



Conservation Stewardship Program Enhancements, Bundles, and Practices

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)
- [Establish Monarch butterfly habitat \(E327B with Montana supplement\)](#) (231.78 KB)
- [Wildlife habitat for nesting and brooding on non-cropped areas \(E327C\)](#) (212.46 KB)
- [Conservation Practice 328: Conservation Crop Rotation April 2021](#) (222.7 KB)
- [Conservation Practice 328: Conservation Crop Rotation July 2019](#) (258.8 KB)
- [Conservation crop rotation on recently converted CRP grass/legume cover \(E328C\)](#) (242.42 KB)
- [Leave standing grain crops unharvested to benefit wildlife \(E328D with Montana Supplement\)](#) (277.63 KB)
- [Soil health crop rotation \(E328E with MT supplement\)](#) (241.93 KB)
- [Modifications to improve soil health and increase soil organic matter \(E328F\)](#) (251.09 KB)
- [Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement \(E328G with MT supplement\)](#) (238.67 KB)
- [Conservation crop rotation to reduce the concentration of salts \(E328H\)](#) (184.26 KB)
- [Improved crop rotation to provide benefits to pollinators \(E328J with MT supplement\)](#) (225.53 KB)
- [Multiple crop types to benefit wildlife \(E328K with MT supplement\)](#) (271.76 KB)
- [Leaving tall crop residue for wildlife \(E328L with MT supplement\)](#) (220.33 KB)
- [Diversify crop rotation with canola or sunflower to provide benefits to pollinators \(E328M with MT supplement\)](#) (405.05 KB)
- [Perennial grain crop conservation rotation \(E328O with MT supplement\)](#) (173.04 KB)
- [Low Nitrogen Requirement Annual Crop Rotation \(E328P\)](#) (661.5 KB)
- [No till to reduce soil erosion \(E329A\)](#) (187.82 KB)
- [No till to reduce tillage induced particulate matter \(E329B\)](#) (187.38 KB)
- [No till to increase plant-available moisture \(E329C\)](#) (187.01 KB)



- [No till system to increase soil health and soil organic matter content \(E329D\)](#) (188.26 KB)
- [No till to reduce energy \(E329E\)](#) (214.18 KB)
- [No-till into green cover crops to improve soil organic matter \(E329F with Montana Supplement\)](#) (260.33 KB)
- [Short-interval burns to promote a healthy herbaceous plant community \(E338B\)](#) (685.33 KB)
- [Sequential patch burning \(E338C\)](#) (187.26 KB)
- [Cover crop to reduce soil erosion \(E340A with MT supplement\)](#) (265.85 KB)
- [Intensive cover cropping to increase soil health and soil organic matter content \(E340B with MT supplement\)](#) (279.95 KB)
- [Use of multi-species cover crop to improve soil health \(E340C with Montana Supplement\)](#) (271 KB)
- [Intensive orchard/vineyard floor cover cropping to increase soil health \(E340D with MT supplement\)](#) (263.57 KB)
- [Use of soil health assessment to assist with development of cover crop mix \(E340E with Montana Supplement\)](#) (401.98 KB)
- [Cover crop to minimize soil compaction \(E340F with MT supplement\)](#) (225.85 KB)
- [Cover crop to reduce water quality degradation by utilizing excess soil nutrients \(E340G with MT supplement\)](#) (225.66 KB)
- [Cover crops to suppress excessive weed pressures and break pest cycles \(E340H with MT supplement\)](#) (191.43 KB)
- [Using cover crops for biological strip till \(E340I with MT supplement\)](#) (215.52 KB)
- [Cover crop to improve moisture use efficiency and reduce salts \(E340J with Montana Supplement\)](#) (305.82 KB)
- [Reduced tillage to reduce soil erosion \(E345A\)](#) (188.61 KB)
- [Reduced tillage to reduce tillage induced particulate matter \(E345B\)](#) (185.68 KB)
- [Reduced tillage to increase plant-available moisture \(E345C\)](#) (188.78 KB)
- [Reduced tillage to increase soil health and soil organic matter content \(E345D\)](#) (189.29 KB)
- [Reduced tillage to reduce energy use \(E345E\)](#) (215.87 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)
- [Biochar production from woody residue \(E384A\)](#) (188.31 KB)
- [Enhanced field borders to reduce soil erosion along the edge\(s\) of a field \(E386A\)](#) (197.65 KB)
- [Enhanced field borders to increase carbon storage along the edge\(s\) of a field \(E386B\)](#) (195.7 KB)
- [Enhanced field borders to decrease particulate emissions along the edge\(s\) of a field \(E386C\)](#) (195.41 KB)
- [Enhanced field borders to increase food for pollinators along the edge\(s\) of a field \(E386D\)](#) (196.31 KB)
- [Enhanced field borders to increase wildlife food and habitat along the edge\(s\) of a field \(E386E\)](#) (265.56 KB)
- [Increase riparian herbaceous cover width for sediment and nutrient reduction \(E390A with Montana Supplement\)](#) (283.21 KB)
- [Increase Riparian Herbaceous Cover Width to Enhance Wildlife Habitat \(E390B with Montana Supplement\)](#) (308.26 KB)
- [Increase riparian forest buffer width for sediment and nutrient reduction \(E391A with MT supplement\)](#) (226.45 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)
- [Extend existing filter strip to reduce water quality impacts \(E393A\)](#) (220.12 KB)
- [Enhance a grassed waterway \(E412A with MT supplement\)](#) (265.77 KB)
- [Establish pollinator habitat \(E420A with Montana Supplement\)](#) (668.98 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)
- [Intermediate IWM—Years 2-5, using soil moisture or water level monitoring \(E449H with Montana supplement\)](#) (664.43 KB)



