

Conservation Stewardship Program Conservation Activity List



Name: _____

Date: _____

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.

Enhancement Bundles- Are specific enhancements whose installation as a group produce a synergy of conservation performance improvement and addresses resource concerns in a more comprehensive manner. Enhancement bundles are made up of enhancements from this list and include at least five enhancement elements.

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 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 indentified 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.

Activities that interest you	NRCS Code	Eligible Land Use				Enhancement Name	Enhancement Criteria
		Crop	Pasture	Range	Forest		
	AIR01	Crop				Injecting or incorporating manure	Injecting manure 2 inches or more below soil surface or incorporating applied manure within 24 hours to keep nutrients in place and manage odors.
	AIR02	Crop	Pasture			Nitrogen Stabilizers for Air Emissions Control	The use of a nitrogen stabilizer with either urea or ammonium fertilizers to control the rate of ammonia and ammonium conversion. For this enhancement "nitrogen stabilizers" includes nitrification inhibitors and urease inhibitors.
	AIR03	Crop				Replace burning of pruning's, removals and other crop residues with non-burning alternatives	Use of non-burning alternatives to dispose of pruning's, removals and other crop residues from orchards, vineyards and other crops. Non-burning alternatives would include chipping, grinding, shredding, mowing or composting these materials.
	AIR04	Crop	Pasture			Use drift reducing nozzles, low pressures, lower boom height, and adjuvants to reduce pesticide drift	Use chemical drift reduction technologies to reduce drift of applied agricultural chemicals from the intended target. Drift reduction reduces damage to non-target desirable plants and animal habitats and reduces pollution of water bodies. Reducing chemical drift may improve air quality by decreasing particulate matter in the air, and in some cases reduce the potential for release of volatile organic compounds (ozone precursors) into the air.
	AIR06	Crop				Replacing oil- and wood-fired heaters in orchards and vineyards	Replace oil- and wood-fired heaters in orchards and vineyards to manage particulate matter emissions from frost protection.
	AIR07	Crop	Pasture	Range	Forest	GPS, targeted spray application (SmartSprayer), or other chemical application electronic control technology	Utilize electronically-controlled or managed chemical spray application technology to more precisely apply agricultural pesticides to intended targets, which can reduce the total amount of chemical applied, and reduces the potential for chemical drift.
	ANM01	Crop				Drainage water management for seasonal wildlife habitat	Managing soil and/or surface water levels during the off-season to provide seasonal wildlife habitat.
	ANM02	Crop				Defer crop production on temporary and seasonal wetlands	Deferring crop production on temporary and/or seasonal wetlands until after spring migratory bird season to promote early successional wetland habitat.
	ANM03		Pasture			Incorporate native grasses and/or legumes into 15% or more of the forage base	Incorporate native grasses and/or legumes into 15% or more of the forage base (by weight) using adapted species and varieties, appropriate seeding rates, and timing of seeding.

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	ANM04	Crop	Pasture			Extend existing filter strips for water quality protection and wildlife habitat	Extend existing filter strips to gain more efficiency in intercepting overland flow and reducing the transport of nutrients, pesticides and agro-chemicals. Wider filter strips provide more effective habitat for terrestrial animals and provide more inputs to benefit instream habitats.
	ANM05	Crop	Pasture	Range		Extending riparian forest buffers for water quality protection and wildlife habitat	Extend existing buffers to gain more efficiency in intercepting overland flow and reducing the transport of nutrients, pesticides and agro-chemicals. Wider buffers provide more effective riparian habitat for terrestrial animals and provide more inputs to benefit instream habitats.
	ANM06	Crop	Pasture	Range		Extending existing riparian herbaceous cover for water quality protection and wildlife habitat	Extend existing buffers to gain more efficiency in intercepting overland flow and reducing the transport of nutrients, pesticides and agro-chemicals. Wider buffers provide more effective riparian habitat for terrestrial animals and provide more inputs to benefit instream habitats.
	ANM07	Crop	Pasture			Extending existing field borders for water quality protection and wildlife habitat	Extend existing field borders to gain more efficiency in intercepting overland flow and reducing the transport of nutrients, pesticides and agro-chemicals. Wider field borders provide more effective habitat for terrestrial animals.
	ANM08	Crop	Pasture			Improve the plant diversity and structure of non-cropped areas for wildlife food and habitat	Improve plant diversity and structure of non-cropped areas for wildlife food and habitat through the planting and/or management of native plant species.
	ANM09		Pasture	Range	Forest	Grazing management to improve wildlife habitat	Implement a grazing management plan that allows for rest periods to provide adequate residue for nesting and fawning cover and increase diversity of vegetation structure to benefit a variety of wildlife species.
	ANM10	Crop				Harvest hay in a manner that allows wildlife to flush and escape	Harvest hay using conservation measures that allow wildlife to flush and escape. Includes timed haying to avoid periods when upland wildlife are nesting or fawning, idling paddocks or pastures and idling hay land during the nesting or fawning period, leaving a residual forage height conducive to wildlife nesting and fawning for the following year, and applying haying techniques that reduce mortality to wildlife.
	ANM11		Pasture	Range	Forest	Patch-burning to enhance wildlife habitat	Use prescribed burning to create patches of different vegetation structure and species composition for the benefit of wildlife.
	ANM12	Crop	Pasture	Range	Forest	Shallow water habitat	Construct, manage or renovate small, shallow wetland sites to encourage water to remain seasonally, often from late winter through early summer (e.g., vernal pools).
	ANM13	Crop	Pasture	Range		Non-forested riparian zone enhancement for fish and wildlife	Utilizing select conservation measures such as relocating equipment operations, trails, or livestock; establishing diverse native vegetation and controlling invasive species; fencing; and extending the width of the riparian zone to enhance wildlife habitat adjacent to riparian zones of streams, ponds, lakes, or wetlands.
	ANM14	Crop	Pasture	Range	Forest	Riparian forest buffer, terrestrial and aquatic wildlife habitat	Managing forested riparian zones to achieve streamside cover and vegetative diversity and structure to improve terrestrial and aquatic wildlife habitat.

