

## Conservation Stewardship Program Enhancements, Bundles, and Practices

Applicable to the pasture land use.

**Pasture:** Land composed of introduced or domesticated native forage species that is used primarily for the production of livestock. Pastures receive periodic renovation and cultural treatments, such as tillage, fertilization, mowing, weed control, and may be irrigated. Pastures are not in rotation with crops.

See the [Montana CSP webpage](#) for more information.

### **Enhancements**

- [Advanced Grazing Management](#) (PDF; 440.9 KB)
- [Brush management to improve wildlife habitat \(E314A with Montana Supplement\)](#) (163.7 KB)
- [Herbaceous weed treatment to create desired plant communities consistent with ecological site \(E315A with Montana Supplement\)](#) (414.84 KB)
- [Use of multi-species cover crop to improve soil health \(E340C with Montana Supplement\)](#) (271 KB)
- [Use of soil health assessment to assist with development of cover crop mix \(E340E with Montana Supplement\)](#) (401.98 KB)
- [E372A Switch to Renewable Power Source](#) (247.58 KB)
- [E372B Renewable energy source for large internal combustion engines](#) (248.04 KB)
- [Silvopasture to improve wildlife habitat \(E381A with MT supplement\)](#) (252.28 KB)
- [Incorporating wildlife-friendly fencing for connectivity of wildlife food resources \(E382A with MT supplement\)](#) (309.76 KB)
- [Installing electrical fence offsets and wire for cross-fencing to improve grazing management \(E382B\)](#) (204.39 KB)
- [Increase Riparian Herbaceous Cover Width to Enhance Wildlife Habitat \(E390B with Montana Supplement\)](#) (308.26 KB)
- [Increase stream shading for stream temperature reduction \(E391B with MT supplement\)](#) (190.54 KB)
- [Increase riparian forest buffer width to enhance wildlife habitat \(E391C with Montana Supplement\)](#) (355.29 KB)
- [Complete pumping plant evaluation for water savings \(E449A with Montana Supplement\)](#) (311.17 KB)



- [Advanced Automated IWM – Year 2-5, soil moisture monitoring \(E449C with Montana Supplement\)](#) (260.29 KB)
- [Advanced Automated IWM – Year 1, Equipment and soil moisture monitoring \(E449D with Montana Supplement\)](#) (235.28 KB)
- [Intermediate IWM— Year 1, Equipment with Soil moisture monitoring \(E449F with Montana Supplement\)](#) (309.28 KB)
- [Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water \(E472A\)](#) (184.16 KB)
- [Harvest of crops \(hay or small grains\) using measures that allow desired species to flush or escape \(E511A with MT supplement\)](#) (280.96 KB)
- [Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity \(E511B with MT supplement\)](#) (439.77 KB)
- [Forage testing for improved harvesting methods and hay quality \(E511C with Montana Supplement\)](#) (317.82 KB)
- [Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health \(E512B\)](#) (376.73 KB)
- [Forage plantings that help increase organic matter in depleted soils \(E512D\)](#) (374.56 KB)
- [Establish pollinator and/or beneficial insect and/or Monarch habitat \(E512I with Montana supplement\)](#) (602.25 KB)
- [Establish wildlife corridors to provide habitat continuity or access to water \(E512J\)](#) (360.08 KB)
- [Diversifying forage base with interseeding forbs and legumes to increase pasture quality \(E512L with MT supplement\)](#) (302.58 KB)
- [Forage plantings that improve wildlife habitat cover and shelter or structure and composition \(E512M with MT supplement\)](#) (290.34 KB)
- [Maintaining quantity and quality of forage for animal health and productivity \(E528A with Montana supplement\)](#) (250.08 KB)
- [Incorporating wildlife refuge areas in contingency plans for wildlife \(E528C\)](#) (241.76 KB)
- [Grazing management for improving quantity and quality of food or cover and shelter for wildlife \(E528D\)](#) (188.76 KB)
- [Improved grazing management for enhanced plant structure and composition for wildlife \(E528E with Montana Supplement\)](#) (381.37 KB)
- [Stockpiling cool season forage to improve structure and composition \(E528F with Montana Supplement\)](#) (242.9 KB)



- [Improved grazing management on pasture for plant productivity and health with monitoring activities \(E528G Montana supplement\)](#) (304.23 KB)
- [Prescribed grazing to improve/maintain riparian and watershed function \(E528H with MT supplement\)](#) (384.91 KB)
- [Grazing management that protects sensitive areas-surface or ground water from nutrients \(E528I\)](#) (185.26 KB)
- [Prescribed grazing on pastureland that improves riparian and watershed function \(E528J\)](#) (184.8 KB)
- [Prescribed grazing that improves or maintains riparian and watershed function-erosion \(E528L\)](#) (183.28 KB)
- [Grazing management that protects sensitive areas from gully erosion \(E528M\)](#) (183.41 KB)
- [Clipping mature forages to set back vegetative growth for improved forage quality \(E528O with MT supplement\)](#) (164.17 KB)
- [Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in water \(E528P with Montana Supplement\)](#) (306.45 KB)
- [Use of body condition scoring for livestock on a monthly basis to keep track of herd health \(E528Q with Montana Supplement\)](#) (266.51 KB)
- [Management Intensive Rotational Grazing \(E528R with Montana Supplement\)](#) (235.12 KB)
- [Soil Health Improvements on Pasture \(E528S\)](#) (369.98 KB)
- [Advanced Pumping Plant Automation \(E533A\)](#) (228.19 KB)
- [Complete pumping plant evaluation for energy savings \(E533B\)](#) (338.31 KB)
- [Install variable frequency drive\(s\) on pump\(s\) \(E533C\)](#) (372.21 KB)
- [Switch fuel source for pumps \(E533D\)](#) (366.05 KB)
- [Stream crossing elimination \(E578A\)](#) (264.55 KB)
- [Stream corridor bank stability improvement \(E580A\)](#) (286.88 KB)
- [Stream corridor bank vegetation improvement \(E580B\)](#) (286.7 KB)
- (209.24 KB)
- [Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture \(E590C\)](#) (356.57 KB)
- [Reduce risk of pesticides in surface water and air by utilizing IPM PAMS techniques \(E595B with Montana supplement\)](#) (342.04 KB)
- [Eliminate the use of chemical treatments to control pests and to increase the presence of dung beetles \(E595E w/ MT supplement\)](#) (232.65 KB)
- [Improving soil organism habitat on agricultural land \(E595F\)](#) (241.43 KB)



