particulates (PM)	greenhouse and ozone gases	chemical spray drift	odors	quantity, diversity, health, vigor	declining populations T&E species	Domestic Livestock cover, food, and water	Terrestrial Wildlife cover, food, connectivity, and water	Aquatic Wildlife food, water, temperature	Declining populations T&E species	energy conservation																		
CCR99	Crop			Resource-Conserving Crop Rotation	4	3	0	0	5	2	2	3	3	0	1	0	3	3	2	0	0	2	0	0	3	0	1	2	1	0	2																			
NRCS Code	Eligible Land Use			Special Project Activity Name	Soil Erosion Concerns																								Soil Quality Functions				Water Quantity Concerns			Water Quality Concerns					Air Quality Concerns				Plants		Animal Concerns			Concerns
					sheet, rill, wind, irrigation	ephemeral, gully	streambank, shoreline	road banks, construction sites	organic matter depletion (habitat, compaction, water partitioning)	OM oxidation	salinity, other contaminants	nutrient cycling	compaction	excess water	insufficient water	inefficient use of irrigation water	sediment	nutrients	pesticides	pathogens	salinity	airborne soil particulates (PM)	greenhouse and ozone gases	chemical spray drift	odors	quantity, diversity, health, vigor	declining populations T&E species	Domestic Livestock cover, food, and water	Terrestrial Wildlife cover, food, connectivity, and water	Aquatic Wildlife food, water, temperature	Declining populations T&E species	energy conservation																		
FPF02	Crop	Pasture	Range	Forest	On-Farm Pilot Projects	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	1	1	1	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	1.5	1.5	0.7	0.7	0.7	3																		
FRD01	Crop	Pasture	Range	Forest	On-Farm Research and Demonstrations	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	1	1	1	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	1.5	1.5	0.7	0.7	0.7	3																		

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						sheet, rill, wind, irrigation	ephemeral, gully	streambank, spooling	road bank, construction sites	organic matter depletion (habitat, compaction, water partitioning)	OM oxidation	salinity, other contaminants	nutrient cycling	compaction	excess water	insufficient water	inefficient use of irrigation water	sediment	nutrients	pesticides	pathogens	salinity	airborne soil particulates (PM)	greenhouse and ozone gases	chemical spray drift	odors	quantity, diversity, health, vigor	declining populations, T&E species	Domestic Livestock cover, food and water	Terrestrial Wildlife connectivity and water	Aquatic Wildlife structure, food, water temperature	Declining populations, T&E species	energy conservation	Concerns					
BCR06	Crop				Crop Technology Bundle #1	2.68	0.00	2.30	0.00	2.30	0.00	1.15	4.60	1.15	0.00	0.00	0.00	4.98	9.97	21.47	2.68	0.00	1.92	8.05	17.63	0.00	17.25	8.82	5.75	14.95	17.25	12.65	10.35						
BCR09	Crop				Crop Technology Bundle #9	6.9	5.75	0	0	8.05	2.3	3.45	6.9	3.45	0	0	0	6.9	5.75	17.25	0	3.45	5.75	10.35	12.65	0	13.8	8.05	2.3	16.1	11.5	11.5	5.75						
