

Conservation Stewardship Program Activity List for Planners

The Conservation Stewardship Program (CSP) encourages agricultural producers to improve conservation systems by undertaking additional conservation activities and improving, maintaining, and managing existing conservation activities. Conservation activities include enhancements and conservation practices.

Enhancements – Conservation activities selected by producers that are used to treat natural resources and improve conservation performance

Practices – Conservation practices are used in CSP for the purpose of encouraging producers to meet additional stewardship thresholds. During the application process, an applicant may identify resource concern stewardship thresholds by land use that they are not meeting with existing activities, and agree to meet them by installing new conservation practices. The new conservation practices that need to be installed will be identified by NRCS during the application process. During on-site field verification for approved applicants, NRCS will determine the required practices using the conservation planning process.

Enhancement List													
Code	Eligible Land Use				Enhancement Name	Units	Actual/System	Conservation Performance Effectiveness	Relative Cost	Amount Applicable	Information States Need to Develop Prior to Signup	May Be Applicable on Land Adjacent to Eligible Land	May Be Filtered by Existing Activities
AIR01	Crop				Injecting or incorporating manure	acre	System	Medium	Low	ac of cropland			Yes
AIR02	Crop	Pasture			Nitrogen Stabilizers for Air Emissions Control	acre	System	Medium	Low	ac of crop or pasture			Yes
AIR03	Crop				Replace burning of prunings, removals and other crop residues with non-burning alternatives (chipping, grinding, shredding, mowing or composting)	acre	System	Low	Low	ac of cropland (orchards, vineyards) where burning is currently used			
AIR04	Crop	Pasture			Use drift reducing nozzles, low pressures, lower boom height, and adjuvants to reduce pesticide drift	acre	System	High	Low	ac crop or pasture			Yes
AIR05	Crop	Pasture	Range	Forest	Dust control on unpaved roads and surfaces	acre	System	Low	Medium	ac of roads or other areas w/dust problems		Yes	Yes
AIR06	Crop				Replacing oil- and wood-fired heaters in orchards and vineyards	acre	System	Low	Very High	No. of oil or wood fired heaters currently used			
AIR07	Crop	Pasture	Range	Forest	GPS, targeted spray application (SmartSprayer), or other chemical application electronic control technology	acre	System	High	Low	ac crop, pasture, rangeland, or forest land		Yes	Yes
ANM01	Crop				Drainage water management for seasonal wildlife habitat	acre	System	Medium	Low	ac of cropland that have the potential for flooding			Yes
ANM02	Crop				Defer crop production on temporary and seasonal wetlands	acre	System	Medium	High	ac of seasonal wetlands that might be cropped (FW)	State need to identify dates that area is left undisturbed		
ANM03		Pasture			Incorporate native grasses and/or legumes into 15% or more of the forage base	acre	Actual	Medium	Medium	ac of pasture	States need to identify adapted species, seeding rates, and seeding dates.		
ANM04	Crop	Pasture			Extend existing filter strips for water quality protection and wildlife habitat	acre	Actual	High	Low	25' x length of existing 35' buffers	States need to identify list of 5 species of non-noxious, wildlife friendly grasses and/or perennial forbs		Yes