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	ANM15	Crop			Forest	Forest stand improvement for Wildlife Habitat and Soil Quality	Creating snags, den trees, and coarse woody debris on the forest floor to a level optimum for native wildlife usage and long-term forest soil health. May be implemented separately or during thinning or harvesting.
	ANM17		Pasture	Range		Monitoring nutritional status of livestock using the NUTBAL PRO System	Use of the NUTBAL PRO software to determine if current diet meets livestock nutritional needs. Requires collection and laboratory analysis of forage or fecal samples to determine the nutritional value of grazing forages.
	ANM18		Pasture	Range	Forest	Retrofit watering facility for wildlife escape	Retrofit existing watering facilities (troughs, tanks, etc.) to allow for escape of wildlife that become trapped while trying to drink.
	ANM19	Crop	Pasture	Range	Forest	Wildlife corridors	Participants will establish corridors with vegetation suited to the natural site conditions and appropriate for the kinds of wildlife present.
	ANM20		Pasture		Forest	Silvopasture for wildlife habitat	Manage silvopastures to promote plant diversity for wildlife habitat.
	ANM21	Crop	Pasture	Range		Prairie Restoration for Grazing and Wildlife Habitat	Restoration/renovation of prairie habitat by establishing native vegetation and managing the restored plant community.
	ANM22	Crop	Pasture	Range	Forest	Restoration and Management of Rare or Declining Habitats	Restoration of habitats recognized as rare or declining.
	ANM23	Crop	Pasture	Range		Multi-species Native Perennials for Biomass/Wildlife Habitat	Establishment of native perennial vegetation for biomass production and wildlife habitat.
	ANM24				Forest	Upland forest wildlife structures	Installation of structures for wildlife on forest land.
	ANM25		Pasture			Stockpiling forages to extend the grazing season	Management of grazing to allow some portions a pasture to go ungrazed in order to extend the grazing season and reduce the need for making hay.
	ANM26		Pasture	Range		Managing Calving to coincide with Forage Availability	Management of breeding so that calving occurs during time periods when grazing is available in order to reduce the need for hay and other supplementary feed.
	ANM27	Crop	Pasture	Range	Forest	Wildlife Friendly Fencing	Making livestock fencing friendly to wildlife, e.g. using tags to mark barbwire fence making them more visible to wildlife reducing injury and mortality to sage grouse, prairie-chicken and other susceptible birds
	ANM28	Crop	Pasture	Range	Forest	Aquatic Organism Passage Barrier Removal	Removal and/or replacement of in stream barriers to aquatic organism passage and replacement with approved structures to allow passage.
	ANM29		Pasture	Range	Forest	On-farm forage based grazing system	Promote the use of a on-farm forage based grazing system in which all forage is grown on the farm and harvested by livestock through grazing on pastures or feeding of hay harvested on the farm.
	ANM30		Pasture	Range	Forest	Ultra high density grazing system to improve soil quality	Managing pastures using a high density stocking rate to improve forage and soil quality. This requires a fast rotation (less than one day) with a majority of available forage harvested, the remainder would be left or incorporated by livestock tromping.
	ENR01	Crop				Fuel use reduction for field operations	Fuel savings of 20% or greater achieved by a reduction in field operations.
	ENR03	Crop	Pasture	Range		Pumping plant powered by renewable energy	Requires the use of renewable energy—solar or wind – to power pumping plants for irrigation, drainage, livestock, or wildlife.

