

Fiscal Year (FY) 2019  
Practice Payment Schedule  
for the  
Conservation Stewardship Program  
(CStwP)  
and Regional Conservation Partnership  
Program – Conservation Stewardship  
Program (RCPP-CStwP)

March 2019

Released by the South Dakota (SD)  
Natural Resources Conservation Service (NRCS)

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CSP regulation states (Section 1470.1, “Applicability”): *“The purpose of CSP is to encourage producers to address priority resource concerns and improve and conserve the quality and condition of natural resources in a comprehensive manner by: Undertaking additional conservation activities; and Improving, maintaining, and managing existing conservation activities.”* Beginning in 2017, CSP will no longer make payments on a “system” based approach. Rather, payments will be made for actual extent of enhancements or practices applied. The payments below represent the amount to be paid for such activities. The clarifications listed in this document are for conservation practices only. For complete practice information, review the appropriate Conservation Practice Standard. Also, for enhancement clarifications and complete guidance, review the appropriate Enhancement Activity Sheet for FY 2019.

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## Access Control

Code: 472

Practice Lifespan: 1 year

### Typical Associated Practices:

Use Critical Area Planting (342) to establish permanent vegetative cover.

### Practice Clarifications:

None

### Practice Payment Schedule:

Activity Description -Practices	Payment Unit	Payment Rate
Animal exclusion from sensitive areas	Ft	\$0.01

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description -Enhancements	Payment Unit	Payment Rate
E472118Z - Manage livestock access to streams/ditches/other water bodies to reduce nutrients in surface water	Ft	\$2.14
E472122Z - Manage livestock access to streams/ditches/other water bodies to reduce pathogens in surface water	Ft	\$2.14

## Brush Management

Code: 314

Practice Lifespan: 10 years

### Typical Associated Practices:

- a. Prescribed Burning (338).
- b. Prescribed Grazing (528) to ensure desired results are achieved and maintained.
- c. Range Planting (550) or Forage and Biomass Planting (512) to provide the desired plant community if there is insufficient understory vegetation.

### Practice Clarifications:

- d. One-time payment following application.
- e. "Mechanical and Chemical, Medium Infestation" - for removal of bush type species that are less than 3-inch stem diameter (i.e., buckbrush, snowberry, etc.). This activity should be used for mechanical and chemical (if needed) treatment.
- f. "Mechanical and Chemical, Medium Infestation" - removal of woody and non-herbaceous species that are in the early phases of invasion (5 to 25 percent (%) canopy cover, see Range Technical note 10). This activity should be used for mechanical and chemical (if needed) treatment.
- g. "Mechanical and Chemical, Heavy Infestation" - removal of woody and non-herbaceous species that are in the early phases of invasion (25% canopy cover or more, see Range Technical note 10). This activity should be used for mechanical and chemical (if needed) treatment.
- h. "Chemical, Foliar Spot Treatment" - use for only chemical applications for plants to remove undesirable deciduous species (brush).
- i. Any treatment area under 5% canopy cover regardless of species type would be covered under operation and maintenance and would not be eligible for payment.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Chemical, Foliar Spot Treatment	Ac	\$4.17
Mechanical and Chemical, Medium Infestation	Ac	\$12.63
Mechanical and Chemical, Heavy Infestation	Ac	\$33.40

**Enhancement Clarifications:** See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E314133Z – Brush management for improved structure and composition (Brush mgmt, improved structure and comp)	Ac	\$15.59
E314134Z – Brush management that maintains or enhances wildlife or fish habitat (Brush mgmt, enhance habitat)	Ac	\$15.59

## Conservation Cover

Code: 327

Practice Lifespan: 5 years

### Typical Associated Practices:

Use Herbaceous Weed Control (315) for weed control performed after planting.

### Practice Clarifications:

- a. Practice payment includes seedbed preparation, seeding operation, deferment, and seed.
- b. Permanent vegetative cover on areas impacted by saline or sodic soils will be planted under Forage and Biomass Planting (512) or Range Planting (550).

### Practice Payment Schedule:

Activity Description – Practices	Payment Unit	Payment Rate
Introduced with Forgone Income	Ac	\$40.73
Native Species with Forgone Income	Ac	\$46.85

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description – Enhancements	Payment Unit	Payment Rate
E327136Z1 – Conservation cover to provide food habitat for pollinators and beneficial insects (Conservation cover-pollinator food)	Ac	\$293.74
E327136Z2 – Establish Monarch butterfly habitat (Establish monarch butterfly habitat)	Ac	\$1,779.49
E327137Z – Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects (Conservation cover-pollinator shelter)	Ac	\$293.74
E327139Z - Conservation cover to provide habitat continuity for pollinators and beneficial insects (Conservation cover-habitat continuity)	Ac	\$293.74



## Conservation Crop Rotation

Code: 328

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

- a. "Irrigation to Dryland Rotation Organic or Non-Organic" - this scenario contains foregone income. This is for the conversion of an irrigation cropping system to a non-irrigated (dryland) cropping system.
- b. "Basic Rotation Organic or Non-Organic" - add a new crop type or perennial to existing crop rotation. Crop types include:
  - i. Warm season grass - corn, sorghum, millet, warm season perennial grass, etc.
  - ii. Cool season grass - wheat, barley, oats, cool season perennial grass, etc.
  - iii. Warm season broadleaf - soybean, sunflower, alfalfa, etc.
  - iv. Cool season broadleaf - field pea, flax, canola, etc.
- c. If a cover crop is added to a crop rotation, payment will be made through Cover Crop (340).
- d. If an additional crop type is added to an existing crop rotation and will be followed by a cover crop, then both practices are eligible for payment. Payment for incorporating a cover crop will be made through Cover Crop (340).
- e. Payment is based on contracted acres and must adhere to the conservation practice standard for the length of the contract. Contractually, the annual payment will be initiated once the practice has been implemented and will continue for a period of 3 years. Example: 80-acre field using a corn/soybean rotation where wheat is planned to be added to the rotation. Once the wheat has been planted, the annual payment will begin and will continue for a total of 3 years on these 80 acres.

### Practice Payment Schedule:

Activity Description – Practices	Payment Unit	Payment Rate
Basic Rotation Organic and Non-Organic	Ac	\$1.31
Irrigated to Dryland Rotation Organic and Non-Organic	Ac	\$31.25

### Enhancement Clarifications:

See specific enhancement activity sheets

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E328101I - Improved resource conserving crop rotation to reduce water erosion (IRCCR water erosion)	Ac	\$6.86
E328101R - Resource conserving crop rotation to reduce water erosion (RCCR water erosion)	Ac	\$19.20
E328101Z - Conservation crop rotation on recently converted CRP grass/legume cover for water erosion (CRP trans crop rotation-water erosion)	Ac	\$2.74

Activity Description - Enhancements	Payment Unit	Payment Rate
E328102I - Improved resource conserving crop rotation to reduce wind erosion (IRCCR wind erosion)	Ac	\$6.86
E328102R - Resource conserving crop rotation to reduce wind erosion (RCCR wind erosion)	Ac	\$19.20
E328102Z - Conservation crop rotation on recently converted CRP grass/legume cover for wind erosion (CRP trans crop rotation-wind erosion)	Ac	\$2.74
E328106I - Improved resource conserving crop rotation for soil organic matter improvement (IRCCR for SOM improvement)	Ac	\$6.86
E328106R - Resource conserving crop rotation for soil organic matter improvement (RCCR for SOM improvement)	Ac	\$19.20
E328106Z1 - Soil health crop rotation	Ac	\$4.57
E328106Z2 - Modifications to improve soil health and increase soil organic matter	Ac	\$9.12
E328106Z3 - Conservation crop rotation on recently converted CRP grass/legume cover for SOM improvement	Ac	\$4.57
E328107I - Improved resource conserving crop rotation to improve soil compaction	Ac	\$6.86
E328107R - Resource conserving crop rotation to improve soil compaction	Ac	\$12.80
E328109Z - Conservation crop rotation to reduce the concentration of salts	Ac	\$3.66
E328118Z - Conservation crop rotation to reduce water quality degradation by utilization and removal of excess	Ac	\$4.26
E328134I - Improved resource conserving crop rotation to relieve plant pest pressure	Ac	\$6.86
E328134R - Resource conserving crop rotation to relieve plant pest pressure	Ac	\$19.20
E328136Z - Leave standing grain crops unharvested to benefit wildlife food sources	Ac	\$4.07
E328136Z2 - Improved crop rotation to provide benefits to pollinators	Ac	\$73.17
E328137Z - Leave standing grain crops unharvested to benefit wildlife cover and shelter	Ac	\$4.07

## Controlled Traffic Farming

Code: 334

Practice Lifespan: 5 years

### Typical Associated Practices:

None

### Practice Clarifications:

None

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Controlled Traffic	Ac	\$4.71

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E334107Z - Controlled traffic farming to reduce compaction	Ac	\$6.53

## Cover Crop

Code: 340

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

- a. Cover crop planted for the purpose of improving/increasing livestock forage production must be considered a secondary purpose. Cover crops do not address inadequate feed and forage resource concerns.
- b. If an additional crop type is added to an existing crop rotation and will be followed by a cover crop, then both practices are eligible for payment. Payment for the additional crop type in the crop rotation will be made through Conservation Crop Rotation (328).

### Practice Payment Schedule:

Activity Description – Practices	Payment Unit	Payment Rate
Cover Crop - Basic (Organic and Non-organic)	Ac	\$8.45

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description – Enhancements	Payment Unit	Payment Rate
E340101Z - Cover crop to reduce water erosion	Ac	\$7.18
E340102Z - Cover crop to reduce wind erosion	Ac	\$7.18
E340106Z1 - Intensive cover cropping to increase soil health and soil organic matter content	Ac	\$11.16
E340106Z2 - Use of multi-species cover crops to improve soil health and increase soil organic matter	Ac	\$10.45
E340106Z3 - Intensive cover cropping (orchard/vineyard floor) to increase soil health and SOM content	Ac	\$9.52
E340106Z4 - Use of SHA to assist with development of cover crop mix to improve soil health and increase SOM	Ac	\$11.50
E340107Z - Cover crop to minimize soil compaction	Ac	\$9.20
E340118Z - Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water	Ac	\$9.20
E340119Z - Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water	Ac	\$9.20
E340134Z - Cover crop to suppress excessive weed pressures and break pest cycles	Ac	\$9.52

## Critical Area Planting

Code: 342

Practice Lifespan: 10 year

### Typical Associated Practices:

Use Herbaceous Weed Control (315) for weed control performed after planting.

### Practice Clarifications:

Practice payment includes seedbed preparation, seeding operation, seed, and deferment.