ANM05	Crop	Pasture			Extending riparian forest buffers for water quality protection and wildlife habitat	acre	Actual	High	Low	25' x length of existing 35' buffers	States need to identify list of 5 species of non-noxious, wildlife friendly grasses and/or perennial forbs		Yes
ANM06	Crop	Pasture	Range		Extending existing riparian herbaceous cover for water quality protection and wildlife habitat	acre	Actual	High	Low	25' x length of existing 35' buffers	States need to identify list of 5 species of non-noxious, wildlife friendly grasses and/or perennial forbs		Yes
ANM07	Crop	Pasture			Extending existing field borders for water quality protection and wildlife habitat	acre	Actual	Medium	Low	25' x length of existing 35' buffers	States need to identify list of 5 species of non-noxious, wildlife friendly grasses and/or perennial forbs		Yes
ANM08	Crop	Pasture			Improve the plant diversity and structure of non-cropped areas for wildlife food and habitat	acre	Actual	Medium	Low	1 ac per 40 ac of crop or pasture	States need a list of acceptable plants suitable for wildlife habitat	Yes	
ANM09		Pasture	Range		Grazing management to improve wildlife habitat	acre	System	Medium	Low	ac of pasture	States need nesting/fawning dates		
ANM10	Crop				Harvest hay in a manner that allows wildlife to flush and escape	acre	System	Medium	Medium	ac of hay			
ANM11		Pasture	Range	Forest	Patch-burning to enhance wildlife habitat	acre	System	Medium	Very Low	ac pasture	States need nesting/fawning dates		
ANM12	Crop	Pasture	Range	Forest	Shallow water habitat	acre	Actual	Medium	Low	1 ac per 100 ac of crop, pasture, range or forest land			
ANM13	Crop	Pasture	Range		Non-forested riparian zone enhancement for fish and wildlife	acre	Actual	Medium	Low	ac of non-forested riparian zone	States need list of suitable woody and/or herbaceous plants	Yes	Yes
ANM14	Crop	Pasture	Range	Forest	Riparian forest buffer, terrestrial and aquatic wildlife habitat	acre	System	Medium	Low	ac of forested riparian zone	Need list of suitable woody and/or herbaceous plants	Yes	Yes
ANM15				Forest	Forest stand improvement for habitat and soil quality	acre	System	Medium	Low	ac of forest	NRCS State Offices will need to develop an example site description that defines the number of snags, the amount of downed wood and number of den trees expected per acre.		
ANM16	Crop				Harvesting crops using a stripper header	acre	System	Medium	Low	ac of cropland			
ANM17		Pasture	Range		Monitoring nutritional status of livestock using the NUTBAL PRO System	acre	System	Medium	Low	ac of pasture			
ANM18		Pasture	Range	Forest	Retrofit watering facility for wildlife escape	no.	Actual	Low	Very Low	No. of existing troughs			Yes
ANM19	Crop	Pasture	Range	Forest	Wildlife corridors	acre	Actual	High	Low	30' x distance between existing wildlife habitat	States will need to be able to identify a "wildlife friendly" fence		
ANM20		Pasture		Forest	Silvopasture for wildlife habitat	acre	System	Medium	Medium	ac of pasture or forest			
ANM21	Crop	Pasture	Range		Prairie Restoration for Grazing and Wildlife Habitat	acre	Actual			ac of cropland, pasture or range that historically were prairie	States will need to develop seed mixes for prairie restoration		
ANM22	Crop	Pasture	Range	Forest	Restoration and Management of Rare or Declining Habitats	acre	Actual			ac of cropland, pasture, range or forest that have rare habitats	States will need to identify eligible habitats and the type of restoration that will be necessary		

ANM23	Crop	Pasture	Range		Multi-species Native Perennials for Biomass/Wildlife Habitat	acre	Actual			ac of cropland, pasture or range			
ENR01	Crop				Fuel use reduction for field operations	acre	System	Medium	Medium	ac of cropland			
ENR02		Pasture	Range	Forest	Solar powered electric fence charging systems	no.	Actual	Low	Low	existing no. of fence chargers			
ENR03	Crop	Pasture	Range		Pumping plant powered by renewable energy	no.	Actual	Medium	Medium	No. of existing pumping plants		Yes	Yes
ENR04	Crop	Pasture	Range	Forest	Recycle 100% of farm lubricants	no.	System	Medium	Low	Max of 1		Yes	
ENR05	Crop	Pasture	Range	Forest	Locally grown and marketed farm products	acre	System	Medium	Very Low	Max of 1			
PLT01	Crop	Pasture	Range	Forest	Establish pollinator habitat	acre	Actual	Medium	Medium	0.5 ac per 40 ac of crop, pasture, range or forest land	State need to develop list of suitable plants for pollinator habitat, also might need a seed source list	Yes	
PLT02		Pasture	Range	Forest	Monitor key grazing areas to improve grazing management	acre	System	Medium	Low	ac of pasture or range			
PLT03				Forest	Forest stand improvement pre-treating vegetation and fuels	acre	System	Low	Low	ac of forest			
PLT04				Forest	Forest Stand Improvement, Prescribed burning	acre	System	Medium	Low	ac of forest			
PLT05				Forest	Multi-story cropping, sustainable management of nontimber forest plants	acre	System	Medium	Medium	ac of forest			
PLT06	Crop	Pasture			Renovate a windbreak or shelter belt for wildlife habitat	acre	Actual	High	Low	ac of existing windbreaks or shelterbelts	State list of wildlife species that would benefit from renovation, list of windbreak species that are needed to accomplish this		
PLT07				Forest	Hardwood Crop Tree Release	acre	Actual			ac of hardwood forest	States will need to identify target species for CTR		
PLT08	Crop				Habitat Development for Beneficial Insects for Pest Management	acre	Actual			0.5 ac per 40 ac of cropland	States will need to develop lists of plants beneficial to insects		
PLT09				Forest	Forest Stand Improvement to Reduce Wildfire Risk	acre	Actual			ac of forest			
PLT10		Pasture			Intensive Management of Rotational Grazing	acre	Actual			ac of pasture	States will need to establish criteria for length, intensity and frequency of grazing		
SOE01	Crop				Continuous no till with high residue	acre	System	Very High	Medium	ac of cropland	States need to define high residue, low residue crops		
SOE02	Crop	Pasture	Range	Forest	Protect cultural resources sites with conservation cover	acre	Actual	Medium	Medium	ac of existing cultural resource sites			
SOE03	Crop				Continuous No Till Organic System	acre	System	Very High	Medium	ac of cropland	States need to define high residue, low residue crops		
SQL01	Crop				Controlled traffic system	acre	System	High	Low	ac of cropland			