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	ENR05	Crop	Pasture	Range	Forest	Locally grown and marketed farm products	At least 85% of the nutrients and /or feed needed for crops and/or livestock come from sources within 100 miles of the farm. Products from the farm are retail marketed within 400 miles of the farm.
	ENR06	Crop	Pasture	Range	Forest	Upgrade of Old Diesel Powered Pumping Plants	Upgrading of diesel powered pumping plants with more efficient and cleaner alternatives that closely fit irrigation or livestock water needs.
	ENR07	Crop	Pasture	Range	Forest	On-farm energy audit	Conducting energy audits to evaluate energy use in agricultural production systems and implementing recommendations with a 2 year or less payback. Implementation is required only for findings associated with CSP land uses.
	ENR08	Crop	Pasture			Using nitrogen provided by legumes, animal manure and compost to supply 100% of the nitrogen needs	Reduce energy usage by providing 100% of crop nitrogen needs through the use of legumes, on farm manure or compost and/or management of rotations.
	ENR09	Crop	Pasture	Range	Forest	Variable Frequency Drive Electric Motors	Reducing energy use by incorporating variable speed drives on electric motors for fans, pumps and other motors involved with agricultural production
	PLT01	Crop	Pasture	Range	Forest	Establish pollinator habitat	Establish nectar and pollen producing plants in non-cropped areas such as field borders, vegetative barriers, contour buffer strips, waterways, shelterbelts, windbreaks, conservation cover, and riparian forest and herbaceous buffers.
	PLT02		Pasture	Range	Forest	Monitor key grazing areas to improve grazing management	Monitor key grazing areas on pastureland and rangeland to determine if current grazing management meets management goals and objectives. A key grazing area is a small area of a pasture that is identified as being representative of the entire pasture.
	PLT03				Forest	Forest stand improvement pre-treating vegetation and fuels	Manage vegetation and fuels in a forested area with mechanical/manual methods to facilitate future treatment with prescribed fire to restore native forest condition.
	PLT04				Forest	Forest Stand Improvement, Prescribed burning	Prescribed use of fire in a forest to restore native forest conditions with a focus on improving the condition of fire-adapted plants and wildlife habitat and reducing the risk of damage from intense, severe wildfires.
	PLT05	Crop			Forest	Multi-story cropping, sustainable management of nontimber forest plants	Manipulation of forest species composition, structure, and canopy cover to achieve or maintain a desired native plant community to facilitate the sustainable management of native non-timber forest plant(s) (e.g., goldenseal, ramps, mushrooms, ginseng, ferns, "sugarbush", etc.).
	PLT06	Crop	Pasture			Renovation of a Windbreak, Shelter Belt or Hedgerow for Wildlife Habitat	Renovate a windbreak, shelter belt, or hedgerow to add diversity for wildlife habitat. Replace plants threatened by invasive pests such as the emerald ash borer.
	PLT07	Crop			Forest	Hardwood Crop Tree Release	Hardwood Crop Tree Release (CTR) in hardwood stands is a silvicultural technique used to enhance the performance of individual trees, while improving other objectives such as wildlife management, recreation, timber value, and aesthetics.
	PLT08	Crop				Habitat Development for Beneficial Insects for Pest Management	Establishment of habitat to attract and support populations of beneficial insects that provide natural suppress of undesirable insects or other pests. Beneficial insects used for pest management include insect arthropod, predators and parasitoids. Habitat requirements include shelter and food that attract and support beneficial insects. These can include trap crops and insectary strips (both permanent and annual.)
	PLT10		Pasture	Range		Intensive Management of Rotational Grazing	The intensive management of livestock and grazing forages to improve vegetation quality in the pasture and the health of livestock.

