2014 Conservation Stewardship Program
Ranking Period 14-1

Utah Duplicate Practices and Incompatible Enhancements for CSP Activities

Code	Enhancement Name	Potential Duplicate Practice(s) From EQIP/WHIP/Initiatives[1]	Incompatible Enhancements
AIR03	Replace burning of prunings, removals and other crop residues with non-burning alternatives (chipping, grinding, shredding, mowing or composting)	317 - Compost Facility 484 – Mulching 374 – On-Farm Equipment Efficiency Improvements	ANM21 ANM23 CCR99 SQL09
AIR04	Use drift reducing nozzles, low pressures, lower boom height, and adjuvants to reduce pesticide drift	595 - Integrated Pest Management (drift reduction)	WQL01 WQL19 WQL20 WQL21
AIR07	GPS, targeted spray application (SmartSprayer), or other chemical application electronic control technology	595 - Integrated Pest Management (drift reduction, precision agriculture)	WQL01 WQL19 WQL20 WQL21
AIR08	Nitrification inhibitors or urease inhibitors	590 - Nutrient Management (all levels)	ANM05 ANM07 ANM12 ANM23 ANM32 ANM33 ENR10 PLT15 PLT18 WQL20 WQL22

ANM03	Incorporate native grasses and/or legumes into 15% or more of the forage base	512 - Forage and Biomass Planting 528 - Prescribed Grazing	ANM21
ANM05	Extending riparian forest buffers for water quality protection and wildlife habitat	391 - Riparian Forest Buffer (practice should already exist) 528 - Prescribed Grazing 612 - Tree and Shrub Establishment 327 - Conservation Cover	AIR08 ANM07 ANM32 PLT15 PLT18 WQL09
ANM07	Extending existing field borders for water quality protection and wildlife habitat	386 - Field Border (practice should already exist) 612 - Tree and Shrub Establishment	AIR08 ANM05 ANM32 ENR01 PLT15 PLT18 WQL05 WQL09
ANM09	Grazing management to improve wildlife habitat	528 - Prescribed Grazing 645 - Upland Wildlife Habitat Management (SGI Options 1A/1B) 512 - Forage and Biomass Planting 550 - Range Planting 612 - Tree and Shrub Establishment 666 - Forest Stand Improvement 381 – Silvopasture Establishment	ANM21 ANM23 ANM37 PLT05 PLT15
ANM10	Harvest hay in a manner that allows wildlife to flush and escape	511 - Forage Harvest Management	ANM21 ANM23 ANM35 ENR01 WQL09
ANM11	Patch-burning to enhance wildlife habitat	338 - Prescribed Burning 528 - Prescribed Grazing 645 - Upland Wildlife Habitat Management	None

ANM12	Shallow water habitat	658 - Wetland Creation 644 - Wetland Wildlife Habitat Management 356 - Dike 638 - Water and Sediment Control Basin 646 - Shallow Water Development and Management 587 – Structure for Water Control	AIR08 ANM31 CCR99 ENR01 ENR12 PLT06 PLT15 SOE05 SQL01 SQL04 SQL05 SQL09 SQL10 SQL12 WQL05 WQL09 WQL10 WQL27
ANM17	Monitoring nutritional status of livestock using the NUTBAL PRO System	528 – Prescribed Grazing	None
ANM21	Prairie restoration for grazing and wildlife habitat	550 – Range Planting	
ANM23	Multi-species native perennials for biomass/wildlife habitat		

ANM25	Stockpiling forages to extend the grazing season	528 - Prescribed Grazing	None
ANM26	Managing calving/lambing to coincide with forage availability	528 - Prescribed Grazing	None
ANM27	Wildlife friendly fencing	382 - Fence 645- Upland Wildlife Habitat Management (fence marker) 734 – Fish and Wildlife Structures (fence marker)	ANM37
ANM29	On-farm forage based grazing system	528 - Prescribed Grazing 382 - Fence 614 - Watering Facility 516 - Pipeline	PLT05 PLT17 WQL19
ANM31	Drainage Water Management	554 - Drainage water management	AIR08 ANM05 ANM07 ENR01 PLT15 PLT18 WQL05 WQL09
ANM32	Extend existing filter strips or riparian herbaceous cover for water quality protection and wildlife habitat	393 - Filter Strip (practice should already exist) 390 - Riparian Herbaceous Cover (practice should already exist) 391 - Riparian Forest Cover 327 - Conservation Cover 528 - Prescribed Grazing	AIR08 ANM05 ANM07 ENR01 PLT15 PLT18 WQL05 WQL09