SQL02	Crop				Continuous cover crops	acre	System	Very High	High	ac of cropland	States will need to be sure their cover crop recommendations are up to date and cover the five different criteria listed in the enhancement		
SQL03	Crop				Drainage water management for nutrient, pathogen, or pesticide reduction	acre	Actual	Low	Medium	ac of cropland that have the potential for flooding			Yes
SQL04	Crop				Use of Cover Crop Mixes	acre	System	Medium	Medium	ac of cropland	States need to develop list of approved cover crop mixes		
SQL05	Crop				Use deep rooted crops to breakup soil compaction	acre	System	Medium	Low	ac of cropland	States need to develop list of approved deep rooted crops		
SQL06	Crop				Conversion of cropped land to grass-based agriculture	acre	Actual			ac of cropland	States need to develop list of acceptable perennial grass seed mixtures		
WQL01		Pasture	Range		Biological suppression and other non-chemical techniques to manage brush	acre	Actual	High	Very High	ac of pasture or range	State will need to get information from land grants on Biological suppression techniques that are suitable for their area. Also will need analysis information to determine which method is best		
WQL02		Pasture	Range		Biological suppression and other non-chemical techniques to suppress herbaceous weeds	acre	Actual	High	Very High	ac of pasture or range	State will need to get information from land grants on Biological suppression techniques that are suitable for their area. Also will need analysis information to determine which method is best		
WQL03		Pasture	Range	Forest	Rotation of supplement and feeding areas	acre	System	High	Very Low	ac of pasture or range			
WQL04	Crop				Plant tissue tests and analysis to improve nitrogen management	acre	System	Medium	Low	ac of cropland	States may need to have information available on how to conduct the test, where to send the samples and how to interpret the results.		Yes
WQL05	Crop				Apply nutrients no more than 30 days prior to planned planting date	acre	System	Low	Low	ac of cropland or pasture			Yes
WQL06	Crop	Pasture			Apply controlled release nitrogen fertilizer	acre	System	Medium	Medium	ac of cropland	States need to identify those materials that are considered to meet this criteria, might want to add potential supplier list		Yes
WQL07	Crop				Split nitrogen applications 50% after crop emergence	acre	System	Medium	Low	ac of cropland			Yes
WQL08	Crop				Apply split applications of nitrogen based on a pre-sidedress nitrogen test on cropland	acre	System	High	Low	ac of cropland	States may need to have information available on how to conduct the test, were to send the samples and how to interpret the results.		Yes
WQL09	Crop				Apply phosphorus fertilizer below soil surface	acre	System	Low	VL-crop	ac of cropland			Yes

WQL10	Crop				Plant an annual grass-type cover crop that will scavenge residual nitrogen	acre	System	High	High	ac of cropland	State will need to have list of approved cover crops for this and a way to estimate the amount of N that is scavenge		
WQL11	Crop	Pasture			Precision application technology to apply nutrients	acre	System	Medium	Low	ac of crop or pasture			Yes
WQL12		Pasture	Range	Forest	Managing livestock access to water bodies/courses	acre	System	Medium	Very Low	ac of pasture, range or forest lands that are grazed and have water bodies or courses accessible to livestock		Yes	Yes
WQL13	Crop	Pasture	Range	Forest	High level Integrated Pest Management to reduce pesticide environmental risk	acre	System	High	Low	ac of crop, pasture, range or forest land	States need to identify what constitutes "high level IPM"		Yes
WQL14	Crop	Pasture			Land apply only treated manure	acre	System	Medium	Low	ac of crop or pasture where manure is applied			
WQL15	Crop	Pasture			Reduce the concentration of nutrients on farm by limiting the amount of feed and fertilizer brought on livestock farms	acre	System	High	High	Max of 1			
WQL16	Crop				Use of legume cover crops as a nitrogen source	acre	System	Very High	Low	Max of 1			
WQL17	Crop				Use of non-chemical methods to kill cover crops	acre	System	High	High	ac of cropland			
WQL18		Pasture	Range	Forest	Non- Chemical Pest Control for Livestock	acre	Actual			ac of pasture, range or forest used for grazing	States will need to identify acceptable non-chemical pest control methods		
WQL19		Pasture	Range	Forest	Transition to Organic Grazing Systems	acre	Actual			ac of pasture, range or forest used for grazing	States should be familiar with NOP requirements		
WQL20	Crop				Transition to Organic Cropping Systems	acre	Actual			ac of cropland	States should be familiar with NOP requirements		
WQL21	Crop	Pasture	Range		Integrated Pest Management for Organic Farming.	acre	Actual			ac of pasture, range or forest	States should be familiar with NOP requirements		
WQT01	Crop	Pasture			Irrigation system automation	acre	System	High	Low	ac of irrigated land			Yes
WQT02	Crop				Mulching for moisture conservation	acre	System	Medium	Medium	ac of irrigated land			Yes
WQT03	Crop	Pasture			Irrigation pumping plant evaluation	acre	System	Medium	Medium	No. of pumping plants		Yes	Yes
WQT04	Crop	Pasture			Regional weather networks for irrigation scheduling	acre	System	High	Medium	Max of 1			Yes
WQT05	Crop	Pasture			Remote monitoring and notification of irrigation pumping plant operation	acre	System	High	Very Low	Max of 1			Yes
FRD01	Crop	Pasture	Range	Forest	On Farm Research and Demonstrations	acre	Actual	Medium			States will need to identify acceptable on-farm research projects		
FPP02	Crop	Pasture	Range	Forest	On Farm Pilot Projects	acre	Actual	Medium			States will need to identify acceptable on-farm pilot projects		