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	PLT11				Forest	Conifer Crop Tree Release	A silvicultural technique for western softwood forests used to enhance the performance of individual trees, while improving other objectives such as wildlife management, recreation, timber value, and aesthetics.
	PLT12				Forest	Patch harvesting to improve degraded hardwood stands	Patch Harvesting is a silvicultural practice used to naturally regenerate over-mature and/or degraded hardwood stands while providing added cover and browse for several game and non-game species of wildlife.
	PLT13				Forest	Forest Stand Improvement for Wildfire Reduction	Requiring landowners to approach wildfire management by establishing fire lines (where appropriate and applicable), fuel breaks (where appropriate and applicable), develop an approved fire plan which would include plan to maintain critical access roads, scouting, access control, identification of water sources, critical contacts, training and posting of plans and phone numbers.
	PLT14	Crop			Forest	Alley cropping establishment for wildlife and beneficial insect habitat	Planting trees or shrubs in alternating rows with row crops, forage or horticultural crops in areas between the rows, providing plant diversity, improve soil quality and wildlife habitat.
	SOE01	Crop				Continuous no till with high residue	Utilize continuous no-till/strip till/direct seed in the rotation in combination with high and low residue producing crops or cover crops to maintain a high level of residue cover through critical erosion periods.
	SOE02	Crop	Pasture	Range	Forest	Protection of Cultural Resource	Protect cultural resources by establishing conservation cover on culturally significant sites.
	SOE03	Crop				Continuous No Till Organic System	The use of continuous no-till, strip till or direct seeding method of planting throughout the planned rotation on an organic farm. High residue levels are maintained by including high residue-producing crops, or by low residue crops followed by a cover crop in the rotation. Termination of all cover crops is accomplished using non-chemical methods, such as flail mowing, roller crimper and frost kill. No herbicides are used for weed control.
	SQL01	Crop				Controlled traffic system	Confines heavy traffic from tractor drive wheels/tracks, combine wheels, fertilizer or manure spreaders and grain carts to specific lanes through crop fields year after year.
	SQL02	Crop				Continuous cover crops	Growing continuous seasonal cover crops of grasses, legumes or forbs following all annual crops during all the non-crop production periods of the rotation. Continuous cover cropping is applicable to conventional, specialty and organic crop production systems.
	SQL03	Crop				Drainage water management for nutrient, pathogen, or pesticide reduction	Managing soil and/or surface water levels during the off season to reduce nutrients, pathogens, or pesticides leaving the field through drainage systems and flowing into downstream receiving waters. This enhancement may also be utilized to reduce the oxidation of organic matter in the soil and/or reduce wind erosion or particulate matter (dust) emissions.
	SQL04	Crop				Use of Cover Crop Mixes	Use of cover crop mixes that contain two (2) or more different species of cover crops.
	SQL05	Crop				Use deep rooted crops to breakup soil compaction	Use deep rooted crops to break up pans in the soil to improve internal drainage.

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	SQL06	Crop				Conversion of cropped land to grass-based agriculture for biomass or forage production and wildlife habitat	Conversion of cropped land to grass-based agriculture for biomass or forage production and wildlife habitat supports establishment and management of a mixture of high biomass producing perennial species on cropland where annually-seeded cash crops have been grown in monocultures.
	SQL07	Crop			Forest	Forest Stand Improvement for Soil Quality	The management of the forest to improve the soil quality in the forest.
	SQL08	Crop				Intercropping to improve soil quality and increase biodiversity	Growing two or more compatible crops in close proximity to mimic natural ecosystem patterns in capturing the synergies of biodiversity.
	WQL01		Pasture	Range		Biological Suppression and Other Non-chemical Techniques to Manage Brush, weeds and Invasive Species	The reduction of invasive species and/or woody brush using physical and or biological control methods. Physical methods include pulling, hoeing, mowing, mulching or other similar methods. Biological methods include use of natural enemies either introduced or augmented. Use of chemicals is prohibited with this enhancement.
	WQL03		Pasture	Range	Forest	Rotation of supplement and feeding areas	Rotation of Supplementation and Feeding Areas to manage areas of concentrated livestock use to improve livestock distribution and reduce localized areas of disturbances.
	WQL04	Crop				Plant tissue tests and analysis to improve nitrogen management	Use plant tissue tests to adjust nitrogen application rates.
	WQL05	Crop				Apply nutrients no more than 30 days prior to planned planting date	Apply nutrients (fertilizer, manure, etc.) no more than 30 days prior to the planned planting date of the crop.
	WQL06	Crop	Pasture			Apply controlled release nitrogen fertilizer	At least 50% of the pre-emergent and early post emergent nitrogen fertilizer used for crop production must be slow-release or controlled release formulations.
	WQL07	Crop	Pasture			Split nitrogen applications 50% after the crops/pasture emerge/green up	Apply 50% or more of the total nitrogen needs after crop emergence.
	WQL08	Crop				Split applications of nitrogen based on a PSNT or other crop-based indicators	Use of a Pre-Sidedress Nitrogen Test (PSNT) to determine the need and/or rate of additional nitrogen to be applied during a sidedress application.
	WQL09	Crop				Apply phosphorus fertilizer below soil surface	Apply all Phosphorus fertilizer at least 3 inches deep and/or as a 2X2 row starter.
	WQL10	Crop				Plant a cover crop that will scavenge residual nitrogen	Plant a cover crop that will scavenge nitrogen left in the soil after the harvest of a previous crop.
	WQL11	Crop	Pasture			Precision application technology to apply nutrients	Use of precision agriculture technologies to apply nutrients to fit the variation in site-specific conditions found within fields.
	WQL12		Pasture	Range	Forest	Managing livestock access to water bodies/courses	Install structures or implement grazing management actions that assist in managing livestock access to water bodies and water courses.
	WQL13	Crop	Pasture	Range	Forest	High level Integrated Pest Management to reduce pesticide environmental risk	Utilize advanced Integrated Pest Management (IPM) prevention, avoidance, monitoring, and suppression techniques, and only apply the lowest risk pesticides available in an environmentally sound manner when monitoring indicates that an economic pest threshold has been exceeded. Pesticide applications must follow all label requirements.