ANM33	Riparian forest buffer, terrestrial and aquatic wildlife habitat	393 - Filter Strip (practice should already exist) 390 - Riparian Herbaceous Cover (practice should already exist) 391 - Riparian Forest Cover (practice should already exist) 327 - Conservation Cover 382 - Fence 644 - Wetland Wildlife Habitat Management 528 - Prescribed Grazing 575 - Animal Trails and Walkways 666- Forest Stand Improvement 315 - Herbaceous Weed Control 338 - Prescribed Burning 595- Integrated Pest Management	AIR08 PLT06 PLT15 PLT18
ANM34	Leaving standing grain crops unharvested to benefit wildlife	645 – Upland Wildlife Habitat Management	None
ANM35	Enhance Wildlife Habitat on Expired Grass/Legume Covered CRP Acres or Acres with Similar Perennial Vegetated Cover Managed as Hayland	511 – Forage Harvest Management 381 – Silvopasture Establishment 645 – Upland Wildlife Habitat Management	ANM10
ANM36	Enhance wildlife habitat on expired tree covered CRP acres or acres with similar woody cover managed as forestland	666- Forest Stand Improvement 338 - Prescribed Burning	None

ANM37	Prescriptive grazing management system for grazed lands (includes expired CRP grass/legume or tree covered acres converted to grazed lands)	528 - Prescribed Grazing 645 - Upland Wildife Habitat Management 734 - Fish and Wildlife Structure	ANM09 ANM27 ANM38
ANM38	Retrofit Watering Facility for Wildlife Escape and to Enhance Access for Bats and Bird Species	614 –Water Facility (watering facility must already exist) 645 – Upland Wildlife Habitat Management 734 – Fish and Wildlife Structures	ANM37
ENR01	Fuel use reduction for field operations	328 - Conservation Crop Rotation 345 - Residue and Tillage Management - Mulch Till 329 - Residue and Tillage Management - No till/Strip Till/Direct Seed	ANM07 ANM10 ANM12 ANM23 ANM32 PLT15 PLT18 SOE05 SQL01 SQL10
ENR09	Variable frequency drive electric motors	533 - Pumping Plant, 374 - Farmstead Energy Improvement	ANM21
ENR10	Using nitrogen provided by legumes, animal manure, and compost to supply 90 to 100% of the nitrogen needs	340 - Cover Crops (soil quality) 590 - Nutrient Management	AIR08 ANM21 ENR12 WQL07 WQL24 WQL25 SQL11
ENR11	Improving energy feedstock production using alley cropping systems with short rotation woody crops	311 – Alley Cropping	
ENR12	Use of legume cover crops as a nitrogen source	340 - Cover Crops (soil quality) 590 - Nutrient Management	ANM12 ANM21 ANM31 ENR10 SQL09 WQL27

PLT02	Monitor key grazing areas to improve grazing management	528 - Prescribed Grazing	PLT05
PLT05	Multi-story cropping, sustainable management of nontimber forest plants	379 - MultiStory Cropping 666 – Forest Stand Improvement	ANM09 ANM29 PLT02 PLT16 WQL03
PLT06	Renovate a windbreak, shelter belt or hedgerow for wildlife habitat	650 - Windbreak/shelterbelt Renovation 612 - Tree and Shrub Establishment 422 - Hedgerow Planting 660 - Tree and Shrub Pruning	ANM12 ANM33 PLT15
PLT15	Establish pollinator and/or beneficial insect habitat	327 - Conservation Cover 386 - Field Border 612 - Tree and Shrub Establishment 512 - Forage and Biomass Planting 550 - Range Planting 380 - Windbreak and Shelterbelt Establishment 422 – Hedgerow Planting 645 – Upland Wildlife Habitat Management 647 – Early Successional Habitat Development/Management	AIR08 ANM05 ANM07 ANM09 (forest) ANM12 ANM21 ANM23 ANM32 ANM33 ENR01 PLT06 PLT18 WQL05 WQL09
PLT16	Intensive management for rotational grazing	528 - Prescribed Grazing 614 – Watering Facility 382 – Fence 516 – Pipeline	PLT05 (forest) PLT17 (forest) WQL19 (forest)
PLT17	Creating forest openings to improve hardwood stands	666 – Forest Stand Improvement	