### Practice Payment Schedule:

Activity Description -Practices	Payment Unit	Payment Rate
Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	\$22.36

No enhancements associated with this practice.

## Dam, Diversion

Code: 348

Practice Lifespan: 15 years

### Typical Associated Practices:

Use Critical Area Planting (342) to establish permanent vegetative cover.

### Practice Clarifications:

The cubic yard (CuYd) payment unit is the volume of earthfill.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Earthfill	CuYd	\$0.31

No enhancements associated with this practice.

## Deep Tillage

Code: 324

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

None

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Deep Tillage less than 20 inches	Ac	\$2.17
Deep Tillage more than 20 inches	Ac	\$5.88

No enhancements associated with this practice.

## Denitrifying Bioreactor

Code: 605

Practice Lifespan: 10 years

### Typical Associated Practices:

- a. Use Critical Area Planting (342) to establish permanent vegetative cover.

### Practice Clarifications:

- a. The cubic yard (CuYd) payment unit is the volume of pit excavation.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Denitrifying Bioreactor	CuYd	\$5.66

No enhancements associated with this practice.



## Drainage Water Management

Code: 554

Practice Lifespan: 1 year

### Typical Associated Practices:

Use Structure for Water Control (587) for the installation of the water control structures.

### Practice Clarifications:

Payment is based on the number (each) of water control structures installed per field. The size (acres) of the field does not impact the practice payment. Example: an 80-acre field with 3 structures installed and managed would have a payment based on 3 for a period not to exceed 5 years.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Drainage Water Management (DWM)	Ea	\$8.77

No enhancements associated with this practice.

## Early Successional Habitat Development

Code: 647

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

Select the Payment Activity based on the method of application to create and provide early successional habitat for the species of concern.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Mowing	Ac	\$1.35
Disking	Ac	\$2.49
Chemical	Ac	\$2.04

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description – Enhancements	Payment Unit	Payment Rate
E647136Z1 - Manipulate vegetation on fields where rainfall is to be captured and retained-food	Ac	\$22.59

## Farmstead Energy Improvement

Code: 374

Practice Lifespan: 10 years

**Typical Associated Practices:**

None

**Practice Clarifications:**

- a. For additional guidance see South Dakota Job Sheet, SD-JS-374,670,672.
- b. In all activities where a motor is being replaced, the old motor must be decommissioned prior to payment.

**Practice Payment Schedule:**

Activity Description - Practices	Payment Unit	Payment Rate
Ventilation - Exhaust	Ea	\$139.29
Ventilation - HAF	Ea	\$20.46
Plate Cooler - Small	Ea	\$466.29
Plate Cooler	Ea	\$681.60
Scroll Compressor	HP	\$83.70
Variable Speed Drive < 5 HP	HP	\$76.87
Variable Speed Drive, 5 – 15 HP	HP	\$36.96
Variable Speed Drive > 15 HP	HP	\$22.10
Automatic Controller System	Ea	\$157.02
Motor Upgrade > 100 HP	HP	\$13.79
Motor Upgrade 10 - 100 HP	HP	\$14.24
Motor Upgrade > 1 and < 10 HP	HP	\$15.83
Motor Upgrade ≤ 1 HP	HP	\$56.35
Heating - Radiant Systems	Ea	\$149.89
Heating (Building)	kBTU/Hr	\$1.24
Heating - Attic Heat Recovery vents	Ea	\$14.94

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description - Enhancements	Payment Unit	Payment Rate
E374144Z1 - Install variable frequency drive(s) on pump(s)	BHP	\$216.84
E374144Z2 - Switch fuel source for pump motor(s)	HP	\$7,958.59

## Fence

Code: 382

Practice Lifespan: 20 years

### Typical Associated Practices:

None

### Practice Clarifications:

- a. Use "Barbed Wire, Multi-strand" for all other fence types not listed as an "Activity Description" below.
- b. Use "Electric, high tensile with energizer" for all electric fences with or without energizer.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Barbed Wire, Multi-strand	Ft	\$0.17
Electric, high tensile with energizer	Ft	\$0.10
Portable Fence	Ft	\$0.03

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description – Enhancements	Payment Unit	Payment Rate
E382136Z - Incorporating 'wildlife friendly' fencing for connectivity of wildlife food resources	Ft	\$0.16

## Field Border

Code: 386

Practice Lifespan: 10 years

### Typical Associated Practices:

Use Herbaceous Weed Control (315) for weed control performed after planting.

### Practice Clarifications:

Practice payment includes seedbed preparation, seeding operation, deferment, and seed.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Field Border, Native Species, Forgone Income	Ac	\$40.94

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description – Enhancements	Payment Unit	Payment Rate
E386101Z - Enhanced field borders to reduce water induced erosion along the edge(s) of a field	Ac	\$604.80
E386102Z – Enhanced field borders to reduce wind induced erosion along the windward side(s) of a field	Ac	\$604.80
E386106Z - Enhanced field borders to increase carbon storage along the edge(s) of the field	Ac	\$604.80
E386128Z - Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Ac	\$604.80
E386136Z - Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	Ac	\$604.80
E386137Z - Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	Ac	\$604.80
E386139Z - Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	Ac	\$604.80

## Filter Strip

Code: 393

Practice Lifespan: 10 years

### Typical Associated Practices:

Use Herbaceous Weed Control (315) for weed control performed after planting.

### Practice Clarifications:

Practice payment includes seedbed preparation, seeding operation, deferment, and seed.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Filter Strip, Native species, Forgone Income	Ac	\$47.61

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description – Enhancements	Payment Unit	Payment Rate
E393118Z - Extend existing filter strip to reduce excess nutrients in surface water	Ac	\$787.73
E393122Z - Extend existing filter strip to reduce excess pathogens and chemicals in surface water	Ac	\$787.73
E393126Z - Extend existing filter strip to reduce excess sediment in surface water	Ac	\$787.73

## Firebreak

Code: 394

Practice Lifespan: 5 years

### Typical Associated Practices:

None

### Practice Clarifications:

Minimum of a 50 to 100-foot (Ft) firebreak installed by removing trees, shrubs or vegetation around the intended protection area.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
		Traditional
Constructed, tree clearing	Ft	\$0.07
Constructed - Wide, bladed or disked firebreak	Ft	\$0.35

No enhancements associated with this practice.

## Forage and Biomass Planting

Code: 512

Practice Lifespan: 5 years

### Typical Associated Practices:

Use Herbaceous Weed Control (315) for weed control performed after planting.

### Practice Clarifications:

- a. Practice payment includes seedbed preparation, seeding operation, deferment, and seed.
- b. Pasture renovation is eligible if it will address an identified resource concern(s). The need for increased forage production must be documented on the SD-CPA-39, Forage/Animal Inventory.
- c. Use this practice to establish permanent vegetative cover on areas impacted by saline or sodic soil.
  - i. Vegetative practices are not allowed using Salinity and Sodic Soil Management (610).

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Introduced Perennial Grasses-Legume	Ac	\$5.87
Introduced Perennial & Native Grass Mix	Ac	\$8.35
Organic	Ac	\$11.55



**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description – Enhancements	Payment Unit	Payment Rate
E512101Z1 - Cropland conversion to grass-based agriculture to reduce water erosion	Ac	\$5.35
E512101Z2 - Forage and biomass planting for water erosion to improve soil health	Ac	\$15.27
E512102Z - Cropland conversion to grass-based agriculture to reduce wind erosion	Ac	\$8.13
E512106Z1 - Cropland conversion to grass-based agriculture for soil organic matter improvement	Ac	\$14.97
E512106Z2 - Forage plantings that can help increase organic matter in depleted soils	Ac	\$17.82
E512132Z1 - Forage and biomass planting that produces feedstock for biofuels or energy production	Ac	\$37.83
E512132Z2 - Native grasses or legumes in forage base to improve plant productivity and health	Ac	\$15.58
E512133Z1 - Native grasses or legumes in forage base to improve plant community structure and composition	Ac	\$40.28
E512133Z2 - Forage plantings that enhance bird habitat (structure and composition)	Ac	\$76.37
E512136Z1 - Establish pollinator and/or beneficial insect food habitat	Ac	\$58.76
E512136Z2 - Native grass or legumes in forage base to provide wildlife food	Ac	\$58.76
E512137Z - Forage plantings that enhance bird habitat (cover and shelter)	Ac	\$76.37
E512138Z - Establish wildlife corridors to enhance access to water	Ac	\$22.28
E512139Z1 - Establish wildlife corridors to provide habitat continuity	Ac	\$20.36
E512139Z2 - Establish pollinator and/or beneficial insect habitat continuity (space)	Ac	\$59.67
E512139Z3 - Establish Monarch butterfly habitat in pastures	Ac	\$59.67
E512140Z - Native grasses or legumes in forage base	Ac	\$39.32

## Forage Harvest Management

Code: 511

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

- a. Payment is based on contracted acres and must adhere to the conservation practice standard for the length of the contract. Contractually, the annual payment will be initiated once the practice has been implemented and will continue for the remainder of the CSP contract. Example: An 80-acre field of alfalfa/grass mix where the planned harvest will be delayed according to the practice standard requirements. Once the field has been harvested following the planned delayed harvest date, the annual payment will begin and will continue through the CSP contract on these 80 acres.
- b. Per-Ann Crops, Delayed Mowing – Delay the forage harvest to promote the reproduction of ground nesting birds or pollinator habitat. Harvest will be delayed until after the young of the target bird species has fledged. Contact a biologist for guidance on fledging dates. Refer to Biology Technical Note No. 15, Section 1 (Native Pollinator Information) and Attachment A (Bloom Period and Site Information for Common SD Native Plants) for pollinator habitat requirements.
- c. Payment is made on the entire field as long as 10% is deferred. Haying should happen on the deferred 10% as soon as the applicable time period has passed (full bloom or nesting). The deferred 10% should be rotated across the field with every cutting.

