



# CSP Enhancement Effects on Cultural Resources

## CSP - Conservation Security Program & Conservation Stewardship Program (May 2015)

### Rating

**G** **Ground (Resource) Disturbing** - conservation practices considered as “undertakings with the potential to affect cultural resources”.

Some conservation practices have a high potential to affect cultural resources when installed according to standard NRCS criteria. These practices are considered “undertakings with the potential to effect cultural resources”. **Cultural resource considerations are required. A Cultural Resources Review Worksheet (CRRW) must be completed and submitted to the NRCS State Office.**

**PG** **Potentially Ground (Resource) Disturbing** - conservation practices considered as “undertakings with the potential to affect cultural resources”, except when non-intrusive.

Some conservation practices may affect cultural resources unless they are installed under situations that are considered to be non-intrusive. **Cultural resource considerations are required, unless the installation is non-intrusive.** If non-intrusive, then no further cultural resource considerations are required.

Conservation practices are considered to be non-intrusive if;

The installation of the practice will not change the landscape or viewshed near buildings and other structures that are 50 years old or older and either of the following applies:

- (1) The installation of the practice will not exceed the depth, extent, or kind of previous cultivation or other earth disturbance activity.
- (2) The installation of the practice will result in no ground disturbance.

**NG** **Not Ground (Resource) Disturbing** - conservation practices not considered as “undertakings with the potential to affect cultural resources”.

Some conservation practices are primarily management related and will not have any physical effects or alteration to a cultural resource. These practices are not just benign, but often provide beneficial effects by affecting soil or cover stability. Such practices do not require further cultural resources considerations.



## CSP ENHANCEMENT RATINGS

New or unrated enhancements have a default rating of PG

Code	Enhancement Name	Unit	Primary NRCS Related Practice Code	Rating
AIR03	<i>Replace burnings, removals and other crop residues with non-burning alternatives</i>	acre	384	NG
AIR04	<i>Use drift reducing nozzles, low pressures, lower boom height, and adjuvants to reduce pesticide drift</i>	acre	595	NG
AIR07	<i>GPS, targeted spray application (SmartSprayer), or other chemical application electronic control technology</i>	acre	595	NG
AIR09	<i>Nitrification inhibitors or urease inhibitors</i>	acre	590	NG
AIR10	<i>Discontinue burning crop residue</i>	acre	345	NG
ANM03	<i>Incorporate native grasses and/or legumes into 15% or more of hbage dry matter productivity</i>	acre	512	NG
ANM09	<i>Grazing management to improve wildlife habitat</i>	acre	528	NG
ANM11	<i>Patch-burning to enhance wildlife habitat</i>	acre	645	NG
ANM12	Shallow water habitat	acre	644	<b>PG</b>
ANM21	Prairie restoration for grazing and wildlife habitat	acre	550	NG
ANM25	Stockpiling of forages to extend the grazing seas	acre	528	NG
ANM27	Wildlife Friendly Fencing	Ft.	649	<b>PG</b>
ANM29	<i>On-farm forage based grazing system</i>	acre	528	NG
ANM31	<i>Drainage water management</i>	acre	554	NG
ANM32	Extend existing filter strips or riparian herbaceous cover for water quality protection and wildlife habitat	acre	390, 393	<b>PG</b>
ANM33	Riparian buffer, terrestrial and aquatic wildlife habitat	acre	390, 391	<b>PG</b>
ANM34	<i>Leaving standing grain crops unharvested to benefit wildlife</i>	acre	645	NG
ANM35	<i>Enhance wildlife habitat on expired grass/legume covered CRP acres or acres with similar perennial vegetated cover managed as hayland</i>	acre	511	NG
ANM36	<i>Enhance wildlife habitat on expired tree covered CRP acres or acres with similar woody cover managed as forestland</i>	acre	666	NG

**CSP ENHANCEMENT RATINGS**

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<b>Code</b>	<b>Enhancement Name</b>	<b>Unit</b>	<b>Primary NRCS Related Practice Code</b>	<b>Rating</b>
ANM37	<i>Prescriptive grazing management system for grazing lands (includes expired CRP grass/legume or tree covered acres converted to a grazing lands)</i>	acre	528	NG
ANM38	Retrofit watering facility for wildlife escape and enhanced access for bats and bird species	no.	649	<b>PG</b>
ANM39	Extending riparian forest buffers for water quality protection and wildlife habitat	acre	391	<b>PG</b>
ANM40	<i>Extending existing field borders for water quality protection and wildlife habitat</i>	acre	386	NG
ANM41	<i>Multi-species native perennials and native self-seeding annuals for biomass/wildlife habitat</i>	acre	550	NG
ANM42	<i>Forest stand improvement for wildlife habitat and soil quality</i>	acre	666	NG
ANM43	<i>Removal of woody vegetation from rice field levees to improve habitat for nesting king rail</i>	acre	647	NG
ANM44	<i>Close structures to capture and retain rainfall for waterfowl and wading birds during winter</i>	acre	554	NG
ANM45	<i>Manipulate vegetation on fields where rainfall is to be captured and retained</i>	acre	554	NG
ANM46	<i>Extend retention of captured rainfall to provide late winter habitat for migratory waterfowl and shorebirds</i>	acre	554	NG
ANM47	<i>Shorebird habitat, late season shallow water with manipulation</i>	acre	554	NG
ANM48	<i>Shorebird habitat, extended late season shallow water with manipulation</i>	acre	554	NG
ANM49	<i>Early successional habitat between first rice crop and ratoon crop</i>	acre	554	NG
ANM50	<i>Control of undesirable woody vegetation in moist soil wetlands for wildlife</i>	acre	647	NG
ANM51	<i>Establish and maintain early successional, naturally occurring vegetation in ditches and ditch bank borders for wildlife habitat and water quality protection</i>	feet	647	NG
ANM52	<i>Implement fallow disking to improve wildlife habitat</i>	acre	648	NG
ANM53	<i>Hinge cutting for wildlife</i>	acre	645	NG

