

**2017 Colorado Pressurized Irrigation Small Hydropower Regional Conservation Partnership Program (RCPP-EQIP)**

**Eligible Practice List and Payment Rates**

Conservation planners strive to achieve the most cost-effective practice and level of treatment. If the applicant requests a practice treatment that is not needed or feasible for the resource concern, the practice and/or level of treatment is not

NRCS planners will make the technical decision on which practice scenario and payment rate best represents the project treatment.

Additional description detail on payment scenarios/components are available on Colorado e-FOTG, Section I, Cost Data, Payment Templates.

This RCPP Project has practice payment limitations in place for 325 High Tunnel, 328 Conservation Crop Rotation, 329 Residue & Tillage Management, 430 Irrigation Pipeline, 441 Irrigation System Micro Irrigation, 442 Sprinkler System, 449 Irrigation Water Management, 528 Prescribed Grazing, 590 Nutrient Management, 595 Integrated Pest Management, 643 Restoration and Management of Rare and Declining Habitats, 644 Wetland Wildlife Management, 645 Upland Wildlife Habitat Management, and 646 Shallow Water Management. Payment limitations are listed below under the Conservation Practice. Planners will use the "Contract Cap" function in ProTracts to apply practice payment limits. These limits will be applied before the contract can be obligated.

Component	Unit	RCPP-EQIP	RCPP-EQIP HU
<b>309 Agrichemical Handling Facility</b>			
Concrete Pad For Mixing and Loading	sq ft	\$5.95	\$7.14
Earthen Liquid Storage With A Concrete Handling Pad	sq ft	\$2.61	\$3.13
Enclosed building for storage and handling	sq ft	\$15.77	\$18.92
Existing Building, Addition of Storage With Handling Pad	sq ft	\$9.31	\$11.18
Fabricated Liquid Storage With Adjacent Concrete Handling Pad	sq ft	\$7.36	\$8.83
For Greenhouse, Pallet Drum Storage And Poly Pad For Handling	sq ft	\$14.65	\$17.57
Outdoor Liquid Agrichemical Storage with a Roofed Building for Dry Chemical Storage and Handling Pad	sq ft	\$6.45	\$7.74

**311 Alley Cropping**

Alley Cropping-single row	Ea	\$18.50	\$22.20
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**313 Waste Storage Facility**

Above Ground Steel or Concrete, between 100 and 200K ft3 storage	cu ft	\$1.55	\$1.87
Above Ground Steel or Concrete, greater than 200K ft3 storage	cu ft	\$1.62	\$1.94
Above Ground Steel or Concrete, less than 25K ft3 storage	cu ft	\$5.01	\$6.02
Above Ground Steel or Concrete, between 25 and 100K ft3 storage	cu ft	\$1.95	\$2.33
Composted Bedded Pack, Concrete Floor, Concrete Wall	sq ft	\$7.91	\$9.49
Composted Bedded Pack, Earthen Floor, Concrete Wall	sq ft	\$3.81	\$4.57
Conc Tank, Buried, between 15K and 25K	cu ft	\$1.57	\$1.88
Conc Tank, Buried, between 25K and 50K	cu ft	\$1.28	\$1.53
Conc Tank, Buried, between 50K and 75K	cu ft	\$1.13	\$1.35
Conc Tank, Buried, between 5K and 15K	cu ft	\$2.00	\$2.40
Conc Tank, Buried, between 75K and 110K	cu ft	\$1.00	\$1.20
Conc Tank, Buried, greater than 110K	cu ft	\$0.93	\$1.11
Concrete Tank, Buried, less than 5K	cu ft	\$5.01	\$6.01
Dry Stack, concrete floor, no wall	sq ft	\$3.69	\$4.43
Dry Stack, concrete floor, wood or concrete wall	sq ft	\$5.23	\$6.27
Dry stack, earthen floor, wood or concrete wall	sq ft	\$1.91	\$2.30
Drystack, earthen floor, no wall	sq ft	\$0.38	\$0.46

Earthen Storage Facility, less than 50K ft3 Storage	cu ft	\$0.24	\$0.29
Earthen Storage Facility, greater than 50K ft3 Storage	cu ft	\$0.19	\$0.23
Earthen Storage Facility, High Water Table	cu ft	\$0.90	\$1.07

### 314 Brush Management

NOTE: Small shrubs are those with an average height less than 6 feet. Large shrubs are those with an average height of 6 feet or more. Light infestation are represented as less than 10% departure from the maximum range in the ESD; a medium infestation is a 10-30% departure; and a heavy infestation is a departure greater than 30%. The 'Split-method' event series should be used when application of a single or multiple method occurs over more than one year.

Chemical - Ground Applied	ac	\$41.30	\$48.76
Chemical, Aerial Applied	ac	\$43.02	\$50.81
Chemical, Aerial Applied Salt Cedar	ac	\$66.60	\$78.52
Chemical, Individual Plant Treatment	ac	\$118.61	\$141.52
Juniper Chaining, one pass	ac	\$61.56	\$73.65
Juniper Chaining, two pass	ac	\$116.04	\$139.25
Mechanical & Chemical, Small Shrubs, Heavy Infestation	ac	\$89.60	\$106.70
Mechanical & Chemical, Small Shrubs, Light Infestation	ac	\$67.40	\$80.08
Mechanical & Chemical, Small Shrubs, Medium Infestation	ac	\$77.52	\$92.21
Mechanical, Hand tools	ac	\$81.62	\$97.13
Mechanical, Large Shrubs, Heavy Infestation	ac	\$342.15	\$409.78
Mechanical, Large Shrubs, Light Infestation	ac	\$168.92	\$201.90
Mechanical, Large Shrubs, Medium Infestation	ac	\$274.32	\$328.38
Mechanical, Small Shrubs, Heavy Infestation	ac	\$69.67	\$82.80
Mechanical, Small Shrubs, Light Infestation	ac	\$49.44	\$58.52
Mechanical, Small Shrubs, Medium Infestation	ac	\$59.56	\$70.66
PJ Mechanical Removal - High Density	ac	\$230.05	\$275.25
PJ Mechanical Removal - Low Density	ac	\$102.25	\$121.89
PJ Mechanical Removal - Moderate Density	ac	\$145.44	\$173.71
Russian Olive treatment	ac	\$776.31	\$931.57
Split-method event series	ac	\$115.01	\$137.20

### 315 Herbaceous Weed Control

NOTE: The acres contracted for this practice should be limited to the actual treated acres.

Chemical, Aerial	ac	\$22.99	\$27.59
Chemical, Ground	ac	\$29.75	\$35.70
Chemical, Spot	ac	\$28.76	\$34.51
hand and chemical	ac	\$61.84	\$74.21
Mechanical	ac	\$15.07	\$18.09
mechanical and chemical	ac	\$74.21	\$89.05
Mechanical, Hand	ac	\$46.22	\$55.46
split-method and event series	ac	\$68.02	\$81.63

### 320 Irrigation Canal or Lateral

NOTE: This practice should only be used for on-farm irrigation water conveyance and/or distribution of greater than 25 cubic feet per second. Irrigation Field Ditch (388) should be used for conveyance or distribution of less than 25 cubic feet per second.