### Practice Payment Schedule:

Activity Description – Practices	Payment Unit	Payment Rate
Per-Ann Crops - Delayed Mowing	Ac	\$0.39

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E51137Z1 - Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Ac	\$3.20
E511137Z2 - Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	Ac	\$6.47
E511139Z2 - Forage harvest management that helps maintain wildlife habitat continuity (space)	Ac	\$3.20

## Forest Stand Improvement

Code: 666

Practice Lifespan: 10 years

### Typical Associated Practices:

None

### Practice Clarifications:

- a. "Competition Control – Mechanical, Heavy Equipment" - using equipment such as a masticator or mulcher to control vegetation that is competing with desirable trees or to reduce the stocking level of a stand of desirable trees.
- b. "Timber Stand Improvement, Chemical, Ground" – Using chemical application to control vegetation that is competing with desirable trees or to reduce the stocking level of a stand of desirable trees.
- c. "Thinning for Wildlife and Forest Health" – a combination of hand and chemical treatments used to open the canopy of a stand to improve the wildlife habitat and tree health.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Competition Control, Mechanical, Heavy Equipment	Ac	\$51.03
Timber Stand Improvement, Chemical, Ground	Ac	\$4.32
Thinning for Wildlife and Forest Health	Ac	\$94.78

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description - Enhancements	Payment Unit	Payment Rate
E666106Z1 - Implementing sustainable practices for pine straw raking	Ac	\$145.47
E666106Z2 - Maintaining and improving forest soil quality	Ac	\$37.68
E666107Z - Maintaining and improving forest soil quality by limiting compaction	Ac	\$37.68
E666115Z1 - Converting loblolly and slash pine plantations to longleaf pine to retain soil moisture	Ac	\$121.02
E666115Z2 - Enhance development of the forest understory to improve site moisture	Ac	\$236.67
E666118Z - Enhance development of the forest understory to capture nutrients in surface water	Ac	\$236.67
E666119Z - Enhance development of the forest understory to capture nutrients - ground water	Ac	\$236.67
E666130Z - Increase on-site carbon storage	Ac	\$11.89
E666132Z1 - Crop tree management for mast production	Ac	\$335.31
E666132Z2 - Reduce forest stand density to improve a degraded plant community	Ac	\$271.62
E666132Z3 - Facilitating oak forest regeneration	Ac	\$498.46
E666133X - Forest Stand Improvement to rehabilitate degraded hardwood stands	Ac	\$485.55
E666133Z1 - Creating structural diversity with patch openings	Ac	\$444.65
E666133Z2 - Converting loblolly and slash pine plantations to longleaf pine with FSI and prescribed burning	Ac	\$121.02
E666134Z - Enhance development of the forest understory to create conditions resistant to pests	Ac	\$236.67
E666135Z1 - Reduce height of the forest understory to limit wildfire risk	Ac	\$236.67
E666135Z2 - Reduce forest density and manage understory along roads to limit wildfire risk	Ac	\$269.83
E666135Z3 - Maintaining structural diversity in dry Western forests	Ac	\$233.67
E666136Z1 - Reduce forest density and manage understory along roads to improve wildlife food sources	Ac	\$269.83
E666136Z2 - Reduce forest stand density to improve wildlife food sources	Ac	\$271.62
E666136Z3 - Create patch openings to enhance wildlife food sources and availability	Ac	\$276.45
E666136Z4 - Creating structural diversity in dry Western forests	Ac	\$881.72
E666137Z1 - Snags, den trees, and coarse woody debris for wildlife habitat	Ac	\$44.90
E666137Z2 - Summer roosting habitat for native forest-dwelling bat species	Ac	\$191.64
E666137Z3 - Increase diversity in pine plantation monocultures	Ac	\$444.65
E666137Z6 - Create patch openings to enhance wildlife cover and shelter	Ac	\$276.45
E666137Z7 - Enhance development of the forest understory to provide wildlife cover and shelter	Ac	\$236.67
E666137Z8 - Forest songbird habitat maintenance	Ac	\$174.07

## Fuel Break

Code: 383

Practice Lifespan: 10 years

### Typical Associated Practices:

None

### Practice Clarifications:

- a. "Non-Forested Fuel Break" – mechanized treatment or mowing of herbaceous residue to reduce wildfire hazards.
- b. "Fuel Break" - hand thinning or pruning, or mechanized treatment of woody residue (piling/burning, crushing, or offsite removal), to reduce wildfire hazards.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Fuel Break	Ac	\$161.88
Non-Forested Fuel Break	Ac	\$32.34

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E383135Z - Grazing-maintained fuel break to reduce the risk of fire	Ac	\$226.68

## Grade Stabilization Structure

Code: 410

Practice Lifespan: 15 years

### Typical Associated Practices:

Use Critical Area Planting (342) to establish permanent vegetative cover.

### Practice Clarifications:

- a. The "Concrete Box Drop" activity is a straight, semicircular, or box drop structure composed of reinforced concrete. The cubic yard (CuYd) payment unit is the volume of concrete.
- b. The "Embankment, No PS", "Embankment, Pipe <24", and "Embankment, Pipe ≥24" activities are embankment dams. The cubic yard (CuYd) payment unit is the volume of earthfill.
- c. The "Modular Concrete Block Drop" activity is a drop structure constructed of large, precast modular blocks. The cubic yard (CuYd) payment unit is the volume of the concrete blocks.
- d. The "Pipe Drop, CMP" and "Pipe Drop, Plastic" activities are pipe drop (i.e., riser and barrel) grade stabilization structures. The square foot (SqFt) payment unit is the riser weir length (diameter x 3.14) in feet multiplied by the length of the barrel in feet.
- e. The "Rock Chute" activity is a rock channel drop structure constructed of rock riprap with a geotextile base. The cubic yard (CuYd) payment unit is the volume of rock in the chute.
- f. The "Sheet Pile Weir Drop" activity is a straight structure composed of sheet pile metal used to stabilize the grade. The square foot (SqFt) payment unit is the area of sheet pile.
- g. The "Gabion Rock Drop Structures" activity is a straight drop structure composed of rock riprap held in place by gabion baskets. The cubic yard (CuYd) payment unit is the volume of rock.
- h. The "Tied Concrete Block Mat" activity is a drop structure placed in a water course constructed of concrete blocks joined by cable or other means to form a flexible mat. The square foot (SqFt) payment unit is the area of mat.
- i. The payment unit for the "DiaInFt" for the "Rehab Embankment Pond, With Principal Spillway" scenario is based on the barrel pipe diameter in inches multiplied by the length of the barrel pipe in feet (diameter inch foot).
- j. The "Rehab Embankment Pond, With Principal Spillway" and "Rehab Embankment Pond, No Principal Spillway" activities are to be used for rehabilitation on ponds that have exceeded their practice lifespan. These are the only two scenarios to be used for pond rehabilitation.
- k. The "Drop Structure, Metal" activity is a straight drop structure composed of metal used to stabilize the grade. The square foot (SqFt) payment unit is the total area of metal walls and weir.

**Practice Payment Schedule:**

<b>Activity Description - Practices</b>	<b>Payment Unit</b>	<b>Payment Rate</b>
Embankment, No PS	CuYd	\$0.54
Embankment, Pipe <24"	CuYd	\$0.62
Embankment, Pipe >=24"	CuYd	\$0.55
Pipe Drop, Plastic	SqFt	\$5.54
Pipe Drop, CMP	SqFt	\$2.12
Concrete Box Drop	CuYd	\$86.86
Sheet Pile Weir Drop	SqFt	\$5.67
Gabion Rock Drop Structures	CuYd	\$16.23
Modular Concrete Block Drop	CuYd	\$19.20
Rock Chute	CuYd	\$6.22
Tied Concrete Block Mat	SqFt	\$0.63
Rehab Embankment Pond, With Principal Spillway	DialnFt	\$1.25
Rehab Embankment Pond, No Principal Spillway	CuYd	\$0.87
Drop Structure, Metal	SqFt	\$3.75

**No enhancements associated with this practice.**

## Grassed Waterway

Code: 412

Practice Lifespan: 10 years

### Typical Associated Practices:

- a. Use Critical Area Planting (342) to establish permanent vegetative cover.
- b. Use Mulching (484) for erosion control.

### Practice Clarifications:

- a. The “Waterway with Side Dikes or Checks” activity is a grassed waterway that includes either constructed side dikes at the edges of the watery, or rock or fabric checks perpendicular to the flow of the waterway. The acre (Ac) payment unit is the area of the grassed waterway.
- b. The “Waterway, Less than 25 ft<sup>2</sup>” activity is a grassed waterway with a cross sectional area less than 25 square feet per linear foot of waterway. The acre (Ac) payment unit is the area of the grassed waterway.
- c. The “Waterway, 25 to 50 ft<sup>2</sup>” activity is a grassed waterway with a cross sectional area from 25 square feet to 50 square feet per linear foot of waterway. The acre (Ac) payment unit is the area of the grassed waterway.
- d. The “Waterway, 50 to 100 ft<sup>2</sup>” activity is a grassed waterway with a cross sectional area greater than 50 square feet per linear foot of waterway. The acre (Ac) payment unit is the area of the grassed waterway.
- e. The “Waterway, Crop Season Construction” activity is a grassed waterway that includes foregone income for the loss of crop income due to the construction of the waterway during the growing season. The acre (Ac) payment unit is the area of the grassed waterway.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
		Traditional
Waterway, less than 25 ft <sup>2</sup>	Ac	\$440.09
Waterway, 25 to 50 ft <sup>2</sup>	Ac	\$550.36
Waterway, 50 to 100 ft <sup>2</sup>	Ac	\$706.35
Waterway with Side Dikes or Checks	Ac	\$729.00
Waterway, Crop Season Construction	Ac	\$578.34

**No enhancements associated with this practice.**



## Heavy Use Area Protection

Code: 561

Practice Lifespan: 10 years

### Typical Associated Practices:

Use Watering Facility (614) for the gravel or concrete directly beneath a tank.

### Practice Clarifications:

- a. Existing watering facilities are not eligible for new concrete or gravel aprons.
- b. The "Reinforced Concrete with Sand or Gravel Foundation" activity is for all concrete activities, even if sand or gravel is not beneath the concrete. The cubic yard (CuYd) payment unit is the volume of concrete.
- c. For the "Rock/Gravel" and "Rock/Gravel Geotextile" activities, the cubic yard (CuYd) payment unit is the volume of rock and/or gravel.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Reinforced Concrete with sand or gravel foundation	CuYd	\$28.12
Rock/Gravel on Geotextile	CuYd	\$4.44
Rock/Gravel	CuYd	\$1.86

No enhancements associated with this practice.