- [Adding food-producing trees/shrubs to an agroforestry system \(E612D with MT supplement\) \(227.82 KB\)](#)
- [Adding telemetry to a watering facility to monitor water levels remotely \(E614A\) \(222.08 KB\)](#)
- [Low-tech process-based restoration to enhance floodplain connectivity \(E643D with Montana Supplement\) \(713.5 KB\)](#)
- [Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat \(E645A with Montana Supplement\) \(284.1 KB\)](#)
- [Manage existing shrub thickets to provide adequate shelter for wildlife \(E645B\) \(190.66 KB\)](#)
- [Edge feathering for wildlife cover \(E645C\) \(184.89 KB\)](#)
- [Enhanced Wildlife Habitat Management for Upland Landscapes \(E645D with Montana Supplement\) \(351.95 KB\)](#)

## **Bundles**

These bundles are applicable to the pasture land use.

- [Grazing Bundle #1 – Range and Pasture \(B000GRZ1\) \(600.19 KB\)](#)
- [Grazing Bundle #2 – Range and Pasture \(B000GRZ2\) \(387.39 KB\)](#)
- [Grazing Bundle #3 – Range and Pasture \(B000GRZ3\) \(495.94 KB\)](#)
- [Grazing Bundle #4 – Range and Pasture \(B000GRZ4\) \(336.56 KB\)](#)
- [Grazing Bundle #5 – Range and Pasture \(B000GRZ5\) \(499.26 KB\)](#)
- [Pasture Bundle #5 – Pasture \(B000PST5\) \(362.3 KB\)](#)
- [Pasture Bundle 6 – Pasture \(B000PSTX\) \(415.34 KB\)](#)

## **Practices**

Not all conservation practices are used for the Conservation Stewardship Program (CSP) in Montana. Available practices are listed here.

These practices are applicable to the pasture land use.

- [314 Brush Management](#)
- [315 Herbaceous Weed Control](#)
- [319 On-Farm Secondary Containment Facility](#)
- [338 Prescribed Burning](#)
- [340 Cover Crop](#)
- [342 Critical Area Planting](#)
- [372 Combustion System Improvement](#)



## Natural Resources Conservation Service

U.S. DEPARTMENT OF AGRICULTURE

- [374 Farmstead Energy Improvement](#)
- [378 Pond](#)
- [380 Windbreak/Shelterbelt Establishment](#)
- [381 Silvopasture Establishment](#)
- [382 Fence](#)
- [383 Fuel break](#)
- [390 Riparian Herbaceous Cover](#)
- [391 Riparian Forest Buffer](#)
- [394 Firebreak](#)
- [395 Stream Habitat Improvement and Management](#)
- [410 Grade Stabilization Structure](#)
- [412 Grassed Waterway](#)
- [420 Wildlife Habitat Planting](#)
- [430 Irrigation Pipeline](#)
- [442 Sprinkler system](#)
- [443 Irrigation System, Surface and Subsurface](#)
- [449 Irrigation Water Management](#)
- [472 Access Control](#)
- [484 Mulching](#)
- [490 Tree/Shrub Site Preparation](#)
- [511 Forage Harvest Management](#)
- [512 Pasture and Hay Planting](#)
- [516 Livestock Pipeline](#)
- [528 Prescribed Grazing](#)
- [533 Pumping Plant](#)
- [561 Heavy Use Area Protection](#)
- [570 Stormwater Runoff Control](#)
- [574 Spring Development](#)
- [576 Livestock Shelter Structure](#)
- [578 Stream Crossing](#)
- [580 Streambank and Shoreline Protection](#)
- [590 Nutrient Management](#)
- [595 Integrated Pest Management](#)
- [606 Subsurface Drain](#)
- [610 Salinity and Sodic Soil Management](#)
- [612 Tree/Shrub Establishment](#)



## Natural Resources Conservation Service

U.S. DEPARTMENT OF AGRICULTURE

- [614 Watering Facility](#)
- [620 Underground Outlet](#)
- [644 Wetland Wildlife Habitat Management](#)
- [645 Upland Wildlife Habitat Management](#)
- [646 Shallow Water Development and Management](#)
- [647 Early Successional Habitat Development/Management](#)
- [649 Structures for Wildlife](#)
- [650 Windbreak/Shelterbelt Renovation](#)
- [660 Tree/Shrub Pruning](#)