- [IWM - Year 1, Retrofit Equipment with Speed Control on Sprinkler Irrigation System \(E449I with Montana Supplement\)](#) (372.58 KB)
- [Intermediate IWM – 20 Percent Reduced Water usage \(E449J with Montana Supplement\)](#) (325.39 KB)
- [Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water \(E472A\)](#) (184.16 KB)
- [Mulching to improve soil health \(E484A with MT supplement\)](#) (269.23 KB)
- [Reduce particulate matter emissions by using orchard or vineyard generated woody material as mulch \(E484B\)](#) (178.44 KB)
- [Mulching with natural materials in specialty crops for weed control \(E484C\)](#) (188.14 KB)
- [E484D Lowbush blueberry mulching for moisture management](#) (249.94 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 harvest management to improve terrestrial habitat for wildlife and invertebrates \(E511D with MT supplement\)](#) (228.69 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)
- [Improved grazing management through monitoring activities \(E528N with Montana supplement\)](#) (283.56 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)
- [Grazing to Reduce Wildfire Risks on Forests \(E528T\)](#) (276.94 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)
- [Range planting for increasing/maintaining organic matter \(E550A\)](#) (385.75 KB)
- [Range planting for improving forage, browse, or cover for wildlife \(E550B\)](#) (261.94 KB)
- [Enhanced Rain Gardens for Wildlife \(E570A\)](#) (293.22 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)
- [Improving nutrient uptake efficiency and reducing risk of nutrient losses \(E590A with Montana Supplement\)](#) (284.68 KB)
- [Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies \(E590B with MT supplement\)](#) (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 by utilizing precision pesticide application \(E595A with Montana Supplement\)](#) (336.44 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)
- [Reduce resistance risk by utilizing PAMS techniques \(E595G with Montana Supplement\)](#) (317.08 KB)
- [Planting for carbon sequestration and storage \(E612B with Montana supplement\)](#) (580.03 KB)
- [Establishing tree/shrub species to restore native plant communities \(E612C with Montana supplement\)](#) (285.76 KB)
- [Adding food-producing trees/shrubs to an agroforestry system \(E612D with MT supplement\)](#) (227.82 KB)
- [Cultural plantings \(E612E with Montana Supplement\)](#) (294.2 KB)
- [Tree/shrub planting for wildlife habitat \(E612G with Montana supplement\)](#) (311.57 KB)
- [Adding telemetry to a watering facility to monitor water levels remotely \(E614A\)](#) (222.08 KB)
- [Restoration and Management of Declining Habitat \(E643B with MT supplement\)](#) (226.76 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)
- [Maintaining and improving forest soil quality. \(E666A\)](#) (265.04 KB)
- [Forest management to enhance understory vegetation \(E666D\)](#) (193.45 KB)
- [Reduce height of the forest understory to limit wildfire risk \(E666E\)](#) (238.42 KB)
- [Reduce forest stand density to create open stand structure \(E666F\)](#) (184.04 KB)
- [Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat \(E666G with MT supplement\)](#) (284.84 KB)
- [Increase on-site carbon storage \(E666H\)](#) (361.77 KB)
- [Creating structural diversity with patch openings \(E666K with Montana Supplement\)](#) (268.38 KB)
- [Snags, den trees, and coarse woody debris for wildlife habitat \(E666O with Montana supplement\)](#) (304.84 KB)
- [Summer roosting habitat for native forest-dwelling bat species \(E666P with Montana Supplement\)](#) (294.5 KB)

Bundles

These bundles are applicable to all land uses.