## Herbaceous Weed Control

Code: 315

Practice Lifespan: 5 years

### Typical Associated Practices:

None

### Practice Clarifications:

- a. Weed control on grass establishment.
  - i. One-time payment following grass seeding for weed control.
- b. Weed control on tree establishment.
  - i. One-time payment following tree planting for weed control.
  - ii. Includes area within and between row weed control.
  - iii. Payment for weed control is allowed if fabric is applied to new windbreaks.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Chemical, Ground	Ac	\$1.68
Mechanical	Ac	\$1.53
Mechanical, Tree Establishment	Ac	\$20.53
Chemical, Tree Establishment - Post-emergent Herbicide	Ac	\$4.93

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description – Enhancements	Payment Unit	Payment Rate
E315132Z - Herbaceous weed control for desired plant communities/habitats consistent with the ecological site	Ac	\$13.05
E315133Z - Herbaceous weed control (inadequate structure and comp) for desired plant communities/habitats	Ac	\$13.05
E315134Z - Herbaceous weed control (plant pest pressures) for desired plant communities/habitats	Ac	\$13.05

# Integrated Pest Management

Code: 595

Practice Lifespan: 1 year

## Typical Associated Practices:

None

## Practice Clarifications:

- a. "Basic IPM for Field Crops" - a basic IPM system has been implemented including pest monitoring techniques including weekly scouting during critical crop periods, LGU pest thresholds (where available) and WIN-PST.
- b. "Advanced IPM for Field Crops" - **For Use with Organic or Irrigated Cropland.** In addition to Basic IPM, Follow the National Organic Program Standards. Use some of the following or additional methods: Cultural control (crop rotation, use of locally adapted or pest resistant/tolerant varieties, sanitation, manipulating planting/harvest dates to avoid pests), Biological control (protect, enhance or import natural enemies of pests), Mechanical control (cultivation, trapping, pest exclusion).
- c. Payment is based on contracted acres and must adhere to the conservation practice standard for the length of the contract. Contractually, the annual payment will be initiated once the practice has been implemented and will continue for a period of 3 years. Example: 80-acre field planned for IPM implementation to be added. The annual payment will begin once IPM is implemented and will continue for a total of 3 years on these 80 acres.

## Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
		Traditional
Basic IPM for Field Crops	Ac	\$2.03
Advanced IPM for Field Crops	Ac	\$3.01

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description - Enhancements	Payment Unit	Payment Rate
		Traditional
E595116X - Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Ac	\$12.51
E595116Z - Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	Ac	\$5.36
E595116Z2 - Reducing routine neonicotinoid seed treatments on corn and soybean crops.	Ac	\$4.57
E595129Z - Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	Ac	\$5.36
E595136X - Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Ac	\$11.12
E595137Z - Eliminate use of chemical treatments to control pests and increase dung beetle populations	Ac	\$5.72

## Irrigation Land Leveling

Code: 464

Practice Lifespan: 15 years

### Typical Associated Practices:

None

### Practice Clarifications:

The cubic yard (CuYd) payment unit is the volume of earthwork.

### Practice Payment Schedule:

Activity Description – Practices	Payment Unit	Payment Rate
		Traditional
Land Leveling	CuYd	\$0.28

No enhancements associated with this practice.

## Irrigation Pipeline

Code: 430

Practice Lifespan: 20 years

### Typical Associated Practices:

Use Structure for Water Control (587) for installation of flow meters.

### Practice Clarifications:

None

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
		Traditional
PVC, by the pound	Lb	\$0.39

No enhancements associated with this practice.

## Irrigation System, Microirrigation

Code: 441

Practice Lifespan: 15 years

### Typical Associated Practices:

- a. Use Irrigation Pipeline (430) for the pipe from the water source to the site.
- b. Use Irrigation Water Management (449) to develop an irrigation plan.
- c. Pumping Plant (533).
- d. Structure for Water Control (587) to add a flow meter.

### Practice Clarifications:

- a. The payments include the emitters, filters, feeder pipe, and appurtenances.
- b. The acre (Ac) payment unit is the area irrigated.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
		Traditional
SDI (Subsurface Drip Irrigation)	Ac	\$194.86

No enhancements associated with this practice.

## Irrigation Water Management

Code: 449

Practice Lifespan: 1 year

**Typical Associated Practices:**

- a. Use Sprinkler System (442) for renozzling and gravity to pivot conversions.
- b. Irrigation System, Microirrigation (441).

**Practice Clarifications:**

- a. The “IWM, Basic Technique” activity is a low intensity system for producers using a checkbook method. Soil moisture is determined by the feel method; volumes of irrigation water are based on energy or water district bills, records are kept on paper copies, and calculations are made by hand. The acre (Ac) payment unit is the area of the fields.
- b. The “IWM, Intermediate Technique, 1st year” activity is when a producer uses electrical soil moisture sensors such as capacitance or resistance sensors to monitor soil moisture. The each (Ea) payment unit is the number of soil monitoring units installed.
- c. The “IWM, Intermediate Technique, Subsequent Years” activity is when a producer uses electrical soil moisture sensors such as capacitance or resistance sensors to monitor soil moisture. The acre (Ac) payment unit is the area of the fields.

**Practice Payment Schedule:**

Activity Description - Practices	Payment Unit	Payment Rate
		Traditional
IWM, Basic Technique	Ac	\$0.53
IWM, Intermediate Technique, 1st year	Ea	\$162.46
IWM, Intermediate Technique, Subsequent Years	Ac	\$0.58

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description - Enhancements	Payment Unit	Payment Rate
		Traditional
E449114Z5 - Complete pumping plant evaluation for all existing pumps on a farm	Ac	\$5.01
E449114Z7 – Advanced Automated IWM-Year 2-5, Soil moisture is monitored, recorded and used in decision making	Ac	\$16.75
E449114Z8 - Advanced Automated IWM-Year 1-Equipment and soil moisture is monitored, recorded and used in decision making	Ac	\$53.66
E449144Z - Complete pumping plant evaluation for all pumps on a farm	Ac	\$5.01



## Livestock Pipeline

Code: 516

Practice Lifespan: 20 years

### Typical Associated Practices:

- a. Use Watering Facility (614) for tanks and the gravel or concrete directly beneath a tank.
- b. Use Heavy Use Area Protection (561) for concrete or gravel aprons around tanks.

### Practice Clarifications:

- a. The payments include appurtenances and installation.
- b. The linear foot (Ft) payment unit is the length of pipe installed.
- c. The "Standard Installation, 2" dia. or less (ND-SD)" activity is for plowed or trenched pipelines that are 2 inches in diameter or smaller.
- d. The "Standard Installation, greater than 2" dia." activity is for plowed or trenched pipelines that are larger than 2 inches in diameter.
- e. The "Backhoe, 2" dia. or less" and "Backhoe, greater than 2" dia." activities are for pipeline installations that are installed with a backhoe where trenched or plowed installation are not possible. This activity is specific to the section of pipeline that is installed with a backhoe and may not apply to the entire pipeline installation.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Shallow or Above Ground Pipeline, any diameter	Ft	\$0.25
Standard Installation, 2-inch dia. or less (ND-SD)	Ft	\$0.37
Standard Installation, greater than 2-inch dia.	Ft	\$0.40
Backhoe, 2-inch dia. or less	Ft	\$0.50
Backhoe, greater than 2-inch dia.	Ft	\$0.64
Boring, any diameter	Ft	\$6.21

**No enhancements associated with this practice.**

## Livestock Shelter Structure

Code: 576

Practice Lifespan: 10 years

### Typical Associated Practices:

None

### Practice Clarifications:

The linear foot (LnFt) payment unit is the length of the windbreak.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Portable Wind Shelter	Ft	\$1.04
Permanent Wind Shelter	Ft	\$2.84

No enhancements associated with this practice.

## Mulching

Code: 484

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

- a. "Erosion Control Blanket" - typically made of coconut coir, wood fiber, or straw covered on both sides with polypropylene netting.
- b. "Hydro-mulching" - typically a wood cellulose fiber pulp applied as a slurry using hydraulic methods on steep slopes.
- c. "Natural Material – Straw" - straw mulch or other approved natural material anchored using light tillage.
- d. "Trees and Shrubs – Rolls" - weed barrier fabric installed on a new tree and shrub row planting.
- e. "Trees and Shrubs – Squares" - weed barrier fabric square installed with staples on a new tree and shrub planting.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Natural Material - Straw	Ac	\$35.49
Erosion Control Blanket	SqFt	\$0.02
Tree and Shrub - Squares	Ea	\$0.23
Tree and Shrub - Rolls	Ft	\$0.06
Hydro-mulching	Ac	\$212.48

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E484106Z - Mulching to improve soil health	Ac	\$1.83
E484128Z - Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Ac	\$13.06

## Nutrient Management

Code: 590

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

- a. **“Basic NM (Non-Organic/Organic)”** - includes composite soil testing, completed nutrient budget, and record keeping. Records demonstrate the implementation of the four R's of Nutrient Management (590).
- b. **“Basic NM with Manure and/or Compost (Non-Organic/Organic)”** - will follow all requirements of Basic NM. If Manure and/or compost are utilized as the nutrient source, analyses of these will be required. Nutrient management above the “Basic NM” level that also utilize methods of one or more appropriate (Enhanced) techniques: split applications of nitrogen, use of nitrogen stabilizers, controlled release products, or tissue testing.
- c. **“Basic Precision NM (Non-Organic/Organic)”** - Nutrient management techniques in addition to the “Basic NM” level that utilize management zones or grid soil testing and variable rate nutrient applications.
- d. Payment is based on contracted acres and must adhere to the conservation practice standard for the length of the contract. Contractually, the annual payment will be initiated once the practice has been implemented and will continue through the life of the CSP contract. Example: 80-acre field using any management activities listed above. The payment will commence once the activity has been installed and will continue through the remainder of the CSP contract.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Basic NM (Non-Organic/Organic)	Ac	\$0.77
Basic NM with Manure and/or Compost (Non-Organic/Organic)	Ac	\$1.66
Basic Precision NM (Non-Organic/Organic)	Ac	\$5.02

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

<b>Activity Description - Enhancements</b>	<b>Payment Unit</b>	<b>Payment Rate</b>
E590118X - Reduce risks of nutrient losses to surface water by utilizing precision ag technologies	Ac	\$16.77
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	Ac	\$10.29
E590119X - Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies to plan and apply nutrients	Ac	\$16.77
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	Ac	\$10.29
E590130Z - Improving nutrient uptake efficiency and reducing risks to air quality - emissions of GHGs	Ac	\$10.29

## On-Farm Secondary Containment Facility

Code: 319

Practice Lifespan: 15 years

### Typical Associated Practices:

None.

### Practice Clarifications:

- a. The cubic yard (CuYd) payment unit for the “Earthen Containment” scenario is the volume of the earthfill in the compacted earthen wall.
- b. The cubic yard (CuYd) payment unit for the “Concrete Containment Wall” scenario is the volume of the concrete in the reinforced concrete wall.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Earthen Containment	CuYd	\$4.01
Concrete Containment Wall	CuYd	\$93.87

No enhancements associated with this practice.

## Pond

Code: 378

Practice Lifespan: 20 years

### Typical Associated Practices:

Use Critical Area Planting (342) to establish permanent vegetative cover.