Irrigation Canal	CuYd	\$1.74	\$2.09
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**324 Deep Tillage**

Deep Tillage less than 20 inches	ac	\$16.53	\$19.83
Deep Tillage more than 20 inches	ac	\$45.03	\$54.04

**325 High Tunnel for Crops**

**\*\* This practice has a payment limit of \$5,000 per tunnel.**

Contiguous US	sq ft	\$2.91	\$3.49
Contiguous US Snow	sq ft	\$3.80	\$4.56
High Tunnel, Low Snow and Wind Load	sq ft	\$3.08	\$3.70
High Tunnel, Low Wind or Snow Load, Intensive Sun	sq ft	\$3.29	\$3.94

**326 Clearing or Snagging**

Clearing and Snagging - Heavy	ft	\$13.66	\$16.39
Clearing and Snagging - Light	ft	\$12.05	\$14.47
Clearing and Snagging - Medium	ft	\$12.11	\$14.53

**327 Conservation Cover**

Introduced Species	ac	\$116.55	\$139.86
Monarch Species Mix	ac	\$667.34	\$800.80
Native Species	ac	\$136.36	\$163.64
Native Species, Foregone income, Irrigated Crop	ac	\$577.60	\$599.99
Orchard or Vineyard Alleyways	ac	\$80.91	\$97.09
Pollinator Species	ac	\$448.92	\$538.70

**328 Conservation Crop Rotation**

**\*\* This practice has a payment limitation of \$10,000 per year for each contract.**

NOTE: Management payments are not available if a producer is already implementing the planned management level on the contracted land. Payments are available if the producer is implementing a higher level of management or if it is on new or different acres. Management payments may only be contracted for 3 years.

Basic Rotation Organic and Non-Organic	ac	\$4.76	\$5.71
Specialty Crops Organic and Non-Organic	ac	\$25.39	\$30.47

**329 Residue and Tillage Management**

**\*\* This practice has a payment limitation of \$10,000 per year for each contract.**

NOTE: Management payments are not available if a producer is already implementing the planned management level on the contracted land. Payments are available if the producer is implementing a higher level of management or if it is on new or different acres. Management payments may only be contracted for 3 years.

No Till Adaptive Management	Ea	\$2,403.69	\$2,884.43
No-Till/Strip-Till	ac	\$14.12	\$16.94

**330 Contour Farming**

Contour Farming	ac	\$6.62	\$7.95
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**332 Contour Buffer Strips**

NOTE: The area of buffer is taken out of production. Calculate only the buffer area for this practice and eligible payment

Native Species, Foregone Income (Organic and Non-organic)	ac	\$471.80	\$488.65
Wildlife/Pollinator, Foregone Income (Organic and Non-Organic)	ac	\$581.38	\$620.14

### 333 Amending Soil Properties with Gypsum Products

Gypsum greater than 1 ton rate	ac	\$47.96	\$57.55
Gypsum less than 1 ton per acre	ac	\$28.11	\$33.73

### 338 Prescribed Burning

NOTE: Level terrain is where the majority to be burned is <10%. Steep terrain is where the majority to be burned is =>10%. Non-volatile fuels consist predominantly of herbaceous fuels and most hardwoods. Volatile fuels include woody vegetation with high levels of terpenes, resins, waxes and oils (example - juniper, sage brush).

Level Terrain, Herbaceous Fuel Non-Volatile	ac	\$6.33	\$7.59
Level Terrain, Volatile or woody fuels	ac	\$8.67	\$10.40
Pinyon and Juniper Single Tree Burning	ac	\$18.12	\$21.75
Steep Terrain, Herbaceous Fuel	ac	\$11.47	\$13.77
Steep Terrain, Volatile or Woody fuels	ac	\$14.16	\$16.99
Understory Burn	ac	\$7.69	\$9.23

### 340 Cover Crop

Cover Crop - Basic and organic/non-organic	ac	\$61.11	\$73.33
Cover Crop Adaptive Management	Ea	\$1,817.99	\$2,181.58
Cover Crop- Basic, Organic/Non-Organic, Winter Kill	ac	\$43.69	\$52.43
Cover Crop Multiple Species Organic and Non-Organic	ac	\$71.92	\$86.31

### 342 Critical Area Planting

Native and Introduced Vegetation - Moderate Grading	ac	\$451.77	\$542.12
Native or Introduced Grass/legume mix-heavy grading (Organic and Non-organic)	ac	\$735.45	\$882.54
Vegetation-normal tillage (Organic and Non-Organic)	ac	\$174.10	\$208.92

### 345 Residue and Tillage Management, Reduced Till

**\*\* This practice has a payment limitation of \$10,000 per year for each contract.**

NOTE: Management payments are not available if a producer is already implementing the planned management level on the contracted land. Payments are available if the producer is implementing a higher level of management or if it is on new or different acres. Management payments may only be contracted for 3 years.

Mulch till-Adaptive Management	Ea	\$2,863.89	\$3,436.67
Residue and Tillage Management, Reduced Till	ac	\$14.99	\$17.99

### 348 Dam Diversion

Earth Fill	CuYd	\$5.84	\$7.01
Earth Fill-Grouted Rock	CuYd	\$29.82	\$35.78
Gabion Structure	CuYd	\$103.82	\$124.58
Reinforced Concrete Dam Diversion	CuYd	\$332.03	\$398.43
Rock/Gravel Fill	CuYd	\$39.65	\$47.58
Sheet Pile Structure	sq ft	\$30.36	\$36.43

### 350 Sediment Basin

Embankment earthen basin with no pipe	CuYd	\$1.80	\$2.16
Embankment earthen basin with pipe	CuYd	\$3.98	\$4.78
Excavated volume	CuYd	\$1.80	\$2.16

**351 Water Well Decommissioning**

Drilled well greater than 300 ft deep	ft	\$5.21	\$6.25
Drilled well less than 300 ft deep	ft	\$6.12	\$7.35
Shallow Well greater than 20 ft deep	ft	\$125.78	\$150.93
Shallow Well less than 20 ft deep	ft	\$130.22	\$156.27

**356 Dike**

Dike	CuYd	\$1.93	\$2.32
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**362 Diversion**

Diversion	CuYd	\$1.46	\$1.75
Diversion Minor Structure	CuYd	\$5.72	\$6.87
Net Wire Diversion	ft	\$8.40	\$10.08

**367 Roofs and Covers**

Flexible Membrane Cover	sq ft	\$6.21	\$7.46
Flexible Membrane Cover with Flare	sq ft	\$7.26	\$8.71
Flexible Roof	sq ft	\$6.56	\$7.87
Permeable Composite or Inorganic Cover	sq ft	\$5.84	\$7.01
Steel Frame and Roof	sq ft	\$5.33	\$6.40
Timber or Steel Sheet Roof	sq ft	\$6.93	\$8.32

**372 Combustion System Improvement**

Electric Motor in-lieu of IC Engine, < 12 HP	Ea	\$1,131.10	\$1,357.31
Electric Motor in-lieu of IC Engine, >=300 HP	Ea	\$38,289.53	\$45,947.44
Electric Motor in-lieu of IC Engine, 12-74 HP	Ea	\$5,069.12	\$6,082.95
Electric Motor in-lieu of IC Engine, 150-299 HP	Ea	\$19,150.47	\$22,980.57
Electric Motor in-lieu of IC Engine, 75-149 HP	Ea	\$6,355.36	\$7,626.43
IC Engine Repower, < 50 bhp	BHP	\$159.92	\$191.90
IC Engine Repower, >=200 bhp	BHP	\$138.37	\$166.04
IC Engine Repower, 100-199 bhp	BHP	\$166.00	\$199.20
IC Engine Repower, 50-99 bhp	BHP	\$158.33	\$189.99

**374 Farmstead Energy Improvement**

NOTE: A current energy audit must be performed in accordance with the American Society of Agricultural and Biological Engineers (ASABE) Standard S612, Performing On-farm Energy Audits.