BFO07				Forest	Forest Bundle # 7	2.36	1.15	0.00	0.00	2.36	-0.06	1.15	3.62	-1.21	0.00	0.00	0.00	3.51	1.15	16.10	0.00	0.00	2.42	8.22	12.65	0.00	29.56	7.02	10.64	25.76	12.65	18.80	4.60						
BFO08				Forest	Forest Bundle # 8	2.3	2.3	0	0	1.15	1.15	1.15	0	0	0	0	0	3.45	1.15	16.1	0	0	0	4.6	12.65	0	16.1	4.6	4.6	17.25	12.65	9.2	3.45						
BPA07		Pasture			Pasture Grazing Bundle # 6	4.6	1.15	3.45	0	8.05	0	0	17.25	4.6	0	1.15	0	3.45	9.2	0	3.45	0	0	6.9	0	0	12.65	1.15	14.95	4.6	6.9	3.45	19.55						
BPA09		Pasture			Pasture Grazing Bundle # 9	2.3	1.15	3.45	0	8.05	0	0	12.65	3.45	0	1.15	0	2.3	8.05	5.75	2.3	0	0	4.6	5.75	0	16.1	4.6	9.2	14.95	9.2	13.8	6.9						
BRA08		Range			Range Grazing Bundle # 5	4.6	3.45	4.6	0	4.6	0	1.15	6.9	6.9	0	1.15	0	5.75	5.75	5.75	5.75	1.15	3.45	1.15	5.75	0	14.95	3.45	16.1	14.95	12.65	8.05	10.35						
BRA09		Range			Range Grazing Bundle # 6	0	0	0	0	4.6	0	1.15	4.6	1.15	0	0	0	0	0	0	0	0	0	0	5.75	0	0	0	0	0	5.75	0	11.5	4.6	10.35	20.7	6.9	14.95	8.05

2014-1 Conservation Stewardship Program  
Activities List with Effect Scores

NRCS Code	Eligible Land Use		Practice Name	Soil Erosion Concerns				Soil Quality Functions				Water Quantity Concerns			Water Quality Concerns					Air Quality Concerns				Plants		Animal Concerns					energy conservation				
				sheet, rill, wind, irrigation	ephemeral, gully	streambank, shoreline	road banks, construction sites	organic matter depletion (habitat, compaction, water)	OM oxidation	salinity, other contaminants	nutrient cycling	compaction	excess water	insufficient water	inefficient use of irrigation water	sediment	nutrients	pesticides	pathogens	salinity	airborne oil particulates (PM)	greenhouse and ozone gases	chemical spray drift	odors	quantity, diversity, health, vigor	declining populations T&E species	Domestic Livestock cover, food and water	Terrestrial Wildlife cover, food, connectivity and water	Aquatic Wildlife structure, food, water temperature	Declining populations T&E species					
311	Crop	Pasture		3	3	0	0	2	3	0	2	2	1	0	0	1	1	2	1	0	1	1	3	0	3	0	1	1	0	1	0				
314	Crop	Pasture	Range	Forest	Alley Cropping	1	0	0	0	0	0	0	2	0	0	3	0	1	0	-1	0	0	0	0	3	3	2	0	0	0	0	0			
328	Crop				Brush Management	3	2	0	0	3	0	0	3	1	0	1	0	2	2	2	0	0	1	2	1	1	0	2	0	2	1	0	2		
329	Crop				Conservation Crop Rotation	5	3	0	0	0	3	0	0	1	3	0	2	0	4	2	0	0	0	3	2	0	0	0	0	2	1	0	4		
338		Pasture	Range	Forest	Residue and Tillage Management, No-Till/Strip Till/Direct Seed	0	0	0	0	0	-1	0	2	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	4	2	3	4	0	4	0	
340	Crop				Prescribed Burning	4	2	0	0	5	0	2	3	2	0	0	0	4	4	2	0	1	4	2	0	0	2	0	0	2	1	0	2		
342	Crop	Pasture	Range	Forest	Cover Crop	5	5	4	5	3	0	1	0	0	0	0	4	0	0	0	0	3	0	0	0	2	0	0	1	2	0	0	0		
344	Crop				Critical Area Planting	2	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0		
345	Crop				Residue Management, Seasonal	4	3	0	0	2	0	0	1	2	0	2	0	3	1	0	0	0	3	2	0	0	0	0	0	2	0	0	0	3	