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	WQL14	Crop	Pasture			Land Application of Treated Manure	Field apply only manure that has been treated to stabilize nutrients and reduce odors and pathogens. Acceptable treatment alternatives are composting, anaerobic digesters or storage in a composting barn.
	WQL15	Crop	Pasture			Reduce the concentration of nutrients on farm by limiting the amount of feed and fertilizer brought on livestock farms	Grow at least 75% of feed for livestock on the farm and use manure from the livestock to supply at least 50% of N, 90% of P and 90% K for crops grown on the farm.
	WQL16	Crop				Use of legume cover crops as a nitrogen source	Produce at least 70% of the operation's nitrogen needs through the use of cover crops or the utilization of manure.
	WQL17	Crop				Use of non-chemical methods to kill cover crops	Where cover crops are grown, eliminate herbicide use by using a roller crimper to kill the cover crop or use a cool season crop that will die back naturally as summer crops grow.
	WQL18		Pasture	Range	Forest	Non-Chemical Pest Management for Livestock	Non-chemical Livestock Pest Management addresses management of external pests and internal parasites of livestock without using chemical pesticides. Management techniques include grazing management, use of beneficial plants and other biological methods. Monitoring of both pest levels and effectiveness of management application is an integral part of this enhancement. All techniques also address the necessary basic considerations to reduce the life cycle opportunities of the target pest(s).
	WQL19		Pasture	Range	Forest	Transition to Organic Grazing Systems	Transition to Organic Grazing Systems supports the conversion of a conventional to an organic livestock grazing system.
	WQL20	Crop				Transition to Organic Cropping Systems	Transition to Organic Cropping Systems supports the conversion of a conventional to an organic cropping system. Key to the enhancement is the inclusion of management activities that improve soil and water quality in a "Organic System Plan" that adheres to the National Organic Program (NOP) 205.201 criteria.
	WQL21	Crop	Pasture	Range		Integrated Pest Management for Organic Farming.	Managing pests on an organic farm, including farms transitioning to organic, with a high level Integrated Pest Management (IPM) system that is based on an understanding of pest ecology. This system utilizes the IPM principles of prevention, avoidance, monitoring, and suppression, while excluding the use of synthetic pesticides.
	WQL22	Crop	Pasture			On Farm Composting of Farm Organic Waste	The composting of all organic waste produced on a farm such as manure, livestock mortality and crop residues removed from the field.
	WQL23		Pasture	Range		Protection of sensitive areas on winter grazing land	Grazing management activities that remove livestock from environmentally sensitive areas on winter pastures by providing shelter away from these areas.
	WQT01	Crop	Pasture			Irrigation system automation	Using GPS guided variable rate irrigation or other innovative technologies that allow irrigation water application based on variable site conditions within a field.
	WQT02	Crop				Mulching for moisture conservation	Using plastic or fiber mulch to reduce irrigation evaporation losses from bare soil surfaces.
	WQT03	Crop	Pasture			Irrigation pumping plant evaluation	Evaluate existing pumping plant and identify and implement maintenance items needed to improve efficiency.
	WQT04	Crop	Pasture			Regional weather networks for irrigation scheduling	Use data from a regional weather network to improve irrigation scheduling.