Automatic Controller System	Ea	\$1,137.47	\$1,364.96
Grain Dryer	Bu/Hr	\$73.59	\$88.30
Heating - Attic Heat Recovery vents	Ea	\$125.71	\$150.86
Heating - Radiant Systems	Ea	\$1,194.57	\$1,433.49
Heating (Building)	kBTU/Hr	\$9.67	\$11.60
Low Energy Livestock Waterers	Ea	\$792.47	\$950.97
Motor Upgrade = 1 HP	Ea	\$459.20	\$551.04
Motor Upgrade > 1 and < 10 HP	Ea	\$138.35	\$166.02
Motor Upgrade > 100 HP	Ea	\$124.01	\$148.81
Motor Upgrade 10 - 100 HP	Ea	\$99.55	\$119.46
Plate Cooler	Ea	\$5,313.48	\$6,376.17
Scroll Compressor	HP	\$3,259.13	\$3,910.96

Variable Speed Drive > 5 HP	HP	\$186.35	\$223.62
Ventilation - Exhaust	Ea	\$1,089.00	\$1,306.80
Ventilation - HAF	Ea	\$163.91	\$196.69
Ventilation - Replacement of Less Efficient Circulation Fan with High Volume Low Speed Fan	Ea	\$4,275.04	\$5,130.05
Washer - Extractor	Ea	\$6,260.50	\$7,512.60
Water Heating - Compressor Heat Recovery	Ea	\$2,916.21	\$3,499.45
Water Heating - High Efficiency or Tankless Water Heater	Ea	\$2,366.92	\$2,840.31

### 376 Farm Operations Emissions Reduction

One Crop Per Year	ac	\$11.66	\$13.99
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### 378 Pond

Embankment Pond with Pipe	CuYd	\$4.38	\$5.25
Embankment Pond without Pipe	CuYd	\$2.76	\$3.32
Excavated Pit	CuYd	\$2.67	\$3.21

### 379 Multi-Story Cropping

Native Shrub Planting (native or non-native)	Ea	\$5.62	\$6.74
Tree Planting (native or non-native)	Ea	\$5.64	\$6.76

### 380 Windbreak / Shelterbelt Establishment

1 row windbreak, shrubs, hand planted	ft	\$1.66	\$2.00
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### 381 Silvopasture Establishment

Commercial Thin & Est NTV Grasss	ac	\$378.94	\$454.73
Commercial thinning & establishment of introduced grasses.	ac	\$253.83	\$304.59
Introduced grasses established into existing tree stand	ac	\$174.59	\$209.51
Native grasses established in existing tree stand	ac	\$311.70	\$374.04
Non-commercial thinning & establishment of introduced grasses.	ac	\$368.43	\$442.12
Non-commercial thinning & establishment of native grasses.	ac	\$493.55	\$592.26
Tree and introduced grass establishment	ac	\$263.66	\$316.39
Tree and native grass establishment	ac	\$399.23	\$479.08
Tree establishment	ac	\$93.72	\$112.46

### 382 Fence

Electric	ft	\$1.27	\$1.52
Multi Strand Barbed or smooth Wire Difficult terrain	ft	\$2.06	\$2.48
Multi Strand Barbed or Smooth Wire Very Difficult terrain	ft	\$2.72	\$3.26
Multi Strand Barbed/Smooth Wire	ft	\$1.58	\$1.90
Pole Fence	ft	\$6.81	\$8.18
Safety	ft	\$3.54	\$4.25
Temporary	ft	\$0.46	\$0.55
Wildlife Exclusion	ft	\$3.23	\$3.87
Woven Wire	ft	\$2.12	\$2.54

### 383 Fuel Break

Hand Fuel Break	ac	\$984.38	\$1,181.26
Lop and Scatter, heavy	ac	\$119.98	\$143.97

Lop and Scatter, light	ac	\$43.56	\$52.27
Lop and Scatter, medium	ac	\$78.33	\$94.00
Non ForestFuel Break	ac	\$107.89	\$129.46
Nonsprouting Species - Mechanical	ac	\$971.14	\$1,165.37
PJ Mechanical Removal - High Density	ac	\$226.80	\$0.00
PJ Mechanical Removal - Low Density	ac	\$90.91	\$109.09
PJ Mechanical Removal - Moderate Density	ac	\$142.67	\$171.20
Sprouting Species - Mechanical	ac	\$720.24	\$864.29

### 384 Woody Residue Treatment

Chipping and hauling off-site	ac	\$174.99	\$209.99
Forest Slash Treatment - Heavy	ac	\$274.15	\$328.98
Lop and Scatter, heavy	ac	\$98.57	\$118.28
Lop and Scatter, light	ac	\$37.44	\$44.93
Lop and Scatter, medium	ac	\$64.18	\$77.02
Orchard/Vineyard prunings/removals	ac	\$165.15	\$198.18
Piling and Burning	ac	\$109.75	\$131.70
Restoration/conservation treatment following catastrophic events	ac	\$548.60	\$658.32
Woody residue/silvicultural slash treatment- light	ac	\$124.83	\$149.79

### 386 Field Border

Field Border, Introduced Species	ac	\$64.13	\$76.96
Field Border, Native Species	ac	\$90.26	\$108.31
Field Border, Pollinator	ac	\$133.30	\$159.96

### 388 Irrigation Field Ditch

Irrigation Field Ditch	CuYd	\$1.99	\$2.38
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### 390 Riparian Herbaceous Cover

Aquatic Wildlife	ac	\$2,320.12	\$2,784.15
Plugging and Seeding	ac	\$2,724.51	\$3,269.41
Warm & Cool Season Plants	ac	\$1,329.62	\$1,595.54

### 391 Riparian Forest Buffer

Bare-root, hand planted	ac	\$1,529.95	\$1,835.94
Bare-root, machine planted	ac	\$902.35	\$1,082.82
Cuttings	ac	\$3,924.45	\$4,709.34
large container, hand planted	ac	\$3,157.82	\$3,789.38
Seeding	ac	\$145.77	\$174.93
Small container, hand planted	ac	\$2,048.21	\$2,457.86
Small container, machine planted	ac	\$1,336.28	\$1,603.54

### 393 Filter Strip

Filter Strip, Introduced species	ac	\$126.56	\$151.88
Filter Strip, Native species	ac	\$120.04	\$144.05

### 394 Firebreak

NOTE: Light equipment is typically a harrowing or light disking operation. Medium equipment is typically heavy disking operation(s).