### Practice Clarifications:

- a. The cubic yard (CuYd) payment unit is the volume of earthfill.
- b. The payment unit for the "DialnFt" for the "Rehab Embankment Pond, With Principal Spillway" scenario is based on the barrel pipe diameter in inches multiplied by the length of the barrel pipe in feet (diameter inch foot).
- c. The "Rehab Embankment Pond, With Principal Spillway" and "Rehab Embankment Pond, No Principal Spillway" activities are to be used for rehabilitation on ponds that have exceeded their practice lifespan. These are the only two scenarios to be used for pond rehabilitation.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Excavated Pond	CuYd	\$0.27
Embankment Pond, No Principal Spillway	CuYd	\$0.53
Embankment Pond with less than 24" Pipe	CuYd	\$0.62
Embankment Pond with greater than or equal to 24" Pipe	CuYd	\$0.55
Rehab Embankment Pond, With Principal Spillway	DialnFt	\$1.25
Rehab Embankment Pond, No Principal Spillway	CuYd	\$0.87

No enhancements associated with this practice.

## Prescribed Burning

Code: 338

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

- a. A written burn plan must be prepared by a certified individual. Specifications for applying this practice shall be prepared for each site and recorded. All necessary permits must be obtained before implementation of the practice.
- b. "Steep terrain, volatile fuels (wood) >4 feet height" - Use for burning any woody cover (i.e., cedar)
- c. "Herbaceous Fuel – Standard" - Use for any herbaceous cover

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Level Terrain, Volatile or woody fuels	Ac	\$1.09
Steep Terrain, Volatile or Woody fuels	Ac	\$1.84
Herbaceous Fuel - Standard	Ac	\$0.84

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E338134Z - Strategic patch burning for grazing distribution/wildlife habitat (undesirable plant pressure)	Ac	\$7.74
E338135Z - Strategically planned, patch burning for grazing distribution and wildlife habitat (fuel loading)	Ac	\$7.74
E338136Z - Short-interval burns to promote a healthy herbaceous plant community for wildlife food	Ac	\$87.87
E338137Z1 - Sequential patch burning	Ac	\$146.81
E338137Z2 - Short-interval burn	Ac	\$40.29
E338140Z - Short-interval prescribed burning to promote a healthy herbaceous plant community	Ac	\$85.59



## Prescribed Grazing

Code: 528

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

- a. Each activity is a separate system. Select the appropriate activity based on the grazing system(s) that most closely matches the participant's operation.
  - i. "Habitat Mgt." - grazing system designed to create, restore, and/or enhance habitat components for grouse species.
  - ii. "Grazing Management System, Standard" - will be used for all grazing systems on pasture or rangeland.
  - iii. "Livestock Deferment (FI)" - 12-month exclusion.
- b. Payment is based on contracted acres and must adhere to the conservation practice standard for the length of the contract. Contractually, the annual payment will be initiated once the practice has been implemented and will continue for a period of through the life of the CSP contract. Example: a 1,000-acre grazing operation using any management activities listed above. The payment will commence once the activity has been installed and will continue for the remainder of the CSP contract.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Grazing Management System, Standard	Ac	\$0.65
Habitat Mgt	Ac	\$1.68
Livestock Deferment (FI)	Ac	\$2.49

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E528101Z - Improved grazing management for water erosion through monitoring activities	Ac	\$1.78
E528102Z - Improved grazing management for wind erosion through monitoring activities	Ac	\$1.78
E528104Z - Grazing management that protects sensitive areas from gully erosion	Ac	\$1.55
E528105Z - Prescribed grazing that improves or maintains riparian and watershed function-erosion	Ac	\$9.68
E528107Z1 - Improved grazing management for soil compaction through monitoring activities	Ac	\$7.73
E528107Z2 - Improved grazing management for soil compaction on rangeland through monitoring activities	Ac	\$1.78

E528118Z1 - Prescribed grazing that maintains/improves riparian/watershed function impairment from nutrients	Ac	\$15.31
E528118Z2 - Grazing management that protects sensitive areas-surface water from nutrients	Ac	\$1.70
E528119Z - Grazing management that protects sensitive areas-ground water from nutrients	Ac	\$1.70
E528122Z -Prescribed grazing that maintains/improves riparian/watershed function-pathogens/chemicals	Ac	\$15.31
E528126Z - Prescribed grazing that maintains/improves riparian/watershed function-min sediment in surface water	Ac	\$12.90
E528127Z - Prescribed grazing that improves or maintains riparian/watershed function-elevated water temperature	Ac	\$1.55
E528132Z1 - Improved grazing mgmt for plant productivity/health through monitoring	Ac	\$11.02
E528132Z2 - Stockpiling cool season forage to improve plant productivity and health	Ac	\$21.69
E528132Z3 - Improved grazing management for plant productivity/health through monitoring	Ac	\$1.78
E528133Z1 - Stockpiling cool season forage to improve structure and composition.	Ac	\$21.69
E528133Z2 - Grazing management for improving quantity/quality of plant structure/composition for wildlife	Ac	\$4.05
E528133Z3 - Improved grazing management for plant structure and composition through monitoring activities	Ac	\$1.78
E528134Z - Improved grazing management that reduces undesirable plant pest pressure through monitoring	Ac	\$1.78
E528136Z1 - Grazing management for improving quantity and quality of food for wildlife	Ac	\$0.52
E528136Z2 - Incorporating wildlife refuge areas in contingency plans for wildlife food	Ac	\$16.52
E528137Z1 - Grazing management for improving quantity and quality of cover and shelter for wildlife	Ac	\$0.52
E528137Z2 - Incorporating wildlife refuge areas in contingency plans for prescribed grazing-cover/shelter	Ac	\$16.52
E528138Z - Incorporating wildlife refuge areas in contingency plans for prescribed grazing-water access	Ac	\$16.52
E528140Z1 - Maintaining quantity and quality of forage for animal health and productivity	Ac	\$3.79
E528140Z2 - Incorporating wildlife refuge areas in contingency plans for livestock feed and forage	Ac	\$2.98

## Pumping Plant

Code: 533

Practice Lifespan: 15 years

### Typical Associated Practices:

None

### Practice Clarifications:

- a. The activity payments include the costs associated with the pump, power unit, pressure tank, well pit, and well house. All maintenance and replacement costs are the responsibility of the producer as part of the operation and maintenance for the practice lifespan.
- b. Use "Solar-Powered Pump" for any solar or windmill powered pump.
- c. 1 hp is equivalent to 745.7 watts.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Irrigation, Variable Frequency Drive	Ea	\$1,120.81
Irrigation, Surface Water	Ea	\$1,134.78
Livestock, with Pressure Tank, High HP	HP	\$193.20
Livestock, without Pressure Tank (HP)	HP	\$145.60
Solar-Powered Pump	Ea	\$1,071.41
Livestock, Variable Frequency Drive	Ea	\$974.08

No enhancements associated with this practice.

## Range Planting

Code: 550

Practice Lifespan: 5 years

### Typical Associated Practices:

- a. Use Herbaceous Weed Control (315) for weed control performed after planting.
- b. Salinity and Sodic Soil Management (610).

### Practice Clarifications:

Practice payment includes seedbed preparation, seeding operation, seed, and deferment.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Native, Standard Prep	Ac	\$19.01

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E550106Z - Range planting for increasing/maintaining organic matter	Ac	\$40.70
E550136Z - Range planting for improving forage, browse, or cover for wildlife	Ac	\$101.49

## Residue and Tillage Management, Reduced Till

Code: 345

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

Payment is based on contracted acres and must adhere to the conservation practice standard for the length of the contract. Contractually, the annual payment will be initiated once the practice has been implemented and will continue through the life of the CSP contract. Example: An 80-acre field using the management activity listed below. The payment will commence once the activity has been installed and will continue for the remainder of the CSP contract on these 80 acres.

### Practice Payment Schedule:

Activity Description – Practices	Payment Unit	Payment Rate
Residue and Tillage Management, Reduced Till	Ac	\$2.56

Activity Description – Enhancements	Payment Unit	Payment Rate
E345101Z - Reduced tillage to reduce water erosion	Ac	\$3.66
E345102Z - Reduced tillage to reduce wind erosion	Ac	\$2.74
E345106Z - Reduced tillage to increase soil health and soil organic matter content	Ac	\$3.66
E345114Z - Reduced tillage to increase plant-available moisture: irrigation water	Ac	\$2.74
E345115Z - Reduced tillage to increase plant-available moisture: moisture management	Ac	\$2.74
E345128Z - Reduced tillage to reduce tillage induced particulate matter	Ac	\$2.74
E345144Z - Reduced tillage to reduce energy use	Ac	\$2.74

## Residue and Tillage Management, No Till

Code: 329

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

Payment is based on contracted acres and must adhere to the conservation practice standard for the length of the contract. Contractually, the annual payment will be initiated once the practice has been implemented and will continue through the life of the CSP contract. Example: An 80-acre field using the management activity listed below. The payment will commence once the activity has been installed and will continue for the remainder of the CSP contract on these 80 acres.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
No-Till/Strip-Till	Ac	\$2.17

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description – Enhancements	Payment Unit	Payment Rate
E329101Z - No till to reduce water erosion	Ac	\$2.74
E329102Z - No till system to reduce wind erosion	Ac	\$2.74
E329106Z - No till system to increase soil health and soil organic matter content	Ac	\$3.66
E329114Z - No till to increase plant-available moisture: irrigation water	Ac	\$2.74
E329115Z - No till to increase plant-available moisture: moisture management	Ac	\$2.74
E329128Z - No till to reduce tillage induced particulate matter	Ac	\$2.74
E329144Z - No till to reduce energy	Ac	\$3.66

## Restoration and Management of Rare and Declining Habitats

Code: 643

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

None

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Monitoring and Management, with Foregone Income	Ac	\$2.69
Wildlife Enhancement, Livestock Exclusion (FI)	Ac	\$2.43

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E643139X - Creating native plant refugia	Ft	\$7.09

## Riparian Forest Buffer

Code: 391

Practice Lifespan: 15 years

### Typical Associated Practices:

If fabric weed barrier is needed, payment will be made using Mulch (484).

### Practice Clarifications:

- a. Practice payment includes seedbed preparation, tree planting, and trees/shrubs.
- b. One acre at 16 foot spacing is 2,722.5 LnFt of trees.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Bare-root, machine planted	Ac	\$145.22
Bare-root, hand planted	Ac	\$229.50
Cuttings	Ac	\$447.87

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E391118Z - Increase riparian forest buffer width for nutrient reduction	Ac	\$1,733.20
E391126Z - Increase riparian forest buffer width to reduce sediment loading	Ac	\$1,752.79
E391127Z - Increase stream shading for stream temperature reduction	Ac	\$1,752.79
E391136Z - Increase riparian forest buffer width to enhance wildlife habitat	Ac	\$1,752.79



## Riparian Herbaceous Cover

Code: 390

Practice Lifespan: 5 years

### Typical Associated Practices:

Payment for weed control performed after planting will be through Herbaceous Weed Control (315).