PLT18	Increasing on-farm food production with edible woody buffer landscapes	311 - Alley Cropping 380 - Windbreak and Shelterbelt Establishment 650 - Windbreak/shelterbelt Renovation 391 - Riparian Forest Buffer 612- Tree and Shrub Establishment 381 - Silvopasture Establishment 379 - MultiStory Cropping 645 – Upland Wildlife Habitat Management 647 – Early Successional Habitat Development/Management	AIR08 ANM05 ANM07 ANM21 ANM32 ANM33 PLT15 ENR01 WQL05 WQL09
PLT19	Herbicide Resistent Weed Management	328 – Conservation Crop Rotation 595 – Integrated Pest Management	None
PLT20	High Residue Cover Crops or Mixtures of High Residue Cover Crops for Weed Suppression and Soil Health	328 – Conservation Crop Rotation 340 – Cover Crop	SQL12
PLT21	Forest stand improvement pre-treating vegetation and fuels preceding a prescribed fire	338 - Prescribed Burning 666 - Forest Stand Improvement 384 - Forest Slash Treatment 394 - Firebreak, 383 - Fuelbreak	None
SOE05	Intensive No Till (Organic or Non-organic Systems)	329 - Residue & Tillage Management - No Till/Strip Till/Direct Seed 328 - Conservation Crop Rotation 340 - Cover Crop	ANM12 ANM21 ENR01 SQL10 WQL17

SQL01	Controlled Traffic System	None	ANM12 ANM21 ENR01 WQL09
SQL04	Use of Cover Crop Mixes	340 - Cover Crop	ANM12 SQL11 ANM21 WQL27 ANM31
SQL05	Use deep rooted crops to breakup soil compaction	328 - Conservation Crop Rotation 340 - Cover Crop	ANM12 ANM31 ANM21 WQL27
SQL08	Intercropping to improve soil quality and increase biodiversity	328 - Conservation Crop Rotation 340 - Cover Crop	ANM21 SQL09 ANM23 SQL11 WQL25
SQL09	Conversion of cropped land to grass-based forage agriculture	512 - Forage and Biomass Planting 528 - Prescribed Grazing 327 - Conservation Cover	AIR03 SQL08 ANM12 WQL10 ANM21 WQL17 ANM23 WQL20 CCR99 WQL25 ENR12 WQT08
SQL10	Crop Management System where Cropland Acres were Recently Converted from CRP Grass/legume Cover or Similar Perennial Vegetation	328 – Conservation Crop Rotation 329 – Residue and Tillage Management, No Till/strip till/direct seed 340 – Cover Crop	ANM12 ANM21 ENR01 SOE05 WQL09

SQL11	Cover Cropping in Orchards, Vineyards and Other Woody Perennial Horticultural Crops	340 – Cover crop 327 – Conservation cover	ENR10 SQL04 SQL08 WQL10
SQL12	Intensive Cover Cropping in Annual Crops	340 – Cover crop	ANM12 ANM21 ANM31 PLT20 WQL27
WQL01	Biological suppression and other non-chemical techniques to manage brush, herbaceous weeds and invasive species	314 - Brush Management (non-chemical methods) 315 – Herbaceous Weed Control 528 - Prescribed Grazing 595 - Integrated Pest Management (high intensity)	AIR04 AIR07
WQL03	Rotation of supplement and feeding areas	528 - Prescribed Grazing	PLT05
WQL04	Plant tissue tests and analysis to improve nitrogen management	590 - Nutrient Management (high intensity, precision agriculture)	ANM21
WQL05	Apply nutrients no more than 30 days prior to planned planting date	590 - Nutrient Management (all levels)	ANM07 PLT15 ANM12 PLT18 ANM23 ANM32

WQL07	Split nitrogen applications 50% after crop emergence	590 - Nutrient Management (all levels)	ANM21 WQL24 ENR10
WQL09	Apply phosphorus fertilizer below soil surface	590 - Nutrient Management (all levels)	ANM05 PLT15 ANM07 PLT18 ANM10 SQL01 SQL10 ANM12 ANM23 ANM32
WQL10	Plant an annual grass-type cover crop that will scavenge residual nitrogen	340 - Cover Crop 328 - Conservation Crop Rotation	ANM12 SQL11 ANM21 SQL09 WQL27 ANM31
WQL11	Precision application technology to apply nutrients	590 - Nutrient Management (precision agriculture)	ANM21
WQL13	High level Integrated Pest Management to reduce pesticide environmental risk	595 - Integrated Pest Management (high intensity, precision agriculture, avoidance and prevention)	ANM21 WQL20 WQL19 WQL21
WQL14	Land application of treated manure	590 – Nutrient Management 629 – Waste Treatment	ANM21
WQL17	Use of non-chemical methods to kill cover crops	340 – Cover Crop	ANM21 WQL27 ANM31 SQL09 SOE05
WQL18	Non-chemical pest control for livestock	645 - Upland Wildlife Habitat Management (general) 528 - Prescribed Grazing 595 – Integrated Pest Management	ANM23