Constructed - Light Equipment	ac	\$78.17	\$93.81
Constructed - Medium equipment, flat-medium slopes	ac	\$585.83	\$702.99
Constructed - Medium equipment, steep slopes	ac	\$1,832.25	\$2,198.70
Constructed - Wide, bladed or disked firebreak	ac	\$3,211.45	\$3,853.74
Vegetated permanent firebreak	ac	\$89.40	\$107.28

### 395 Stream Habitat Improvement and Management

NOTE: To determine the acres for the scenario, compute the practice units based on the bankfull width (feet) times the treatment reach length (feet) and divide by 43,560 square feet per acre. This practice does not apply to changes in channel alignment or cross-section, or installation of in-stream structures for grade control or bank stabilization.

Fish Barrier	CuYd	\$4,647.43	\$5,576.92
Instream rock placement	ac	\$5,754.94	\$6,905.93
Instream wood placement	ac	\$10,164.72	\$12,197.66
Riparian Zone Improvement-Forested	ac	\$5,407.68	\$6,489.22
Rock and wood structures	ac	\$19,890.12	\$23,868.14

### 396 Aquatic Organism Passage

Alaskan Steeppass	ft	\$7,785.52	\$9,342.63
Blockage Removal	CuYd	\$75.74	\$90.89
Bottomless Culvert	Ea	\$35,726.41	\$42,871.69
Bridge	ft	\$2,341.99	\$2,810.39
CMP Culvert	Ea	\$22,689.64	\$27,227.57
Complex Denil	ft	\$56,374.94	\$67,649.93
Concrete Box Culvert	Ea	\$43,150.82	\$51,780.98
Concrete Dam Removal	CuYd	\$109.65	\$131.58
Concrete Ladder	ft	\$11,057.27	\$13,268.73
Earthen Dam Removal	CuYd	\$46.61	\$55.93
Low Water Crossing	CuYd	\$492.26	\$590.71
Nature-Like Fishway	ac	\$78,443.05	\$94,131.66
Paddlewheel Screen	cfs	\$6,803.15	\$8,163.78
Rotating Drum Screen	cfs	\$838.55	\$1,006.26

### 402 Dam

pipe principal spillway	CuYd	\$4.83	\$5.80
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### 410 Grade Stabilization Structure

Check Dams	ton	\$36.90	\$44.28
Embankment, Pipe <= 6"	CuYd	\$3.94	\$4.73
Embankment, Pipe >12"	CuYd	\$5.84	\$7.01
Embankment, Pipe 8"-12"	CuYd	\$4.72	\$5.66
Embankment, Soil Treatment	CuYd	\$7.05	\$8.46
Log Drop Structures	Ea	\$3,774.27	\$4,529.12
Pipe Drop, Plastic	DialnFt	\$4.58	\$5.49
Pipe Drop, Steel	DialnFt	\$3.07	\$3.69
Rock and Brush Structure	CuYd	\$73.07	\$87.69
Rock Dam	sq ft	\$7.72	\$9.27
Rock Drop Structures	sq ft	\$105.26	\$126.31
Rock Drop Structures - remote locations	sq ft	\$124.01	\$148.81

Weir Drop Structures	sq ft	\$70.45	\$84.54
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#### 412 Grassed Waterway

Waterway	ac	\$1,171.07	\$1,405.28
Waterway - with Fabric Check Structures	ac	\$1,804.27	\$2,165.12

#### 428 Irrigation Ditch Lining

Concrete lined ditch-thick, 1.5 ft bottom	SqYd	\$12.86	\$15.43
Concrete Lining, > 2 ft bottom	SqYd	\$11.54	\$13.85
Concrete Lining, 1 ft bottom	SqYd	\$11.02	\$13.23
Concrete Lining, 2 ft bottom	SqYd	\$11.37	\$13.64
Concrete Lining, Hand Placed, Any Size	CuYd	\$192.51	\$231.02
Flexible Lining	SqYd	\$7.21	\$8.65
Notched Ditch, 1.5 ft bottom	SqYd	\$18.91	\$22.69
Semi Rigid HDPE Prefab Liner	SqYd	\$33.26	\$39.91
Transitions	sq ft	\$3.00	\$3.60

#### 430 Irrigation Pipeline

**\*\* This practice has a payment limit of \$100,000 per contract. \*\***

NOTE: Compute practice units by multiplying feet of pipe planned by pipe weight, per foot. Determine and document pipe weight using tables or the "pipe weight calculator" spreadsheet located at: [https://ems-team.usda.gov/sites/NRCS\\_Colorado/eng/Engineering%20Practice%20Costs/Forms/AllItems.aspx](https://ems-team.usda.gov/sites/NRCS_Colorado/eng/Engineering%20Practice%20Costs/Forms/AllItems.aspx)

HDPE (Corrugated Plastic Pipe)	Lb	\$2.16	\$2.59
HDPE (Iron Pipe Size & Tubing)	Lb	\$2.29	\$2.74
Micro Hydroelectric Power Plant	kw	\$2,892.90	\$3,471.48
Micro Hydro-mechanical Power Plant	HP	\$1,298.52	\$1,558.22
PVC PIP, Remote Location or Adverse Installation Conditions	Lb	\$3.05	\$3.66
PVC Pipe <= 8 inch	Lb	\$2.68	\$3.21
PVC Pipe <= 8 inch with alfalfa valves	Lb	\$3.17	\$3.81
PVC Pipe <= 8 inch with boring	Lb	\$8.19	\$9.82
PVC Pipe >= 10 inch	Lb	\$2.06	\$2.47
PVC Pipe >= 10 inch with alfalfa valves	Lb	\$2.42	\$2.90
PVC Pipe >= 10 inch with boring	Lb	\$3.29	\$3.95
Steel (Corrugated Steel Pipe)	Lb	\$0.99	\$1.19
Steel (Iron Pipe Size)	Lb	\$1.61	\$1.93
Surface HDPE (Iron Pipe Size & Tubing)	Lb	\$2.43	\$2.91

#### 436 Irrigation Reservoir

Embankment Dam with Off-Site Borrow	CuYd	\$6.15	\$7.39
Embankment Dam with On-Site Borrow	CuYd	\$3.79	\$4.55
Embankment Reservoir = 30 Acre-Feet	CuYd	\$3.10	\$3.71
Embankment Reservoir > 30 Acre-Feet	CuYd	\$3.12	\$3.75
Excavated Tailwater Pit	CuYd	\$1.63	\$1.96
Fiberglass Tank	gal	\$0.84	\$1.00
Plastic Tank	gal	\$1.31	\$1.57
Reservoir < 15 ac-ft	CuYd	\$2.26	\$2.71
Steel Tank	gal	\$1.10	\$1.32

**441 Irrigation System, Microirrigation****\*\* This practice has a payment limit of \$44,000/no or sprinkler system.**

Hoop House Surface Microirrigation	sq ft	\$0.16	\$0.19
Microjet	ac	\$2,228.58	\$2,674.29
SDI (Subsurface Drip Irrigation)	ac	\$1,459.19	\$1,751.02
Small Farm	ac	\$917.44	\$1,100.93
Surface PE with emitters	ac	\$705.72	\$846.86
Windbreak Surface PE	ac	\$801.36	\$961.63