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Code	Enhancement Name	Unit	Primary NRCS Related Practice Code	Rating
ANM54	Prescribed burning for upland birds and other wildlife	acre	338	<b>PG</b>
ANM55	<i>Creation and retention of snags, den trees and course woody debris for wildlife habitat</i>	acre	645	NG
ANM56	<i>Increase summer roost habitat for forest dwelling bat species</i>	acre	645	NG
ANM57	<i>Removal of all threats to sensitive wildlife species on the operation</i>	acre	646	NG
ANM58	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	no.	649	<b>PG</b>
ANM59	<i>Grazing management to improve Sage grouse habitat</i>	acre	528	NG
ANM60	Grouse friendly fencing	Ft.	649	<b>PG</b>
ANM61	<i>Hosting a grazing related field day</i>	acre	528	NG
ANM62	<i>Deferred grazing to improve Lesser Prairie-chicken (LPC) habitat</i>	acre	528	NG
ANM63	<i>Harvest crop in a manner that allows wildlife to flush and escape</i>	acre	511	NG
ANM64	<i>Managing livestock parturition to coincide with forage availability</i>	acre	528	NG
ANM65	<i>Monitoring nutritional status of ruminant livestock using the NUTBAL system</i>	acre	528	NG
CCR98	<i>Improved Resource Conserving Crop Rotation (IRCCR)</i>		328	NG
CCR99	<i>Resource-Conserving Crop Rotation</i>		328	NG
ENR01	<i>Fuel use reduction for field operations</i>	acre	329	NG
ENR10	<i>Using N provided by legumes, animal manure and compost to supply 90-100% of the N needs</i>	acre	590	NG
ENR11	Improving energy feedstock production using alley cropping systems with short rotation woody crops	acre	311	<b>PG</b>
ENR12	<i>Use of legume cover crops as a N source</i>	acre	340	NG
ENR13	<i>Variable speed motor-drive systems</i>	no.	374	NG
PLT02	<i>Monitor key grazing areas to improve grazing management</i>	acre	528	NG
PLT06	Renovation of a windbreak, shelter belt or hedgerow for wildlife habitat	acre	380	<b>PG</b>

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New or unrated enhancements have a default rating of PG

Code	Enhancement Name	Unit	Primary NRCS Related Practice Code	Rating
PLT15	<i>Establish pollinator and/or beneficial insect habitat</i>	acre	327, 386	NG
PLT16	<i>Intensive rotational grazing</i>	acre	528	NG
PLT17	<i>Creating forest openings to improve hardwood stand</i>	acre	666	NG
PLT18	<i>Increasing on-farm production with edible woody</i>	acre	645	NG
PLT19	<i>Herbicide resistant weed management</i>	acre	328, 595	NG
PLT20	<i>High residue cover crop or mixtures of high residue cover crops for weed suppression and soil health</i>	acre	340	NG
PLT21	Forest stand improvement pre-treating vegetation and fuels preceding a prescribed fire	acre	338	<b>PG</b>
PLT22	Multi-story cropping, sustainable management of non-timber forest plants	acre	379	<b>PG</b>
PLT23	<i>Conifer crop tree release</i>	acre	666	NG
PLT24	<i>Crop tree release in young hardwood stands</i>	acre	666	NG
PLT25	<i>Prune low density pine or hardwood trees to improve tree quality and wildlife habitat</i>	acre	660	NG
PLT26	<i>Forest stand improvement to treat understory vegetation to minimize the risk of damaging wildfires, and/or manipulate the density and composition of tree species to improve wildlife habitat and forest health</i>	acre	666	NG
PLT27	<i>Create small openings in pine stands to improve wildlife habitat or to prepare the area for natural regeneration</i>	acre	666	NG
PLT28	Prescribed burning to promote and enhance conifer forests and maintain a healthy understory	acre	338	<b>PG</b>
PLT29	<i>Rehabilitating damaged or cut over stands</i>	acre	666	NG
PLT30	<i>Monitor pasture health using pasture condition scores (PCS)</i>	acre	528	NG
PLT31	Forest stand improvement, prescribed burning – short return interval	acre	338	<b>PG</b>
SOE05	<i>Intensive no-till (ORGANIC and Non-organic systems)</i>	acre	329, 340	NG
SQL01	<i>Controlled traffic system</i>	acre		NG