346	Crop				Residue and Tillage Management, Mulch Till	4	3	0	0	2	0	0	1	2	0	2	0	3	1	0	0	0	3	2	0	0	0	0	0	2	0	0	0	2	
380	Crop	Pasture	Range	Forest	Residue and Tillage Management, Ridge Till	4	0	0	0	1	0	0	0	0	0	3	0	3	1	2	0	0	4	2	2	2	3	0	1	4	0	2	3		
382	Crop	Pasture	Range	Forest	Windbreak/Shelterbelt Establishment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	-1	0	0	0		
383	Pasture	Range	Forest	Fence	Fuelbreak	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	1	1	0	0	0		
384	Pasture	Range	Forest	Woody Residue Treatment	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2		
386	Crop				Field Border	2	0	0	0	1	0	0	0	0	0	0	2	2	2	1	0	1	0	0	0	3	0	0	3	3	2	0	0		
390	Crop	Pasture	Range		Riparian Herbaceous Cover	2	0	4	0	1	0	0	1	0	0	0	4	4	3	2	0	1	0	0	0	3	1	1	4	4	2	0	0		
391	Crop	Pasture			Riparian Forest Buffer	2	0	4	0	1	0	0	1	0	0	0	4	4	3	2	0	1	3	1	0	3	1	1	4	4	3	0	0		
393	Crop				Filter Strip	4	0	0	0	1	0	0	0	0	0	0	5	3	3	3	0	1	0	0	0	2	0	0	2	4	1	0	0		
394	Pasture	Range	Forest	Firebreak	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	1	1	1	0	0		
395	Crop	Pasture	Range	Forest	Stream Habitat Improv/Mgmt	0	0	4	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3	5	4	0	0		
449	Crop	Pasture			Irrigation Water Management	2	1	0	0	1	1	2	2	0	0	0	5	2	2	2	2	2	1	0	0	0	2	0	2	0	2	0	0	2	
484	Crop				Mulching	3	3	1	3	3	1	1	0	0	-1	3	0	2	0	0	0	2	0	0	0	3	0	0	0	0	0	1	0	1	
511	Crop	Pasture			Forage Harvest Management	0	0	0	0	1	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	3	0	4	2	0	0	0	0	
512	Crop	Pasture			Forage and Biomass Planting	2	1	0	0	2	0	0	2	2	0	1	0	3	3	3	1	0	1	1	0	0	4	0	4	3	0	0	0	0	
528	Pasture	Range	Forest	Prescribed Grazing	2	1	3	0	2	0	0	3	3	0	1	0	2	1	0	1	0	0	0	0	3	1	4	3	3	2	1	0	1		
550		Range	Forest	Watering Facility	2	0	1	0	3	0	0	3	1	0	3	0	2	1	0	1	0	2	1	0	0	3	0	3	3	0	0	1	0	0	
612	Crop				Tree/Shrub Establishment	2	1	2	0	3	0	0	1	1	0	0	0	2	2	0	0	0	3	5	2	2	3	2	0	3	2	2	2	2	
614	Crop	Pasture	Range	Forest	Restoration and Management of Rare and Declining Habitats	1	1	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	5	5	2	2	0	0		
643	Crop	Pasture	Range	Forest	Wetland Wildlife Habitat Management	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3	3	0	4	5	4	0	0
644	Crop	Pasture	Range	Forest	Upland Wildlife Habitat Management	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	3	0	5	3	4	0	0	
645	Crop	Pasture	Range	Forest	Early Successional Habitat Development/Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0	5	3	4	0	0	
647	Crop	Pasture	Range	Forest	Windbreak/Shelterbelt Renovation	3	0	0	0	1	0	0	0	0	0	0	2	1	2	0	2	0	0	3	1	2	1	4	0	1	5	0	2	1	0
654	Crop				Road/Trail/Landing Closure and Treatment	1	2	0	5	1	0	0	0	3	0	0	0	3	0	0	0	0	1	0	0	0	1	0	0	3	2	0	0	0	
655	Crop				Forest Trails & Landings	0	2	0	4	0	0	0	0	1	1	0	0	0	3	0	0	0	0	1	0	0	0	0	0	2	2	0	0	1	0
660	Crop				Tree/Shrub Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0	0	1	0	0	0	1	0	1
666	Crop				Forest Stand Improvement	1	1	0	0	1	0	0	2	-2	-1	2	2	0	2	1	2	0	0	2	-1	0	4	0	2	2	1	0	0	0	0