**442 Irrigation System, Sprinkler****\*\* This practice has a payment limit of \$33,000/no or sprinkler system.**

Center Pivot System, 101 or Larger Acres	ac	\$617.25	\$740.70
Center Pivot System, 61-100 Acres	ac	\$762.52	\$915.02
Center Pivot, 0-60 Acres	ac	\$1,312.07	\$1,574.49
Center Pivot, poly lined	ac	\$698.60	\$745.17
Handline	ac	\$201.74	\$215.19
Linear Move System	ft	\$74.31	\$79.27
Linear Move, poly lined	ft	\$81.82	\$87.28
Pod System	Ea	\$192.76	\$205.61
Renovation of Existing Sprinkler System	ft	\$6.16	\$6.57
Solid Set System	ac	\$3,603.67	\$3,843.91
Traveling Gun System, < 2 inch Hose	Ea	\$8,959.29	\$9,556.57
Traveling Gun System, > 3 inch Hose	Ea	\$34,762.34	\$37,079.83
Traveling Gun System, 2 to 3 inch Hose	Ea	\$17,569.44	\$18,740.73
Wheel Line System	ft	\$12.82	\$13.67

**443 Irrigation System, Surface and Subsurface**

Aluminum Gated Pipe	Lb	\$3.87	\$4.64
Poly Irrigation Tubing	Lb	\$2.21	\$2.65
Polyvinyl Chloride (PVC) Gated Pipe	Lb	\$1.60	\$1.92
Surge Valve & Controller	Ea	\$1,666.66	\$1,999.99

**449 Irrigation Water Management****\*\* This practice has a payment limitation of \$10,000 per year for each contract.**

NOTE: Management payments are not available if a producer is already implementing the planned management level on the contracted land. Payments are available if the producer is implementing a higher level of management or if it is on new or different acres. Management payments may only be contracted for 3 years.

Advanced IWM <= 30 acres	ac	\$42.32	\$50.78
Advanced IWM > 30 acres	ac	\$14.24	\$17.09
Advanced Weather Station and Soil Moisture Sensors 1st Year	ac	\$54.15	\$64.98
Advanced Weather Station and Soil Moisture Sensors Years 2+	ac	\$21.85	\$26.22
Basic IWM <= 30 acres	ac	\$25.39	\$30.47
Basic IWM > 30 acres	ac	\$9.15	\$10.98
Intermediate IWM <= 30 acres	ac	\$33.86	\$40.63
Intermediate IWM > 30 acres	ac	\$11.70	\$14.04
Soil Moist Sensors_1stYr	Ea	\$948.28	\$1,137.94
SoilMoist Sens.w.DataLogrs1stYR	Ea	\$1,411.70	\$1,694.04

**450 Anionic Polyacrylamides (PAM) Erosion**

PAM Application	Lb	\$3.56	\$4.27
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**460 Land Clearing**

Minor Shaping	ac	\$310.64	\$372.77
Site Stabilization	CuYd	\$1.60	\$1.93

**464 Irrigation Land Leveling**

Irrigation Land Leveling	CuYd	\$1.63	\$1.95
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**466 Land Smoothing**

Minor Shaping	ac	\$75.07	\$90.08
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**468 Lined Waterway or Outlet**

Concrete	sq ft	\$4.46	\$5.35
Concrete Block	sq ft	\$3.51	\$4.21
Membrane	sq ft	\$5.47	\$6.56
Rock Lined - 12 inch	sq ft	\$2.32	\$2.79
Rock Lined - 24 inch	sq ft	\$5.15	\$6.19
Turf Reinforced Matting	sq ft	\$0.74	\$0.89

**472 Access Control**

Animal exclusion from sensitive areas	ft	\$0.09	\$0.10
Forest/Farm Access Control	ft	\$0.09	\$0.10
Monitoring, maintenance, additional labor	ac	\$18.80	\$22.56
Trails/Roads Access Control	Ea	\$421.60	\$505.92

**484 Mulching**

Erosion Control Blanket	sq ft	\$0.13	\$0.16
Natural Material - Partial Coverage	ac	\$36.77	\$44.12
Organic Material	ac	\$232.55	\$279.06
Synthetic Material	ft	\$1.28	\$1.54
Tree and Shrub squares	Ea	\$1.92	\$2.31

**490 Tree and Shrub Site Preparation**

Chemical - Aerial Application	ac	\$47.59	\$57.11
Chemical - Ground Application	ac	\$116.53	\$139.84
Chemical - Hand Application	ac	\$76.96	\$92.35
Hand site preparation	ac	\$164.37	\$197.24
Mechanical - Heavy	ac	\$192.54	\$231.05
Mechanical - Light	ac	\$64.05	\$76.86
Windbreak, chemical and mechanical	ac	\$192.88	\$231.46
Windbreak, mechanical only	ac	\$66.42	\$79.70

**500 Obstruction Removal**

Removal and Disposal of Brush and Trees < 6 inch Diameter	ac	\$785.13	\$942.16
Removal and Disposal of Brush and Trees > 6 inch Diameter	ac	\$1,548.44	\$1,858.12
Removal and Disposal of Fence	ft	\$0.68	\$0.81

Removal and Disposal of Rock and or Boulders	CuYd	\$91.27	\$109.52
Removal and Disposal of Steel and or Concrete Structures	sq ft	\$10.45	\$12.54
Removal and Disposal of Wood Structures	sq ft	\$5.22	\$6.27

### 511 Forage Harvest Management

Doublecropping - Delayed harvest and subsequent planting	ac	\$6.83	\$7.55
Improved Forage Quality	ac	\$3.59	\$4.31
Organic Preemptive Harvest	ac	\$3.59	\$4.31
Perennial Crops - Delayed Mowing	ac	\$5.21	\$5.93

### 512 Forage and Biomass Planting

Conversion from Irrigated cropland, lower value crops, w/FI	ac	\$666.07	\$714.78
Grass Establishment-Sprigging	ac	\$186.64	\$223.97
Introduced Cool Season Grasses with Legumes	ac	\$119.91	\$143.89
Introduced Cool Season Grasses with Legumes with Low Input	ac	\$66.39	\$79.67
Introduced Warm Season Grasses	ac	\$151.07	\$181.28
Introduced Warm Season Grasses with Low Input	ac	\$97.55	\$117.06
Native Perennial 1 species	ac	\$138.52	\$166.23
Native Perennial 1 species Low Input	ac	\$94.72	\$113.67
Native Perennial 2 or more species	ac	\$251.28	\$301.53
Native Perennial 2 or more species with Low Input	ac	\$212.12	\$254.55
Native perennial, Conversion from Dryland cropland, w/FI	ac	\$436.99	\$482.71
Native perennial, Conversion from Irrigated cropland, w/FI	ac	\$709.21	\$757.92
Overseeding Legumes	ac	\$130.96	\$157.16

### 516 Pipeline

NOTE: Financial assistance is not available if the water development's primary function of grazing distribution is coupled with ineligible uses such as providing water to headquarters, feedlots, and corrals.