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	WQT05	Crop	Pasture			Remote monitoring and notification of irrigation pumping plant operation	A system for monitoring the status of an irrigation pumping plant and notifying the operator by a wireless connection of a change in the operation status of the irrigation system.
	WQT06	Crop	Pasture			Conversion to Non-Irrigated Crop Production	The conversion of land that has been irrigated 2 out of the last 5 years to crops or pasture production that does not require irrigation.
Conservation Bundles that interest you	NRCS Code	Eligible Land Use			Bundle Name		Bundle Criteria
	BCR01	Crop				Crop Technology Bundle #1	This bundle of enhancements consists of using precision techniques to apply nutrients and pesticides while widening buffers to protect non-cropped areas. Includes AIR04, AIR07, WQL11, WQL13 and one of the buffer widening enhancements.
	BCR02	Crop				Crop Technology Bundle #2	This bundle of enhancements includes activities to reduce inputs while improving the soil and water quality and benefiting pollinators or other beneficial insects. Includes ENR05, WQL16, SQL02, WQL13 and PLT01 or PLT08
	BCR03	Crop				Crop Technology Bundle #3	This bundle of enhancements includes activities to reduce inputs of energy, pesticides and nutrients while protecting non-cropped areas by widening buffers. Includes SOE01, WQL07, WQL10, WQL13 one of buffer widening enhancements.
	BCR04	Crop				Crop Technology Bundle #4	This enhancement consist of activities that address resource concerns in orchards and vineyards. Includes AIR03, AIR04, PLT01, SQL02 and WQL13.
	BCR05	Crop				Crop Technology Bundle #5	This enhancement consist of activities to improve wildlife habitat on cropland and adjacent areas. Includes ANM08, ANM12, SQL04, WQL13 or WQL21 and one of the four buffer enhancements.
	BFO01				Forest	SE Pine Forest Bundle # 1	This enhancement consists of treating SE pine forest with prescribed fire to improve wildlife habitat and forest production. Includes ANM15, PLT03, PLT04, ANM24 and ANM22.
	BFO02				Forest	Forest Bundle # 2	This enhancement includes activities to improve wildlife habitat on increase forest productivity. Includes ANM15, PLT07, ANM14, ANM24 and ANM22.
	BFO03				Forest	Forest Bundle # 3	This enhancement bundle consist of activities that reduce wildfire potential while improving wildlife habitat and soil quality. Includes ANM14, ANM15, PLT11, PLT13 and SQL07
	BFO04				Forest	Forest Bundle # 4	This enhancement bundle consist of activities that increases wildlife habitat (aquatic and terrestrial) while reducing wildfire potential and improve soil quality. Includes ANM11, ANM15, ANM24, PLT13 and SQL07
	BFO05				Forest	Forest Bundle # 5	This enhancement bundle consist of activities that increase diversity of non-timber plants while reducing wildfire risk, improving soil quality and reducing energy consumption. Includes ANM14, ENR05, PLT13, PLT05 and SQL07

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	BPA01		Pasture			Pasture Grazing Bundle # 1	This enhancement bundle consists of activities to improve the forage base while protecting water quality and protecting wildlife. Includes ANM03, WQL03, WQL12, ANM09 and PLT02.
	BPA02		Pasture			Pasture Grazing Bundle # 2	This enhancement bundle consist of activities that will improve wildlife habitat by reducing the impact of pasture management activities using IPM and non-chemical controls to control pest and diseases while improving vegetation beneficial to both livestock and wildlife. Includes ANM03, ANM06, ANM09, WQL01, and WQL18
	BPA03		Pasture			Pasture Grazing Bundle # 3	This enhancement bundle consist of activities that reduce energy use on pasture acres. Includes AIR07, ANM03, ENR03, ENR05 and WQL13.
	BPA04		Pasture			Pasture Grazing Bundle # 4	This enhancement bundle consists of activities to improve forage utilization for a longer period of the growing season while saving energy, protecting water quality and improving soil. Includes ANM25, ANM26, PLT10, WQL03 and WQL15
	BPA05		Pasture			Pasture Grazing Bundle # 5	This enhancement bundle consist of activities that address all aspects of pasture management pest, nutrient and improve forage quality while improving wildlife access to water. Includes AIR04, ANM03, ANM18, PLT02, and WQL07
	BRA01			Range		Range Grazing Bundle # 1	This enhancement bundle consists of activities to improve range management while protecting water quality and protecting wildlife. Includes PLT02, WQL12, ANM18 or ANM11, ANM09, and WQL03.
	BRA02			Range		Range Grazing Bundle # 2	This enhancement bundle consist of activities that increase wildlife habitat and water quality. Includes ANM19, PLT02, WQL12, ANM05 or ANM06 and ANM13 or ANM14
	BRA03			Range		Range Grazing Bundle # 3	This enhancement bundle consist of activities that aid in the restoration of plant communities, increase wildlife habitat and monitor the impact of grazing. Includes ANM09, ANM11, ANM21, ANM22 and PLT02
	BRA04			Range		Range Grazing Bundle # 4	This enhanement consist of activities that focus on improving habitat by reducing wildlife mortality range plant communities, while saving energy. Includes ANM18, ANM27, ENR03, PLT02, and WQL01
	BRA05			Range		Range Grazing Bundle # 5	This enhancement consist of activities that address multiple resource concerns on rangeland, e.g. forage quality, control of undesirable plants and improved wildlife habitat. Includes ANM09, ANM26, WQL01, WQL03 and WQL13
Supplemental Payment Activity	NRCS Code	Eligible Land Use				Supplemental Payment Activity	Activity Criteria
	CCR99	Crop				Resource-Conserving Crop Rotation	The rotation shall cover at least 3 years of the CSP contract. The rotation is considered adopted when the resource conserving crop is planted on at least 1/3 of the rotation acres. The resource conserving crop must be adopted by the third year of the contract and planted on all rotation acres by the fifth year of the contract.