CCR99	Crop				Resource-Conserving Crop Rotation	acre	System	Very High			States will need to identify acceptable resource conserving crop rotations		
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 Indicates enhancement was edited
 New enhancement

Conservation Practice List

Code	Eligible Land Use				Practice Name	Units	Actual/System	Conservation Performance Effectiveness	Relative Cost
314		Pasture	Range	Forest	Brush Management	acre	Actual	Medium	Low
328	Crop				Conservation Crop Rotation	acre	System	High	Medium
329	Crop				Residue and Tillage Management, No-Till/Strip Till/Direct Seed	acre	System	High	Medium
338		Pasture	Range	Forest	Prescribed Burning	acre	System	Medium	Very Low
340	Crop				Cover Crop	acre	System	Very High	High
342	Crop	Pasture	Range	Forest	Critical Area Planting	acre	Actual	Medium	Low
344	Crop				Residue Management, Seasonal	acre	System	Low	Medium
345	Crop				Residue and Tillage Management, Mulch Till	acre	System	High	Medium
346	Crop				Residue and Tillage Management, Ridge Till	acre	System	High	Medium
380	Crop	Pasture	Range		Windbreak/Shelterbelt Establishment	feet	Actual	Very High	Medium
383		Pasture	Range	Forest	Fuelbreak	acre	Actual	Low	Low
384				Forest	Forest Slash Treatment	acre	Actual	Low	Low
386	Crop				Field Border	acre	Actual	Medium	Medium
390	Crop	Pasture	Range		Riparian Herbaceous Cover	acre	Actual	Medium	Very Low
391	Crop	Pasture			Riparian Forest Buffer	acre	Actual	High	Very Low
393	Crop				Filter Strip	acre	Actual	Medium	Very Low

394		Pasture	Range	Forest	Firebreak	feet	Actual	Low	Low
395	Crop	Pasture	Range	Forest	Stream Habitat Improv/Mgmt	acre	System	Medium	Low
449	Crop	Pasture			Irrigation Water Management	acre	System	High	Medium
511		Pasture			Forage Harvest Management	acre	System	Low	Low
512		Pasture			Pasture and Hay Planting	acre	Actual	Medium	Medium
528		Pasture	Range	Forest	Prescribed Grazing	acre	System	High	Very Low
550			Range		Range Planting	acre	Actual	Medium	Low
612				Forest	Tree/Shrub Establishment	acre	Actual	High	Low
643	Crop	Pasture	Range	Forest	Restoration and Management of Rare and Declining Habitats	acre	System	Medium	Very Low
644	Crop	Pasture	Range	Forest	Wetland Wildlife Habitat Management	acre	System	Medium	Very Low
645	Crop	Pasture	Range	Forest	Upland Wildlife Habitat Management	acre	System	Medium	Low
647	Crop	Pasture	Range	Forest	Early Successional Habitat Development/Management	acre	System	Medium	Low
650	Crop	Pasture	Range		Windbreak/Shelterbelt Renovation	acre	Actual	High	Low
654				Forest	Road/Trail/Landing Closure and Treatment	feet	Actual	Medium	Low
655				Forest	Forest Trails & Landings	acre	Actual	Medium	Very Low
660				Forest	Tree/Shrub Pruning	acre	System	Low	Low
666				Forest	Forest Stand Improvement	acre	System	Medium	Low