### Practice Clarifications:

Practice payment includes seedbed preparation, seeding operation, seed, and deferment.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Native Species with foregone income	Ac	\$16.43

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E390118Z - Increase riparian herbaceous cover width for nutrient reduction	Ac	\$457.74
E390126Z - Increase riparian herbaceous cover width to reduce sediment loading	Ac	\$457.74
E390136Z - Increase riparian herbaceous cover width to enhance wildlife habitat	Ac	\$681.14

## Road/Trail/Landing Closure and Treatment

Code: 654

Practice Lifespan: 10 years

### Typical Associated Practices:

Payment for weed control performed after planting will be through Herbaceous Weed Control (315).

### Practice Clarifications:

Practice payment includes seedbed preparation, seeding operation, seed, and deferment.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Road/Trail/Landing Closure and Treatment, <35% hillslope	Ft	\$0.58
Road/Trail removal and restoration (vegetative)	Ft	\$0.26

No enhancements associated with this practice.

## Roof Runoff Structure

Code: 558

Practice Lifespan: 15 years

### Typical Associated Practices:

None

### Practice Clarifications:

None

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Roof Gutter	Ft	\$0.47

No enhancements associated with this practice.

## Salinity and Sodic Soil Management

Code: 610

Practice Lifespan: 1 year

### Typical Associated Practices:

If a permanent vegetative cover is required, use Forage and Biomass Planting (512), Critical Area Planting (342), or Range Planting (550).

### Practice Clarifications:

Payment is based on contracted acres and must adhere to the conservation practice standard for the length of the contract. Contractually, the annual payment will be initiated once the practice has been implemented and will continue through the life of the CSP contract. Example: 80-acre field using any management activities listed below. The payment will commence once the activity has been installed and will continue through the remainder of the CSP contract on these 80 acres.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Soil Management (non-Irrigated)	Ac	\$1.83
Soil Management (non-Irrigated) (FI – 1 yr)	Ac	\$3.00
Soil Management (Irrigated)	Ac	\$2.63
Soil Management (Irrigated) (FI)	Ac	\$8.91

No enhancements associated with this practice.

## Saturated Buffer

Code: 604

Practice Lifespan: 15 years

### Typical Associated Practices:

- a. Use Conservation Cover (327) or Critical Area Planting (342) to establish permanent vegetation.
- b. Use Drainage Water Management (554) to develop an operation plan

### Practice Clarifications:

- a. Do not use Structure for Water Control (587) in addition to this scenario.
- b. The feet (Ft) payment unit is the length of the dispersal pipe.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
		Traditional
Saturated Buffer	Ft	\$0.84

No enhancements associated with this practice.

## Spring Development

Code: 574

Practice Lifespan: 20 years

### Typical Associated Practices:

- c. Use Watering Facility (614) for tanks.
- d. Use Livestock Pipeline (516) for livestock pipelines.

### Practice Clarifications:

- a. None

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
		Traditional
Spring, > 50 ft Collection	Ea	\$523.20
Spring, up to 50 ft Collection	Ea	\$344.05

No enhancements associated with this practice.

## Sprinkler System

Code: 442

Practice Lifespan: 15 years

### Typical Associated Practices:

- e. Use Irrigation Pipeline (430) for the pipe from the water source to the pivot.
- f. Use Pumping Plant (533) for any modifications to the pumping plant.

### Practice Clarifications:

- b. The payments include the emitters, filters, feeder pipe, and appurtenances.
- c. The Each payment unit for the “System Renovation, Renozzle with drops” scenario is the number of nozzles installed.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
		Traditional
Gravity to Pivot Conversion	Ft	\$8.06
System Renovation, Renozzle with Drops	Ea	\$4.37
Gravity to Pivot Conversion with VRI	Ft	\$9.67
VRI System Retrofit Zone	Ft	\$1.99
VRI System Retrofit Speed	Ft	\$0.34

No enhancements associated with this practice.

## Stream Crossing

Code: 578

Practice Lifespan: 10 years

### Typical Associated Practices:

None

### Practice Clarifications:

The square foot (SqFt) payment unit is the area.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Low water crossing, rock armor	SqFt	\$0.40
Low water crossing, concrete slab	SqFt	\$0.68
Low water crossing, concrete block	SqFt	\$0.79
Low water crossing, geocell	SqFt	\$0.39

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E578139X - Stream crossing elimination	Ea	\$7,319.17



## Streambank and Shoreline Protection

Code: 580

Practice Lifespan: 20 years

### Typical Associated Practices:

Use Critical Area Planting (342) to establish permanent vegetative cover.

### Practice Clarifications:

- a. The cubic yard (CuYd) payment unit is the volume of riprap.
- b. The linear feet (LnFt) payment unit is the linear feet of the streambank or shoreline.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Bioengineered	Ft	\$2.60
Rock Riprap	CuYd	\$6.69
Gabion	Ft	\$46.96

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description – Enhancements	Payment Unit	Payment Rate
E580105Z - Stream corridor bank stability improvement	Ac	\$1,826.35
E580137Z - Stream corridor bank vegetation improvement	Ac	\$1,826.35

## Structure for Water Control

Code: 587

Practice Lifespan: 20 years

### Typical Associated Practices:

This practice may be used in conjunction with Drainage Water Management (554) to install drainage structures.

### Practice Clarifications:

- a. Use the “Buried Automatic Valve” activity for inline water level control valves (watergates).
- b. For the “Inlet Flashboard Riser, Metal” and “Inline Flashboard Riser, Metal” and “Commercial Inline Flashboard Riser” activities, the payment unit is the weir length in inches multiplied by the length of the pipe in feet (diameter inch foot). For the inline structures the pipe length would include both the inlet and outlet sections. For Drainage Water Management (554) applications, use a maximum inlet/outlet length of 50 linear feet.
- c. The payment unit for the “Culvert” scenarios is based on the pipe diameter in inches multiplied by the length of the pipe in feet (diameter inch foot).
- d. Use “Culvert <30 inches HDPE” for any plastic pipe installation.
- e. The “Rock Check” or “Earth Check” activities are small, less than three feet high, structures constructed in existing, recently formed and active, minor gullies located near the upper end of a watershed. Multiple structures are generally required, with downstream structures placed to force tail water at an upstream structure. The furthest upstream structure is located to control existing head cutting.
- f. The payment rate for the “Flow Meter” activities are based on the diameter of the flow meter in inches.
- g. The “Slide Gate – Flood Dike” activity is the length of pipe to be constructed through the flood protection dike.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
		Traditional
Inlet Flashboard Riser, Metal	DialnFt	\$0.28
Inline Flashboard Riser, Metal	DialnFt	\$0.33
Commercial Inline Flashboard Riser	DialnFt	\$0.35
Culvert <30 inches HDPE	DialnFt	\$0.37
Culvert <30 inches CMP	DialnFt	\$0.43
Slide Gate - Flood Dike	Ft	\$5.29
Flow Meter with Mechanical Index	In	\$20.00
Flow Meter with Electronic Index	In	\$38.75
Flow Meter with Electronic Index & Telemetry	In	\$54.07
Rock Check	Ea	\$104.37
Buried Automatic Valve	Ea	\$79.24

No enhancements associated with this practice.

## Structure for Wildlife

Code: 649

Practice Lifespan: 5 years

### Typical Associated Practices:

None

### Practice Clarifications:

- a. The "Escape Ramp" activity is only for escape ramps in existing tanks. The payment for escape ramps in new tanks is included within the Watering Facility (614) payments.
- b. The "Fence Markers, Vinyl Undersill" activity is only for fence markers on existing fences. The payment for fence markers on new fences is included within the Fence (382) payments.

### Practice Payment Schedule:

Activity Description	Payment Unit	Payment Rate
		Traditional
Escape Ramp	Ea	\$4.09
Fence Markers, Vinyl Undersill	Ft	\$0.01

No enhancements associated with this practice.

## Tree/Shrub Site Establishment

Code: 612

Practice Lifespan: 15 years

### Typical Associated Practices:

None

### Practice Clarifications:

None

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Individual tree – hand planting	Ea	\$0.12
Trees, Machine planted- no tubes	Ea	\$0.28

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E612126Z - Cropland conversion to trees or shrubs for long term improvement of water quality	Ac	\$804.11
E612130Z - Planting for high carbon sequestration rate	Ac	\$1,040.83
E612132Z - Establishing tree/shrub species to restore native plant communities	Ac	\$645.32
E612133X1 - Adding food-producing trees and shrubs to existing plantings	Ac	\$165.36
E612133X2 - Cultural plantings	Ac	\$1,444.81
E612133X3 - Sugarbush management	Ac	\$631.72
E612136Z - Tree/shrub planting for wildlife food	Ac	\$1,295.56
E612137Z - Tree/shrub planting for wildlife cover	Ac	\$1,295.56

## Tree/Shrub Site Preparation

Code: 490

Practice Lifespan: 1 year

### Typical Associated Practices:

Use with both Windbreak/Shelterbelt Establishment (380) and Windbreak/Shelterbelt Renovation (650).

### Practice Clarifications:

- a. Payment limited to either mechanical or chemical site preparation, not both.
- b. One-time payment following the preparation of the site, which may include one or more tillage operations or chemical applications performed during the year.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate Traditional
Windbreak, mechanical only	Ac	\$8.97
Windbreak, chemical only	Ac	\$6.87

**No enhancements associated with this practice.**

## Underground Outlet

Code: 620

Practice Lifespan: 20 years

### Typical Associated Practices:

- a. Use Terrace (600) for construction of terraces.
- b. Use Water and Sediment Control Basin (638) for construction of basins.

### Practice Clarifications:

- a. The foot (Ft) payment unit is the length of the underground outlet.
- b. Use the "6 inch or smaller Single Wall PE w Riser" activity for all types of underground outlets 6" or smaller.
- c. Use the "8 inch - 10-inch PVC or DW w Riser" activity for all types of underground outlets from 8" to 10".
- d. Use the "12 inch - 18-inch PVC or DW w Riser" activity for all types of underground outlets 12" and larger.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate Traditional
8 inch - 10-inch PVC or DW w Riser	Ft	\$1.66
6 inch or smaller Single Wall PE w Riser	Ft	\$0.45
12 inch - 18-inch PVC or DW w Riser	Ft	\$2.52

**No enhancements associated with this practice**

## Upland Wildlife Habitat Management

Code: 645

Practice Lifespan: 1 year

### Typical Associated Practices:

None

### Practice Clarifications:

- a. "Wildlife Habitat Enhancement (FI)":
  - i. Livestock exclusion for a period of 12 or more months for the identified wildlife species for the enhancement of wildlife habitat.
  - ii. Implemented as part of a wildlife habitat enhancement system and must be used in conjunction with other practices.
  - iii. May be used in conjunction with Prescribed Grazing (528). However, payments cannot be made on the same acreage at the same time period.
  - iv. One-time payment following implementation.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Monitoring, Management, Foregone Income	Ac	\$2.66
Establishment of seasonal wildlife forage or cover on cropland, no FI	Ac	\$9.20
Wildlife Habitat Enhancement (FI)	Ac	\$2.43
Interseeding Milkweed into Existing Habitat	Ac	\$39.48

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E645137Z - Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	Ac	\$41.03

## Watering Facility

Code: 614

Practice Lifespan: 10 years

### Typical Associated Practices:

- a. Use Heavy Use Area Protection (561) for the gravel or concrete apron beyond the edge of the tank. The concrete foundation beneath the tank is considered to be a part of the watering facility.
- b. Wildlife escape ramps are included in the payments. For the installation of escape ramps on existing watering facilities, use Structure for Wildlife (649).