- [B000BFF1 - Buffer Bundle #1](#) (626.59 KB)
- [B000CPL10 - YEAR 1 Irrigated Cropland \(MRBI/Ogallala\)](#) (965.6 KB)
- [B000CPL11 - YEAR 2+ Irrigated Cropland \(MRBI/Ogallala\)](#) (736.95 KB)
- [B000CPL12 - Non-Irrigated Precision Ag \(MRBI\)](#) (1.13 MB)
- [B000CPL13 - Non-Irrigated Cropland \(MRBI\)](#) (681.52 KB)
- [B000CPL14 - YEAR 1 Irrigated Precision Ag Cropland \(MRBI\)](#) (489.49 KB)
- [B000CPL15 - YEAR 2+ Irrigated Precision Ag Cropland \(MRBI\)](#) (720.26 KB)
- [B000CPL16 - Non-Irrigated Cropland with Water Bodies \(MRBI\)](#) (873.57 KB)
- [B000CPL17 - Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer \(MRBI\)](#) (823.07 KB)
- [B000CPL18-September-2023](#) (576.67 KB)
- [B000CPL19 - Crop Bundle #19 - Soil Health Precision Ag](#) (820.83 KB)
- [B000CPL20 - Crop Bundle #20 - Soil Health Assessment](#) (689.79 KB)
- [B000CPL21_September_2023.pdf](#) (559.51 KB)
- [B000CPL22 - Crop Bundle #22 - Erosion Bundle \(Organic\)](#) (689.35 KB)
- [B000CPL23_September_2023](#) (581.59 KB)
- [B000CPL24_September_2023](#) (508.01 KB)



- [B000CPL25 September 2023](#) (341 KB)
- [Forest Bundle #2 – Post-fire Management \(B000FST2\)](#) (341.7 KB)
- [B000FST5 June 2023](#) (273.13 KB)
- [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)
- [Longleaf Pine Bundle #1 \(B000LLP1\)](#) (297.9 KB)
- [Longleaf Pine Bundle #2 \(B000LLP2\)](#) (330.45 KB)
- [Longleaf Pine Bundle #4 \(B000LLP4\)](#) (425.21 KB)
- [Pasture Bundle #5 – Pasture \(B000PST5\)](#) (362.3 KB)
- [Pasture Bundle 6 – Pasture \(B000PSTX\)](#) (415.34 KB)
- [Range Bundle #4 – Range \(B000RNG4\)](#) (363.65 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 all land uses.

- [311 Alley Cropping](#)
- [314 Brush Management](#)
- [315 Herbaceous Weed Control](#)
- [319 On-Farm Secondary Containment Facility](#)
- [327 Conservation Cover](#)
- [328 Conservation Crop Rotation](#)
- [329 Residue and Tillage Management, No Till](#)
- [338 Prescribed Burning](#)
- [340 Cover Crop](#)
- [342 Critical Area Planting](#)
- [345 Residue and Tillage management, Reduced till](#)
- [348 Dam, Diversion](#)
- [372 Combustion System Improvement](#)
- [374 Farmstead Energy Improvement](#)
- [378 Pond](#)
- [380 Windbreak/Shelterbelt Establishment](#)



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- [381 Silvopasture Establishment](#)
- [382 Fence](#)
- [383 Fuel break](#)
- [384 Woody Residue Treatment](#)
- [386 Field Border](#)
- [390 Riparian Herbaceous Cover](#)
- [391 Riparian Forest Buffer](#)
- [393 Filter Strip](#)
- [394 Firebreak](#)
- [395 Stream Habitat Improvement and Management](#)
- [396 Aquatic Organism Passage](#)
- [410 Grade Stabilization Structure](#)
- [412 Grassed Waterway](#)
- [420 Wildlife Habitat Planting](#)
- [422 Hedgerow](#)
- [430 Irrigation Pipeline](#)
- [441 Irrigation System, Microirrigation](#)
- [442 Sprinkler system](#)
- [443 Irrigation System, Surface and Subsurface](#)
- [449 Irrigation Water Management](#)
- [462 Precision Land Forming](#)
- [464 Irrigation Land Leveling](#)
- [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](#)
- [550 Range Planting](#)
- [558 Roof Runoff Structure](#)
- [561 Heavy Use Area Protection](#)
- [570 Stormwater Runoff Control](#)
- [574 Spring Development](#)
- [576 Livestock Shelter Structure](#)



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- [578 Stream Crossing](#)
- [580 Streambank and Shoreline Protection](#)
- [587 Structure for Water Control](#)
- [590 Nutrient Management](#)
- [595 Integrated Pest Management](#)
- [606 Subsurface Drain](#)
- [610 Salinity and Sodic Soil Management](#)
- [612 Tree/Shrub Establishment](#)
- [614 Watering Facility](#)
- [620 Underground Outlet](#)
- [643 Restoration and Management of Rare and Declining Habitats](#)
- [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](#)
- [655 Forest Trails and Landings](#)
- [660 Tree/Shrub Pruning](#)
- [666 Forest Stand Improvement](#)