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<b>Code</b>	<b>Enhancement Name</b>	<b>Unit</b>	<b>Primary NRCS Related Practice Code</b>	<b>Rating</b>
SQL04	<i>Use of cover crop mixes</i>	<i>acre</i>	340	NG
SQL05	<i>Use deep rooted crops to breakup soil compaction</i>	<i>acre</i>	340	NG
SQL08	<i>Intercropping to improve soil quality and increase biodiversity</i>	<i>acre</i>	328	NG
SQL09	<i>Conversion of cropped land to grass-based agriculture</i>	<i>acre</i>	512	NG
SQL10	<i>Crop management system where crop land acres were recently converted from CRP grass/legume cover or similar perennial vegetation</i>	<i>acre</i>	329, 340	NG
SQL11	<i>Cover cropping in orchards, vineyards and other woody perennial horticultural crops</i>	<i>acre</i>	340	NG
SQL12	<i>Intensive cover cropping in annual crops</i>	<i>acre</i>	340	NG
SQL13	<i>Forest stand improvement for soil health</i>	<i>acre</i>	666	NG
SQL14	<i>Integrate grazing into crop and forest systems</i>	<i>acre</i>	528	NG
SQL15	<i>Utilize the soil health nutrient tool to assess soil nutrient pools</i>	<i>acre</i>	590	NG
SQL16	<i>High species diversity grazing lands</i>	<i>acre</i>	512	NG
SQL17	<i>Placement of hay feeding areas on low fertility soils</i>	<i>acre</i>	590	NG
SQL18	<i>Soil health crop rotation</i>	<i>acre</i>	328	NG
SQL19	<i>Management for rangeland soil health</i>	<i>acre</i>	528	NG
WQL03	<i>Rotation of supplement and feeding areas</i>	<i>acre</i>	528	NG
WQL04	<i>Plant tissue tests and analysis to improve nitrogen management</i>	<i>acre</i>	590	NG
WQL05	<i>Apply nutrients no more than 30 days prior to planned planting date</i>	<i>acre</i>	590	NG
WQL07	<i>Split nitrogen applications, 50% after the crops/pasture emerge/green up</i>	<i>acre</i>	590	NG
WQL09	<i>Apply phosphorus fertilizer below soil surface</i>	<i>acre</i>	590	NG
WQL10	<i>Plant a cover crop that will scavenge residual nitrogen</i>	<i>acre</i>	340	NG
WQL11	<i>Precision application technology to apply nutrients</i>	<i>acre</i>	590	NG
WQL18	<i>Non-chemical Integrated Pest Management for livestock</i>	<i>acre</i>	595	NG
WQL19	<i>Transition to ORGANIC grazing systems</i>	<i>acre</i>	528	NG

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Code	Enhancement Name	Unit	Primary NRCS Related Practice Code	Rating
WQL20	<i>Transition to ORGANIC cropping systems</i>	acre	328	NG
WQL22	On-farm composting of farm organic waste	acre	317	<b>PG</b>
WQL25	<i>Split applications of nitrogen fertilizer based on PSNT</i>	acre	590	NG
WQL26	<i>Reduce the concentration of nutrients imported on farm</i>	acre	592	NG
WQL27	<i>Drainage water management for nutrient, pathogen, or pesticide reduction</i>	acre	554	NG
WQL28	Biological suppression and other non-chemical techniques to manage brush, herbaceous weeds and invasive species	acre	314	<b>PG</b>
WQL29	<i>High level integrated pest management to reduce pesticide environmental risk</i>	acre	595	NG
WQL30	<i>Integrated pest management for ORGANIC farming</i>	acre	595	NG
WQL31	<i>Land application of treated manure</i>	acre	590	NG
WQL32	<i>Apply enhanced efficiency fertilizer products</i>	acre	590	NG
WQL33	<i>Use of non-chemical methods to kill cover crops</i>	acre	340	NG
WQT01	<i>Irrigation system automation</i>	acre	449	NG
WQT03	Irrigation pumping plant evaluation	no.	533	<b>PG</b>
WQT05	<i>Remote monitoring and notification of irrigation pumping plant operation</i>	no.	449	NG
WQT07	<i>Regional weather networks for irrigation scheduling</i>	acre	449	NG
WQT08	<i>Decrease irrigation water quantity or conversion to non-irrigated crop production</i>	acre	328, 449	NG
WQT09	<i>High level or advanced irrigation water management</i>	acre	449	NG
WQT10	<i>Center pivot irrigation system end gun removal</i>	no.	449	NG
WQT11	<i>Low energy precision application (LEPA) irrigation</i>	no.	449	NG
WQT12	<i>Computerized hole selection for polypipe</i>	acre	449	NG
WQT13	<i>Intermittent flooding of rice fields</i>	acre	449	NG