

Conservation Stewardship Program Enhancements, Bundles, and Practices

Applicable to the perennial crop land use.

Perennial Crop: Land used primarily for the production and harvest of perennial field, forage, food, fiber, horticultural, orchard, vineyard, or energy crops.

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

Enhancements

- [Establish Monarch butterfly habitat \(E327B with Montana supplement\)](#) (231.78 KB)
- [No-till into green cover crops to improve soil organic matter \(E329F with Montana Supplement\)](#) (260.33 KB)
- [Cover crop to reduce soil erosion \(E340A with MT supplement\)](#) (265.85 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)
- [E372A Switch to Renewable Power Source](#) (247.58 KB)
- [E372B Renewable energy source for large internal combustion engines](#) (248.04 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)
- [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 plantings that help increase organic matter in depleted soils \(E512D\)](#) (374.56 KB)
- [Stockpiling cool season forage to improve structure and composition \(E528F with Montana Supplement\)](#) (242.9 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)
- [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)
- [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)
- [Reduce resistance risk by utilizing PAMS techniques \(E595G with Montana Supplement\)](#) (317.08 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)
- [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)



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- [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 perennial crop land use.

- [B0000BFF1 - Buffer Bundle #1](#) (626.59 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 perennial crop land use.

- [311 Alley Cropping](#)
- [319 On-Farm Secondary Containment Facility](#)
- [327 Conservation Cover](#)
- [340 Cover Crop](#)
- [342 Critical Area Planting](#)
- [348 Dam, Diversion](#)
- [372 Combustion System Improvement](#)
- [374 Farmstead Energy Improvement](#)
- [380 Windbreak/Shelterbelt Establishment](#)
- [381 Silvopasture Establishment](#)
- [382 Fence](#)
- [383 Fuel break](#)
- [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](#)



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- [430 Irrigation Pipeline](#)
- [441 Irrigation System, Microirrigation](#)
- [442 Sprinkler system](#)
- [443 Irrigation System, Surface and Subsurface](#)
- [449 Irrigation Water Management](#)
- [462 Precision Land Forming](#)
- [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](#)
- [570 Stormwater Runoff Control](#)
- [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](#)
- [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](#)