### Practice Clarifications:

- a. Use "Rubber Tire Tank on Concrete" for **ALL** tank types except for "Steel Rim", "Water Fountain", "Insulated Tank with Cover", and "Enclosed Storage Tank"
- b. The gallon (Gal) payment is the capacity of the tank on the construction plans.
- c. The "Water Fountain" activity is a commercially manufactured automatic waterer. This does not include conventional tire or fiberglass tanks insulated for winter use; use "Insulated Tank with Cover" for winter use tanks.
- d. Use "Enclosed Storage Tank" for all centrally located water storage.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Rubber Tire Tank on Concrete	Gal	\$0.18
Steel Rim Tank - Bottomless	Gal	\$0.04
Steel Rim Tank - Concrete Base	Gal	\$0.13
Water Fountain	Ea	\$185.21
Insulated Tank with Cover	Gal	\$0.41
Enclosed Storage Tank	Gal	\$0.17

No enhancements associated with this practice.



# Wetland Wildlife Habitat Management

Code: 644

Practice Lifespan: 1 year

## Typical Associated Practices:

None

## Practice Clarifications:

None

## Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate Traditional
Management and monitoring only, foregone income (FI)	Ac	\$25.43

## Enhancement Clarifications:

See specific enhancement activity sheets.

## Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E644136Z - Managing flood irrigated landscapes for wildlife food	Ac	\$21.71

## Windbreak/Shelterbelt Establishment

Code: 380

Practice Lifespan: 15 years

### Typical Associated Practices:

Does not include the cost of installing fabric weed barrier. If needed, see Mulch (484).

### Practice Clarifications:

- a. Practice payment based on total length of all rows planted, not the length of the windbreak.
- b. "Trees, machine planted, wildlife protection" – May be used for instances of hand plant with wildlife protection. Calculate the linear feet of the hand planted rows for payment.

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate Traditional
Hand Planted, Bare Root	Ea	\$0.20
Trees, machine planted	Ft	\$0.03
Trees, machine planted, wildlife protection	Ft	\$0.08

No enhancements associated with this practice.

## Windbreak/Shelterbelt Renovation

Code: 650

Practice Lifespan: 15 years

### Typical Associated Practices:

None

### Clarifications:

- a. Tree Removal Activities- requires the removal of all degraded or inappropriate trees or shrubs within a windbreak.
  - i. All slash material is scattered and crushed, piled and crushed, or chipped and removed from the treatment area.
- b. "Sod Release" - Includes only the sod release between existing rows. Does not include tree/shrub replacement.
- c. "Supplemental Plantings, Machine" - for the replacement of existing rows (following tree/shrub removal) and/or adding supplemental row(s) to existing windbreak to improve effectiveness and longevity.
- d. "Thinning" - selective removal of trees and understory vegetation in existing windbreak to improve species composition and structure. Payment is based on the length of the row treated by thinning. Example: one 1,000-foot row with 800 feet of treatment, the remaining 200 feet is not thinned, payment is based on 800 LnFt.

### Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Sod Release	Ft	\$0.01
Thinning	Ft	\$0.04
Removal > 8 inches DBH with Dozer	Ft	\$0.28
Coppicing – less than 50 percent of the windbreak	Ft	\$0.09
Coppicing – greater than 50 percent of the windbreak	Ft	\$0.12
Supplemental Plantings-Machine	Ft	\$0.03
Supplemental Plantings-Machine, Wildlife Protection	Ft	\$0.08
Hand Planted, Bare Root	Ft	\$0.03

No enhancements associated with this practice.

## Woody Residue Treatment

Code: 384

Practice Lifespan: 10 years

### Typical Associated Practices:

None

### Practice Clarifications:

None

### Practice Payment Schedule:

Activity Description - Practices	Payment Unit	Payment Rate
Chipping and hauling off-site	Ac	\$27.77
Forest Slash Treatment – Med/Heavy	Ac	\$21.63

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description - Enhancements	Payment Unit	Payment Rate
E384135Z - Biochar production from woody residue	Ac	\$4,440.25

## Buffer Bundle #1

Code: B000BFF1

Lifespan: 5 years

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Buffer Bundle #1</b> - Extend existing buffers to address water quality degradation, fish/wildlife inadequate habitat, and/or air quality impacts	Ac	\$2,350.27
<b>Required</b>		
E393118Z - Extend existing filter strip to reduce excess nutrients in surface water		
E327136Z1 - Conservation cover to provide food habitat for pollinators and beneficial insects		
<b>Do one of the following</b>		
E612130Z - Planting for high carbon sequestration rate		
E612136Z - Tree/shrub planting for wildlife food		

## Buffer Bundle #2

Code: B000BFF2

Lifespan: 5 years

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Buffer Bundle #2</b> - Extend existing buffers to address water quality degradation, fish/wildlife inadequate habitat, and/or air quality impacts	Ac	\$1,687.84
<b>Required</b>		
E393126Z - Extend existing filter strip to reduce excess sediment in surface water		
E327137Z - Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects		
<b>Do one of the following</b>		
E612130Z - Planting for high carbon sequestration rate		
E612136Z - Tree/shrub planting for wildlife food		

## Cropland Bundle #10 – YEAR 1 Irrigated Cropland (MRBI/Ogallala)

Code: B000CPL10

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #10 -</b>	Ac	\$144.74
<b>Required</b>		
E449114Z8 - Advanced Automated IWM - Year 1 - Equipment and soil moisture is monitored, recorded and used in decision making		
E449144Z - Complete pumping plant evaluation for all pumps on a farm.		
<b>Do one of the following</b>		
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water		
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater		
<b>Do one of the following</b>		
E340101Z - Cover crop to reduce water erosion		
E340102Z - Cover crop to reduce wind erosion		

## Cropland Bundle #11 – YEAR 2+ Irrigated Cropland (MRBI/Ogallala)

Code: B000CPL11

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #11 -</b>	Ac	\$46.22
<b>Required</b>		
E449114Z7 - Advanced Automated IWM - Year 2-5, Soil moisture is monitored, recorded and used in decision making		
<b>Do one of the following</b>		
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water		
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater		
<b>Do one of the following</b>		
E340101Z - Cover crop to reduce water erosion		
E340102Z - Cover crop to reduce wind erosion		



## Cropland Bundle #12 – Non-Irrigated Precision Ag (MRBI)

Code: B000CPL12

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #12 -</b>	Ac	\$48.35
<b>Required</b>		
E595116X - Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques		
<b>Do one of the following</b>		
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water		
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater		
<b>Do one of the following</b>		
E340101Z - Cover crop to reduce water erosion		
E340102Z - Cover crop to reduce wind erosion		
<b>Do one of the following</b>		
E329106Z - No till system to increase soil health and soil organic matter content		
E345106Z - Reduced tillage to increase soil health and soil organic matter content		

## Cropland Bundle #13 – Non-Irrigated Cropland (MRBI)

Code: B000CPL13

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #13</b>	Ac	\$32.46
<b>Required</b>		
E595116Z - Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques		
<b>Do one of the following</b>		
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water		
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater		
<b>Do one of the following</b>		
E340101Z - Cover crop to reduce water erosion		
E340102Z - Cover crop to reduce wind erosion		

## Cropland Bundle #14 – YEAR 1 Irrigated Precision Ag Cropland (MRBI)

Code: B000CPL4

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #14</b>	Ac	\$152.84
<b>Required</b>		
E449114Z8 - Advanced Automated IWM - Year 1 - Equipment and soil moisture is monitored, recorded and used in decision making		
E449144Z - Complete pumping plant evaluation for all pumps on a farm.		
<b>Do one of the following</b>		
E590118X - Reduce risks of nutrient losses to surface water by utilizing precision ag technologies		
E590119X - Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies		
<b>Do one of the following</b>		
E340101Z - Cover crop to reduce water erosion		
E340102Z - Cover crop to reduce wind erosion		

## Cropland Bundle #15 – YEAR 2+ Irrigated Precision Ag Cropland (MRBI)

Code: B000CPL15

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #15 -</b>	Ac	\$54.32
<b>Required</b>		
E449114Z7 - Advanced Automated IWM - Year 2-5, Soil moisture is monitored, recorded and used in decision making		
<b>Do one of the following</b>		
E590118X - Reduce risks of nutrient losses to surface water by utilizing precision ag technologies		
E590119X - Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies		
<b>Do one of the following</b>		
E340101Z - Cover crop to reduce water erosion		
E340102Z - Cover crop to reduce wind erosion		

## Cropland Bundle #16 – Non-Irrigated Cropland with Water Bodies (MRBI)

Code: B000CPL16

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #16 -</b>	Ac	\$42.76
<b>Required</b>		
E595116Z - Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques		
<b>Do one of the following</b>		
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water		
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater		
<b>Do one of the following</b>		
E340101Z - Cover crop to reduce water erosion		
E340102Z - Cover crop to reduce wind erosion		
<b>Do one of the following</b>		
E329106Z - No till system to increase soil health and soil organic matter content		
E345106Z - Reduced tillage to increase soil health and soil organic matter content		
<b>Do one of the following</b>		
E390118Z - Increase riparian herbaceous cover width for nutrient reduction		
E390126Z - Increase riparian herbaceous cover width to reduce sediment loading		
E393126Z - Extend existing filter strip to reduce excess sediment in surface water		

## Cropland Bundle #17 – Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)

Code: B000CPL17

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #17 -</b>	Ac	\$75.68
<b>Required</b>		
E595116Z - Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques		
<b>Do one of the following</b>		
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water		
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater		
<b>Do one of the following</b>		
E340101Z - Cover crop to reduce water erosion		
E340102Z - Cover crop to reduce wind erosion		
<b>Do one of the following</b>		
E329106Z - No till system to increase soil health and soil organic matter content		
E345106Z - Reduced tillage to increase soil health and soil organic matter content		
<b>Do one of the following</b>		
E391118Z - Increase riparian forest buffer width for nutrient reduction		
E391126Z - Increase riparian forest buffer width to reduce sediment loading		