WQL19	Transition to organic grazing systems	511 - Forage Harvest Management 528 - Prescribed Grazing 614 - Watering Facility 382 - Fence 138 - Transition to Organic CAP 110 - Grazing Management CAP	AIR04 AIR07 ANM23 ANM29 PLT16 WQL13
WQL20	Transition to organic cropping systems	328 - Conservation Crop Rotation 340 - Cover Crop 345 - Residue and Tillage Management - Mulch Till 329 - Residue and Tillage Management - No Till/Strip Till/ Direct Seed 595 - Integrated Pest Management 590 - Nutrient Management 138 - Transition to Organic CAP	AIR04 AIR07 AIR08 ANM21 SQL09 WQL13
WQL21	Integrated pest management for organic farming	595 - Integrated Pest Management	AIR04 AIR07 WQL13
WQL22	Composting of on-farm organic waste	316 - Animal Mortality Facility 317 - Composting Facility	AIR08 ANM21
WQL24	Apply enhanced efficiency fertilizer products	590 - Nutrient Management (high level or precision)	ANM21 WQL07 ENR10
WQL25	Split applications of nitrogen based on PSNT	590 - Nutrient Management (high level or precision)	ANM21 SQL08 ENR10 SQL09
WQL26	Reduce the concentration of nutrients imported on farm	590 – Nutrient Management 592 – Feed Management	ANM21

WQL27	Drainage water management for nutrient, pathogen, or pesticide reduction	554 - Drainage water management	AMN21 ANM12 ANM31 ENR12 SQL04 SQL05 SQL12 WQL10 WQL17
WQT01	Irrigation system automation	449 - Irrigation Water Management	ANM21
WQT03	Irrigation pumping plant evaluation	122 - AEM Headquarters CAP 124 - AEM Landscape CAP 533 – Pumping Plant	ANM21
WQT05	Remote monitoring and notification of irrigation pumping plant operation	449 - Irrigation Water Management	ANM21
WQT07	Regional weather networks for irrigation scheduling	449 - Irrigation Water Management	ANM21
WQT08	Decrease irrigation water quantity or conversion to non-irrigated crop production	449 – Irrigation Water Management 328 – Conservation Crop Rotation	ANM21 ANM23 SQL09
FRD01	On Farm Research and Demonstrations	327 - Conservation Cover 386 - Field Border 612 - Tree and Shrub Establishment 512 - Forage and Biomass Planting 550 - Range Planting 380 - Windbreak and Shelterbelt Establishment	Project 1 - PLT15 Project 2 - None

FPP02	On Farm Pilot Projects	327 - Conservation Cover 386 - Field Border 612 - Tree and Shrub Establishment 512 - Forage and Biomass Planting 550 - Range Planting 380 - Windbreak and Shelterbelt Establishment	Project 1 – PLT15 Project 2 - ENR12 SQL02 SQL04 WQL10
CCR99	Resource-Conserving Crop Rotation	328 - Conservation Crop Rotation 340 - Cover Crop	AIR03 ANM12 ANM21 SQL09 WQL09
BCR06	Crop Technology Bundle # 6 (Improves nutrient and pesticide application techniques and widens buffers)	See duplicate practice information for individual enhancements within the Bundle	BCR09
BCR09	Crop Technology Bundle # 9 (Addresses Orchard and vineyard resource concerns)	See duplicate practice information for individual enhancements within the Bundle	BCR08
BF007	Forest Bundle # 7 (Improves wildlife habitate in conifer or mixed forests)	See duplicate practice information for individual enhancements within the Bundle	BF008

BFO08	Forest Bundle # 8 (Improves wildlife habitat in hardwood or mixed forests)	See duplicate practice information for individual enhancements within the Bundle	BF007
BPA07	Pasture Bundle # 7 (Improves forage utilization)	See duplicate practice information for individual enhancements within the Bundle	BPA09
BPA09	Pasture Grazing Bundle # 9 (Addresses multiple resource concerns)	See duplicate practice information for individual enhancements within the Bundle	BPA07
BRA08	Range Grazing Bundle # 8 (Addresses multiple resource concerns)	See duplicate practice information for individual enhancements within the Bundle	BRA09
BRA09	Range Grazing Bundle # 9 (Addresses multiple resource concerns)	See duplicate practice information for individual enhancements within the Bundle	BRA08

[1] **Listed duplicate practices are <u>potential</u> duplicates, and should be considered on a case by case basis. Duplication will depend on what the EQIP/WHIP contract requires compared to the enhancement criteria chosen by the producer.**