1.25 inch 160 psi PVC-SDR per foot	ft	\$1.48	\$1.77
1.5 inch HDPE per foot	ft	\$1.85	\$2.22
HDPE (Iron Pipe Size & Tubing)	Lb	\$3.90	\$4.68
HDPE (Iron Pipe Size & Tubing) - Remote locations	Lb	\$4.08	\$4.89
HDPE (Iron Pipe Size & Tubing) < 3" Boring	Lb	\$4.70	\$5.64
HDPE (Iron Pipe Size & Tubing) >3" Boring	Lb	\$5.10	\$6.12
PVC (Iron Pipe Size)	Lb	\$3.82	\$4.58
PVC (Iron Pipe Size) < 3" Boring	Lb	\$4.58	\$5.49
PVC (Iron Pipe Size) > 3" Boring	Lb	\$4.96	\$5.95
Steel (Iron Pipe Size)	Lb	\$1.92	\$2.30
Surface HDPE (Iron Pipe Size & Tubing)	Lb	\$2.22	\$2.67
Surface Steel (Iron Pipe Size)	Lb	\$1.62	\$1.94

### 528 Prescribed Grazing

**\*\* This practice has a payment limitation of \$10,000 per year for each contract.**

NOTE: Management payments are not available if a producer is already implementing the planned management level on the contracted land. Payments are available if the producer is implementing a higher level of management or if it is on new or different acres. Management payments may only be contracted for 3 years.

Habitat Mgt. Long Term Monitoring	ac	\$17.79	\$21.35
Pasture Intensive	ac	\$19.52	\$23.42
Range Deferment	ac	\$11.07	\$11.66

Range Long Term Monitoring	ac	\$7.35	\$8.82
Range, Basic, 1500- 10,000 acres	ac	\$0.29	\$0.35
Range, Basic, Less than 1500 acres	ac	\$1.01	\$1.21
Range, Basic, More than 10,000 acres	ac	\$0.11	\$0.13
Targeted Grazing	Hd/Day	\$2.02	\$2.43

### 533 Pumping Plant

Electric Power Pump 10 to 30 hp	HP	\$233.74	\$280.49
Electric Power Pump Greater than 30 hp	HP	\$210.74	\$252.88
Electric-Powered Pump <30 hp <=75	HP	\$288.89	\$346.67
Electric-Powered Pump = 5 Hp	HP	\$623.53	\$748.24
Electric-Powered Pump = 5 HP with Pressure Tank	HP	\$1,440.98	\$1,729.18
Electric-Powered Pump >75	BHP	\$162.57	\$195.09
Electric-Powered Pump 5-10 HP	HP	\$927.69	\$1,113.22
Internal Combustion-Powered Pump = 50HP	HP	\$539.14	\$646.96
Internal Combustion-Powered Pump > 50 to 70 HP	HP	\$402.70	\$483.25
Internal Combustion-Powered Pump > 70 HP	HP	\$311.67	\$374.01
Internal Combustion-Powered Pump 10 to 50HP	HP	\$546.23	\$655.47
Livestock Nose Pump	Ea	\$891.54	\$1,069.85
Photovoltaic Pump 250-1000 Watts	Ea	\$5,019.09	\$6,022.91
Photovoltaic Pump Greater than 1000 Watts	Ea	\$8,193.67	\$9,832.40
Photovoltaic Pump Less Than or Equal to 250 Watts	Ea	\$3,393.01	\$4,071.61
Photovoltaic-Powered Pump - Remote Locations	Ea	\$3,693.01	\$4,431.61
Rebowling	Ea	\$10,543.06	\$12,651.68
Tractor Power Take Off (PTO) Pump	HP	\$143.91	\$172.70
Variable Frequency Drive	HP	\$186.35	\$223.62
Water Ram Pump	Ea	\$1,543.79	\$1,852.55
Windmill-Powered Pump	ft	\$779.92	\$935.90

### 548 Grazing Land Mechanical Treatment

mechanical less than 5 percent slope	ac	\$40.23	\$48.27
mechanical more than 5 percent slope	ac	\$36.67	\$44.00
Pastureland Mech Treatment	ac	\$17.59	\$21.11

### 550 Range Planting

Native - Aerial Application Only	ac	\$123.47	\$147.52
Native -Heavy	ac	\$150.95	\$180.49
Native perennial, Conversion from Irrigated cropland, w/FI	ac	\$653.68	\$691.21
Native -Standard prep	ac	\$139.29	\$166.50
Native -Wildlife or Pollinator	ac	\$181.60	\$217.92
Non-Native - Aerial Application Only	ac	\$49.38	\$58.60
Non-Native - heavy prep	ac	\$85.77	\$102.28
Non-Native - Standard prep	ac	\$74.11	\$88.29
Pollinator - small acreage	ac	\$347.11	\$416.53

### 554 Drainage Water Management

Drainage Water Management (DWM)	Ea	\$71.77	\$86.12
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### 561 Heavy Use Area Protection

NOTE: For all components, compute the practice units as the surface area (length x width) protected with this treatment.

Bituminous Concrete Pavement	sq ft	\$2.32	\$2.79
Fly Ash on Geotextile	sq ft	\$1.60	\$1.92
Reinforced Concrete with sand or gravel foundation	sq ft	\$3.34	\$4.01
Rock/Gravel on Geotextile	sq ft	\$0.85	\$1.03
Rock/Gravel-GeoCell-Geotextile	sq ft	\$3.20	\$3.84

#### 574 Spring Development

Spring Development	Ea	\$2,946.34	\$3,535.61
Spring Development - Remote Locations	Ea	\$3,396.34	\$4,075.61

#### 578 Stream Crossing

Bridge	sq ft	\$38.43	\$46.11
Hard armored low water crossing	sq ft	\$3.61	\$4.33
Low water crossing using prefabricated products	sq ft	\$6.39	\$7.67

#### 580 Streambank and Shoreline Protection

Bioengineered	ft	\$32.33	\$38.80
Structural	CuYd	\$57.49	\$68.99
Toe Wood	sq ft	\$2.70	\$3.24
Vegetative	ft	\$13.13	\$15.75

#### 582 Open Channel

excavation and fill, difficult conditions	CuYd	\$5.67	\$6.81
excavation and fill, normal conditions	CuYd	\$4.91	\$5.89
excavation, difficult conditions	CuYd	\$2.70	\$3.24
excavation, normal conditions	CuYd	\$1.93	\$2.32

#### 584 Channel Bed Stabilization

Bio-engineering	sq ft	\$2.92	\$3.50
Rock structures	CuYd	\$50.60	\$60.72
Wood structures	Ea	\$1,870.18	\$2,244.21

#### 585 Stripcropping

Stripcropping - wind and water erosion	ac	\$1.17	\$1.41
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#### 587 Structure for Water Control