## Cropland Bundle #18 – Precision Ag

Code: B000CPL18

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #18 -</b>	Ac	\$49.27
<b>Required</b>		
E595116Z - Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques		
<b>Do one of the following</b>		
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water		
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater		
<b>Do one of the following</b>		
E340101Z - Cover crop to reduce water erosion		
E340102Z - Cover crop to reduce wind erosion		
<b>Do one of the following</b>		
E329106Z - No till system to increase soil health and soil organic matter content		
E345106Z - Reduced tillage to increase soil health and soil organic matter content		
<b>Do one of the following</b>		
E390118Z - Increase riparian herbaceous cover width for nutrient reduction		
E390126Z - Increase riparian herbaceous cover width to reduce sediment loading		
E393126Z - Extend existing filter strip to reduce excess sediment in surface water		

## Cropland Bundle #19 – Soil Health Precision Ag

Code: B000CPL19

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #19</b>	Ac	\$45.46
<b>Required</b>		
E595116X - Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques		
E328106Z1 - Soil health crop rotation		
E327136Z1 - Conservation cover to provide food habitat for pollinators and beneficial insects		
<b>Do one of the following</b>		
E590118X - Reduce risks of nutrient losses to surface water by utilizing precision ag technologies		
E590119X - Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies		
<b>Do one of the following</b>		
E329115Z - No till to increase plant-available moisture: moisture management		
E345115Z - Reduced tillage to increase plant-available moisture: moisture management		



## Cropland Bundle #20 – Soil Health Assessment

Code: B000CPL20

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #20</b>	Ac	\$35.02
<b>Required</b>		
E595116Z - Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques		
E328106Z2 - Modifications to improve soil health and increase soil organic matter		
E327136Z1 - Conservation cover to provide food habitat for pollinators and beneficial insects		
<b>Do one of the following</b>		
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water		
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater		
<b>Do one of the following</b>		
E329115Z - No till to increase plant-available moisture: moisture management		
E345115Z - Reduced tillage to increase plant-available moisture: moisture management		

## Cropland Bundle #21 – Crop Bundle (Organic)

Code: B000CPL21

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #21</b>	Ac	\$50.19
<b>Required</b>		
E484106Z - Mulching to improve soil health		
E595116Z - Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques		
E393126Z - Extend existing filter strip to reduce excess sediment in surface water		
E612133X1 - Adding food-producing trees and shrubs to existing plantings		
<b>Do one of the following</b>		
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water		
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater		

## Cropland Bundle #22 – Erosion Bundle (Organic)

Code: B000CPL22

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Crop Bundle #22</b>	Ac	\$40.71
<b>Required</b>		
E328106Z1 - Soil health crop rotation		
E345106Z - Reduced tillage to increase soil health and soil organic matter content		
E595116Z - Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques		
<b>Do one of the following</b>		
E590118Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water		
E590119Z - Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater		
<b>Do one of the following</b>		
E340101Z - Cover crop to reduce water erosion		
E340102Z - Cover crop to reduce wind erosion		
<b>Do one of the following</b>		
E327136Z1 - Conservation cover to provide food habitat for pollinators and beneficial insects		
E327137Z - Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects		

## Forest Bundle #1

Code: B000FST1

Lifespan: 10 years

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Forest Bundle #1</b> - Address forest management on sites that are not adapted to natural fire disturbances. Address resource concerns air quality impacts, degradation, degraded plant conditions and fish/wildlife inadequate habitat	Ac	\$87.84
<b>Required</b>		
E666130Z - Increase on-site carbon storage		
E666132Z1 - Crop tree management for mast production		
E666137Z1 - Snags, den trees, and coarse woody debris for wildlife habitat		
E666137Z2 - Summer roosting habitat for native forest-dwelling bat species		
E612137Z - Tree/shrub planting for wildlife cover		

## Grazing Bundle #1 – Range and Pasture

Code: B000GRZ1

Lifespan: 1 year

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Grazing Bundle #1</b> Range and Pasture	Ac	\$83.89
<b>Required</b>		
E528105Z - Prescribed grazing that improves or maintains riparian and watershed function-erosion		
E315134Z - Herbaceous weed control (plant pest pressures) for desired plant communities/habitats		
E645137Z - Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat		

## Grazing Bundle #2 – Range and Pasture

Code: B000GRZ2

Lifespan: 1 year

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Grazing Bundle #2</b>	Ac	\$2,180.77
<b>Required</b>		
E472118Z - Manage livestock access to streams/ditches/other waterbodies to reduce nutrients in surface water		
E382136Z - Incorporating 'wildlife friendly' fencing for connectivity of wildlife food resources		
E580105Z - Stream corridor bank stability improvement		

## Grazing Bundle #3 – Range and Pasture

Code: B000GRZ3

Lifespan: 1 year

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Grazing Bundle #3</b>	Ac	\$1,740.43
<b>Required</b>		
E472118Z - Manage livestock access to streams/ditches/other waterbodies to reduce nutrients in surface water		
E390136Z -Increase riparian herbaceous cover width to enhance wildlife habitat		
E580105Z -Stream corridor bank stability improvement		

## Grazing Bundle #4 – Range and Pasture

Code: B000GRZ4

Lifespan: 1 year

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Grazing Bundle #4</b>	Ac	\$2,870.98
<b>Required</b>		
E472118Z - Manage livestock access to streams/ditches/other waterbodies to reduce nutrients in surface water		
E391136Z - Increase riparian forest buffer width to enhance wildlife habitat		
E580105Z - Stream corridor bank stability improvement		



## Grazing Bundle #5– Range and Pasture

Code: B000GRZ5

Lifespan: 1 year

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Grazing Bundle #5</b>	Ac	\$5.98
<b>Required</b>		
E528140Z1 - Maintaining quantity and quality of forage for animal health and productivity		
E315134Z - Herbaceous weed control (plant pest pressures) for desired plant communities/habitats		
E645137Z - Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat		

## Longleaf Pine Bundle #1

Code: B000LLP1

Lifespan: 1 year

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Longleaf Pine Bundle #1</b> - Improve conifer forest health through prescribed burning and prescribed grazing management. Address water quality degradation, degraded plant condition and fish/wildlife inadequate habitat.	Ac	\$102.57
<b>Required</b>		
E666137Z1 - Snags, den trees, and coarse woody debris for wildlife habitat		
E338137Z1 - Sequential patch burning		
E472118Z - Manage livestock access to streams/ditches/other waterbodies to reduce nutrients in surface water		
E314133Z - Brush management for improved structure and composition		
E3911126Z - Increase riparian forest buffer width to reduce sediment loading		

## Longleaf Pine Bundle #2

Code: B000LLP2

Lifespan: 1 year

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Longleaf Pine Bundle #2</b> - Improve conifer forest health through prescribed burning and forest stand management. Address air quality impacts, degraded plant condition and fish/wildlife inadequate habitat.	Ac	\$93.54
<b>Required</b>		
E666137Z1 - Snags, den trees, and coarse woody debris for wildlife habitat		
E338137Z1 - Sequential patch burning		
E666133Z1 - Creating structural diversity with patch openings		
E666130Z - Increase on-site carbon storage		
E327136Z1 - Conservation cover to provide food habitat for pollinators and beneficial insects		

### Longleaf Pine Bundle #3

Code: B000LLP3

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Longleaf Pine Bundle #3</b> - Improve forest health and wildlife habitat through forest stand management. Address air quality impacts, degraded plant condition and fish/wildlife inadequate habitat.	Ac	\$120.47
<b>Required</b>		
E666137Z1 - Snags, den trees, and coarse woody debris for wildlife habitat		
E338137Z1 - Sequential patch burning		
E666133Z1 - Creating structural diversity with patch openings		
E666130Z - Increase on-site carbon storage		
E645137Z - Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat		

## Longleaf Pine Bundle #4

Code: B000LLP4

Lifespan: 1 year

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Longleaf Pine Bundle #4</b> - Improves forest health and wildlife habitat through conversion of forest stands that are not predominantly longleaf pine. Address insufficient water, degraded plant condition, and fish/wildlife inadequate habitat.	Ac	\$482.65
<b>Required</b>		
E666115Z1 - Converting loblolly and slash pine plantations to longleaf pine to retain soil moisture		
E338137Z1 - Sequential patch burning		
E666133Z1 - Creating structural diversity with patch openings		
E666137Z1 - Snags, den trees, and coarse woody debris for wildlife habitat		
E666136Z2 - Reduce forest stand density to improve wildlife food sources		

## Longleaf Pine Bundle #5

Code: B000LLP5

Lifespan: 1 year

**Enhancement Clarifications:**

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Longleaf Pine Bundle #5</b> - Improves conifer forest health through prescribed burning and forest stand management, and reduction of pine straw raking. Address soil quality degradation, degraded plant condition, insufficient water, and fish/wildlife inadequate habitat.	Ac	\$473.66
<b>Required</b>		
E666137Z1 - Snags, den trees, and coarse woody debris for wildlife habitat		
E666133Z1 - Creating structural diversity with patch openings		
E338137Z1 - Sequential patch burning		
E666106Z1 - Implementing sustainable practices for pine straw raking		
E666115Z2 - Enhance development of the forest understory to improve site moisture		

## Pasture Bundle #5

Code: B000PST5

Lifespan: 1 year

### Enhancement Clarifications:

See specific enhancement activity sheets.

### Enhancement Payment Schedule:

Activity Description	Payment Unit	Payment Rate
<b>Pasture Bundle #5</b>	Ac	\$60.62
<b>Required</b>		
E315134Z - Herbaceous weed control (plant pest pressures) for desired plant communities/habitats		
E645137Z - Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat		
<b>Adopt Where Applicable</b>		
E528118Z1 - Prescribed grazing that maintains/improves riparian/watershed function impairment from nutrients		
E528122Z - Prescribed grazing that maintains/improves riparian/watershed function-pathogens/chemicals		

## Range Bundle #4

Code: B000RNG4

Lifespan: 1 year

### Enhancement Clarifications:

See specific enhancement activity sheets.

**Enhancement Payment Schedule:**

Activity Description	Payment Unit	Payment Rate
<b>Range Bundle #4</b>	Ac	\$81.66
<b>Required</b>		
E315134Z - Herbaceous weed control (plant pest pressures) for desired plant communities/habitats		
E645137Z - Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat		
<b>Adopt Where Applicable</b>		
E528101Z - Improved grazing management for water erosion through monitoring activities		
E528102Z - Improved grazing management for wind erosion through monitoring activities		
E528107Z - Improved grazing management for soil compaction on rangeland through monitoring activities		