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Special Projects	NRCS Code	Eligible Land Use				Special Project Activity	Special Project Criteria
	FRD01	Crop	Pasture	Range	Forest	On Farm Research and Demonstration	On farm research and demonstration consists of the implementation of applied research projects on working farms to gather information and demonstrate the efficacy of the activity. The projects must fit within identified state priority topic areas.
	FPP02	Crop	Pasture	Range	Forest	On Farm Pilot Project	On farm pilots consist of the installation, monitoring and publicizing of projects that fit within the identified state priority areas. Pilots should be practices, components, or management techniques that have shown environmental benefits through research but are not used by farmers in the project area. Practices, components, or management techniques must be implemented, monitored and publicized according protocols developed specifically for the project.
Conservation practices that interest you	Code	Eligible Land Use				Practice Name	Practice Definition
	314	Crop	Pasture	Range	Forest	Brush Management	Removal, reduction or manipulation of non-herbaceous plants on rangeland, native or naturalized pasture, pasture, hayland and forest lands where removal or reduction of excessive woody (non-herbaceous) plants is desired.
	328	Crop				Conservation Crop Rotation	Growing crops in a recurring sequence on the same field to control erosion, improve soil organic matter, balance nutrients, improve water use efficiency, manage saline seeps, manage pests and/or provide food and cover for wildlife
	329	Crop				Residue and Tillage Management, No-Till/Strip Till/Direct Seed	Managing the amount, orientation and distribution of crop and other plant residue on the soil surface year round while limiting soil-disturbing activities to only those necessary to place nutrients, condition residue and plant crops.
	338		Pasture	Range	Forest	Prescribed Burning	Controlled fire applied to a predetermined areas to maintain or enhance fire dependent ecologies.
	340	Crop				Cover Crop	The planting of crops such as grasses, legumes and forbs to provide seasonal cover that will reduce erosion, improve soil organic matter, promote efficient nutrient cycling, fix nitrogen in the soil, suppress weeds, increase biodiversity and/or provide food and cover for wildlife.
	342	Crop	Pasture	Range	Forest	Critical Area Planting	Establishment of permanent vegetation on sites that have or are expected to have high erosion rates, and on sites that have physical, chemical or biological conditions that prevent the establishment of vegetation with normal practices.
	344	Crop				Residue Management, Seasonal	Managing the amount, orientation, and distribution of crop and other plant residues on the soil surface during a specified period of the year, while planting annual crops on a clean-tilled seedbed, or when growing biennial or perennial seed crops.
	345	Crop				Residue and Tillage Management, Mulch Till	Managing the amount, orientation and distribution of crop and other plant residue on the soil surface year round while limiting the soil-disturbing activities used to grow crops in systems where the entire field surface is tilled prior to planting.
	346	Crop				Residue and Tillage Management, Ridge Till	Managing the amount, orientation, and distribution of crop and other plant residues on the soil surface year-round, while growing crops on pre-formed ridges alternated with furrows protected by crop residue.