Alfalfa, orchard valve	In	\$37.41	\$44.89
chemigation valve <12 inch	In	\$39.52	\$47.43
Chemigation valve >=12 inch	In	\$75.31	\$90.38
Cleaning Screens	Lb	\$7.93	\$9.51
CMP Turnout	Ea	\$530.84	\$637.01
Commercial Inline Flashboard Riser	Ea	\$4,295.90	\$5,155.08
Concrete Turnout Structure	CuYd	\$864.47	\$1,037.36
Concrete Turnout Structure - high flow	Ea	\$4,188.80	\$5,026.56
Concrete Turnout Structure - Small	Ea	\$2,148.63	\$2,578.36
Culvert <30 inches CMP	InFt	\$1.85	\$2.23
Culvert <30 inches HDPE	InFt	\$1.65	\$1.98
Culvert >= 30 inches CMP	DialnFt	\$1.53	\$1.84

Culvert >= 30 inches HDPE	DialnFt	\$1.41	\$1.69
Flow Meter with Electronic Index	In	\$283.83	\$340.59
Flow Meter with Electronic Index & Telemetry	In	\$394.44	\$473.33
Flow Meter with Mechanical Index	In	\$148.96	\$178.75
HDPE Turnout	Ea	\$483.29	\$579.95
Inlet Flashboard Riser, Metal	InFt	\$2.67	\$3.20
Inline Flashboard Riser, Metal	InFt	\$2.82	\$3.39
Inline valve >=12 inch	In	\$120.34	\$144.41
Inline Valve less than 12 inch	In	\$22.62	\$27.14
Large, in-stream, Concrete Irrigation Water Diversion Structure	CuYd	\$1,155.67	\$1,386.80
Pressure Regulating Station	Ea	\$3,344.68	\$4,013.61
Rock Checks for Water Surface Profile	ton	\$58.45	\$70.14
Screw - Flap Gate	In	\$50.10	\$60.12
Sheet Piling Structure	sq ft	\$37.12	\$44.55
Slide Gate	In	\$8.95	\$10.74
Steel Fabrication	Lb	\$2.49	\$2.99
Surge Valve	Ea	\$1,634.59	\$1,961.51
Wood irrigation Structures	sq ft	\$3.33	\$3.99

### 590 Nutrient Management

**\*\* This practice has a payment limitation of \$10,000 per year for each contract.**

NOTE: Management payments are not available if a producer is already implementing the planned management level on the contracted land. Payments are available if the producer is implementing a higher level of management or if it is on new or different acres. Management payments may only be contracted for 3 years.

Adaptive NM	Ea	\$1,438.17	\$1,725.80
Basic NM (Non-Organic/Organic)	ac	\$2.36	\$2.83
Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	\$4.12	\$4.95
Basic NM with Manure Injection or Incorporation	ac	\$15.78	\$18.94
NM grid/zone soil sampling, variable rate, soil nitrate/plant tissue test (Non-Organic/Organic)	ac	\$17.16	\$20.60
NM Nitrification/Urease Inhibitors, variable rate, grid/zone soil sampling, soil nitrate/plant tissue test (Non-Organic/Organic)	ac	\$23.96	\$28.75

### 595 Integrated Pest Management

**\*\* This practice has a payment limitation of \$10,000 per year for each contract.**

NOTE: Management payments are not available if a producer is already implementing the planned management level on the contracted land. Payments are available if the producer is implementing a higher level of management or if it is on new or different acres. Management payments may only be contracted for 3 years.

Advanced Field All RCs	ac	\$25.55	\$30.65
Advanced IPM Fruit/Veg All RCs	ac	\$139.16	\$166.99
Advanced IPM Orchard All RCs	ac	\$212.22	\$254.67
Advanced IPM S-Farm All RCs	Ea	\$834.95	\$1,001.94
Basic IPM Field >1RC	ac	\$17.22	\$20.66
Basic IPM Field 1RC	ac	\$12.77	\$15.33
Basic IPM Fruit/Veg >1RC	ac	\$91.25	\$109.50
Basic IPM Fruit/Veg 1RC	ac	\$71.17	\$85.40
Basic IPM Orchard >1RC	ac	\$139.16	\$166.99
Basic IPM Orchard 1RC	ac	\$91.25	\$109.50

IPM S-Farm >1RC	Ea	\$556.64	\$667.96
IPM S-Farm 1RC	Ea	\$433.37	\$520.05
Risk Prevention IPM All RCs	ac	\$111.83	\$134.19

#### 600 Terrace

Broadbased	ft	\$1.63	\$1.95
Flat Channel	ft	\$2.66	\$3.19
Grass Backed	ft	\$0.94	\$1.12
Narrow Base, greater than 8% slope	ft	\$1.25	\$1.51
Narrow Base, less than 8% slope	ft	\$1.16	\$1.39

#### 603 Herbaceous Wind Barriers

Cool Season Annual/Perennial Species	LnFt	\$0.06	\$0.07
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#### 606 Subsurface Drain

Corrugated Plastic Pipe (CPP), Single-Wall, = 6 inch	ft	\$2.76	\$3.31
Corrugated Plastic Pipe (CPP), Single-Wall, = 8 inch	ft	\$5.26	\$6.31
Corrugated Plastic Pipe (CPP), Twin-Wall, = 8 inch	ft	\$9.04	\$10.85
Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, = 6 inch	ft	\$3.45	\$4.14
Secondary Main Retrofit	ft	\$5.61	\$6.74

#### 607 Surface Drainage, Field Ditch

Field Drainage Ditch	CuYd	\$1.75	\$2.10
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#### 608 Subsurface Drainage, Main or Lateral

Main or Lateral Drainage Ditch	CuYd	\$1.62	\$1.94
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#### 610 Salinity and Sodic Soil Management

Small Farm<10acres (Irrigated)	ac	\$136.55	\$163.86
Soil Management (non-Irrigated)	ac	\$13.18	\$15.81
Soil Management (Irrigated Gypsum)	ac	\$93.82	\$112.59
Soil Management (Irrigated)	ac	\$14.43	\$17.31

#### 612 Tree & Shrub Establishment

NOTE: Acreage is calculated by the length plus 20 feet on each end times the width plus 20 feet on each side divided by 43,560.

Hardwood Est.-Direct Seeding	ac	\$77.11	\$92.53
Hardwood Hand Planting-bare root-protected	ac	\$485.27	\$582.32
Hardwood Planting 1 gal pots	ac	\$639.10	\$766.92
High Density planting	ac	\$364.16	\$436.99
Individual tree - hand planting w/browse protection	Ea	\$2.18	\$2.62
Individual tree, large - hand planting	Ea	\$7.48	\$8.97
Individual tree, medium - hand planting	Ea	\$4.00	\$4.80
Individual tree, small - hand planting	Ea	\$0.94	\$1.12
Medium Density-Conifer	ac	\$168.09	\$201.71
Medium Density-hand plant Conifer	ac	\$169.96	\$203.96
Medium Density-hand plant Conifer, protect from wildlife	ac	\$325.82	\$390.98
Shrub Planting	ac	\$147.49	\$176.99

### 614 Watering Facility

NOTE: Compute the practice units as the volume of water storage provided. The unit price includes the cost of installing a wildlife escape ladder. Financial assistance is not available if the water development's primary function of grazing distribution is coupled with ineligible uses such as providing water to headquarters, feedlots, and corrals.

Frost Free Waterer	Ea	\$854.43	\$1,025.32
Permanent Drinking/Storage <500 Gallons	gal	\$2.49	\$2.99
Permanent Drinking/Storage > 500-1000 Gallons	gal	\$1.83	\$2.20
Permanent Drinking/Storage >1000-5000 Gallons	gal	\$1.41	\$1.69
Permanent Drinking/Storage >5000 Gallons	gal	\$0.76	\$0.92

### 620 Underground Outlet

NOTE: Compute the practice units as the length of underground outlet pipe required.

Underground Outlet - >30 inch	ft	\$40.16	\$48.20
Underground Outlet - 14-18 inch	ft	\$15.78	\$18.93
Underground Outlet - 20-24 inch	ft	\$25.14	\$30.17
Underground Outlet - 25-30 inch	ft	\$31.89	\$38.27
Underground Outlet - 8-12 inch	ft	\$7.56	\$9.08
Underground Outlet - 8-12 inch with Riser	ft	\$8.70	\$10.44
Underground Outlet <=6 inch	ft	\$6.11	\$7.33
Underground Outlet <=6 inch with Riser	ft	\$4.53	\$5.43

### 638 Water & Sediment Control Basin

WASCOB less than 250 CY	CuYd	\$2.81	\$3.38
WASCOB topsoil	CuYd	\$2.28	\$2.74
WASCOB, greater than 250 CY	CuYd	\$2.06	\$2.47

### 642 Water Well

NOTE: Dry wells are not eligible for financial assistance.

Dug Well	Ea	\$11,960.01	\$14,352.01
Well <=100 Ft	ft	\$49.03	\$58.83
Well >100-300 Ft	ft	\$32.14	\$38.57
Well >300-600 Ft	ft	\$29.01	\$34.81
Well >600 Ft	ft	\$29.00	\$34.80

### 643 Restoration and Management of Rare and Declining Habitats

**\*\* This practice has a payment limitation of \$10,000 per year for each contract.**

NOTE: Management payments are not available if a producer is already implementing the planned management level on the contracted land. Payments are available if the producer is implementing a higher level of management or if it is on new or different acres. Management payments may only be contracted for 3 years.

Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$78.41	\$94.09
Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$29.10	\$34.92
Habitat Monitoring and Management, High Intensity and Complexity, with Forgone Income	ac	\$29.95	\$34.32
Habitat Monitoring and Management, Low Intensity and Complexity	ac	\$3.10	\$3.72
Habitat Monitoring and Management, Very-Low Intensity and Complexity	ac	\$0.75	\$0.90

Micro Structures for arid land restoration	Ea	\$109.15	\$130.98
Rare or Declining Habitat Monitoring and Management, Medium Intensity and Complexity, with Foregone Income	ac	\$17.53	\$19.41

#### 644 Wetland Wildlife Management

**\*\* This practice has a payment limitation of \$10,000 per year for each contract.**

NOTE: Management payments are not available if a producer is already implementing the planned management level on the contracted land. Payments are available if the producer is implementing a higher level of management or if it is on new or different acres. Management payments may only be contracted for 3 years.

Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$78.41	\$94.09
Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$29.10	\$34.92
Establishment of annual vegetation on cropland, with FI	ac	\$441.86	\$457.73
Establishment of annuals for wildlife on cropland, without FI	ac	\$80.66	\$96.79
Establishment of seasonal wildlife forage or cover on non-cropland	ac	\$114.87	\$137.85
Habitat Monitoring and Management, High Intensity and Complexity, with Foregone Income	ac	\$30.84	\$35.39
Habitat Monitoring and Management, Medium Intensity and Complexity, with Foregone Income	ac	\$17.53	\$19.41
Habitat Monitoring and Management, Very-Low Intensity and Complexity	ac	\$0.75	\$0.90
Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	ac	\$3.76	\$4.52

#### 645 Upland Wildlife Habitat Management

**\*\* This practice has a payment limitation of \$10,000 per year for each contract.**

NOTE: Management payments are not available if a producer is already implementing the planned management level on the contracted land. Payments are available if the producer is implementing a higher level of management or if it is on new or different acres. Management payments may only be contracted for 3 years.

Monitoring and Management, Low Intensity with Foregone Income	ac	\$9.55	\$9.84
Monitoring and Mgmt, High Intensity with FI	ac	\$23.92	\$27.08
Monitoring and Mgmt, Low Intensity, no FI	ac	\$4.36	\$5.24
Monitoring and Mgmt, Medium Intensity with FI	ac	\$16.45	\$18.12

#### 646 Early Successional Habitat Development

Shallow Water Management	ac	\$63.97	\$76.77
Shallow Water Management, High Level	ac	\$167.22	\$200.66

#### 647 Early Successional Habitat Development/Management

Disking	ac	\$68.22	\$81.87
Mowing	ac	\$168.57	\$202.29

#### 649 Structures for Wildlife

Beaver Dam Template Structure	LnFt	\$12.79	\$15.34
Brush and Rock Piles	Ea	\$19.10	\$22.92
Brush Pile - Large	Ea	\$100.12	\$120.15
Brush Pile - Small	Ea	\$24.48	\$29.37
Burrowing Owl Burrow	Ea	\$278.95	\$334.74

Downed Large Wood-Upland	Ea	\$247.79	\$297.35
Escape Ramp	Ea	\$26.54	\$31.85
Fence Markers, Vinyl Undersill	ft	\$0.11	\$0.14
Lunkers	Ea	\$2,207.27	\$2,648.72
Nesting Box or Rapture Perch, Large, with Pole	Ea	\$186.44	\$223.73
Nesting Box, Large	Ea	\$62.18	\$74.62
Nesting Box, Small no pole	Ea	\$31.10	\$37.32
Nesting Box, Small, with wood pole	no	\$46.43	\$55.72
Nesting Islands (set of 3)	Ea	\$3,341.52	\$4,009.83
Open topped pipe capping	Ea	\$19.61	\$23.53
Raptor Perch Pole	Ea	\$399.59	\$479.50
Snag Creation	Ea	\$17.57	\$21.08

### 670 Lighting System Improvement

Automatic Controller System	Ea	\$217.06	\$260.47
Lighting - CFL	Ea	\$14.22	\$17.06
Lighting - LED	Ea	\$18.20	\$21.84
Lighting - Linear Fluorescent	Ea	\$267.77	\$321.32
Lighting - Pulse-Start Metal Halide	Ea	\$23.61	\$28.33
Lighting - Replace Existing Lighting Fixture with High Intensity LED Flood	Ea	\$858.96	\$1,030.75
Lighting - Replace Existing Lighting Fixture with Linear LED	Ea	\$71.40	\$85.68

### 672 Building Envelope Improvement

Building Envelope - Attic Insulation	sq ft	\$0.60	\$0.71
Building Envelope - Greenhouse Screens	sq ft	\$1.56	\$1.87
Building Envelope - Sealant	ft	\$1.26	\$1.51
Building Envelope - Wall Insulation	sq ft	\$1.45	\$1.74
Greenhouse - Insulate Unglazed Walls	sq ft	\$0.24	\$0.28