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	380	Crop	Pasture	Range		Windbreak/Shelterbelt Establishment	Windbreaks or shelterbelts are single or multiple rows of trees or shrubs in linear configurations to reduce surface wind speeds in order to control wind erosion, manage snow deposition, reduce the spread of odors, reduce pesticide spray drift and/or provide wildlife food and cover.
	383		Pasture	Range	Forest	Fuelbreak	A strip or block of land on which the vegetation, debris and detritus have been reduced and/or modified to control or diminish the risk of the spread of fire crossing the strip or block of land.
	384				Forest	Forest Slash Treatment	Treating woody plant residues created during forestry, agroforestry and horticultural activities to reduce fire hazards, insect infestations and/or improve the site for natural regeneration.
	386	Crop				Field Border	A strip of permanent vegetation established at the edge or around the perimeter of a field to provide a buffer between cropland and non-cropped areas to reduce cropland impacts and provide wildlife food and cover.
	390	Crop	Pasture	Range		Riparian Herbaceous Cover	Grasses, grass-like plants and forbs that are tolerant of intermittent flooding or saturated soils and that are established or managed in the transitional zone between terrestrial and aquatic habitats to provide a buffer between agricultural areas and riparian areas and to enhance riparian zone functions.
	391	Crop	Pasture			Riparian Forest Buffer	An area predominantly trees and/or shrubs that are tolerant of intermittent flooding or saturated soils and that are established or managed in the transitional zone between terrestrial and aquatic habitats to provide a buffer between agricultural areas and riparian areas and to enhance riparian zone functions.
	393	Crop				Filter Strip	A strip or area of herbaceous vegetation established on cropland that removes contaminants from overland flow.
	394		Pasture	Range	Forest	Firebreak	A permanent or temporary strip of bare or vegetated land established to retard the movement of fire.
	395	Crop	Pasture	Range	Forest	Stream Habitat Improve/Mgmt	Maintain, improve or restore physical, chemical and biological functions of a stream, and its associated riparian zone, necessary for meeting the life history requirements of desired aquatic species.
	449	Crop	Pasture			Irrigation Water Management	The process of determining and controlling the volume, frequency and application rate of irrigation water in a planned, efficient manner.
	511	Crop	Pasture			Forage Harvest Management	The timely cutting and removal of forages from the field as hay, green-chop or ensilage.
	512	Crop	Pasture			Pasture and Hay Planting	Establishing native or introduced forage species.
	528		Pasture	Range	Forest	Prescribed Grazing	Managing the harvest of vegetation with grazing and/or browsing animals in order to enhance or maintain good forage production and provide wildlife food and cover.
	550			Range		Range Planting	Establishment of adapted perennial vegetation such as grasses, forbs, legumes, shrubs and trees in order to establish a function range ecology.
	612	Crop			Forest	Tree/Shrub Establishment	Establishing woody plants by planting seedlings or cuttings, direct seeding, or natural regeneration.

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	643	Crop	Pasture	Range	Forest	Restoration and Management of Rare and Declining Habitats	Restoring and managing rare and declining habitats and their associated wildlife species to conserve biodiversity.
	644	Crop	Pasture	Range	Forest	Wetland Wildlife Habitat Management	Retaining, developing or managing wetland habitat for wetland wildlife.
	645	Crop	Pasture	Range	Forest	Upland Wildlife Habitat Management	Provide and manage upland habitats and connectivity within the landscape for wildlife.
	647	Crop	Pasture	Range	Forest	Early Successional Habitat Development/Management	Manage early plant succession to benefit desired wildlife or natural communities by increasing plant community diversity.
	650	Crop	Pasture	Range		Windbreak/Shelterbelt Renovation	Replacing, releasing and/or removing selected trees and shrubs or rows within an existing windbreak or shelterbelt, adding rows to the windbreak or shelterbelt or removing selected tree and shrub branches.
	654	Crop			Forest	Road/Trail/Landing Closure and Treatment	The closure, decommissioning, or abandonment of roads, trails, and/or landings and associated treatment to enhance forest functions.
	655	Crop			Forest	Forest Trails & Landings	A temporary or infrequently used route, path or cleared area within a forest established to provide access to the forest while limiting damage to the forest.
	660	Crop			Forest	Tree/Shrub Pruning	The removal of all or part of selected branches, leaders or roots from trees and shrubs to improve forest health and functions.
	666	Crop			Forest	Forest Stand Improvement	The manipulation of species composition, stand structure and stocking by cutting or killing selected trees and understory vegetation to enhance forest health and functions.
For more information to each enhancement visit our website at http://www.nrcs.usda.gov/programs or contact your local NRCS office.							