Code	Practice	Component	Units	Unit Cost
311	Alley Cropping	Alley Cropping-single row	Ea	$2.66
314	Brush Management	PJ Mechanical Removal - Moderate Density	ac	$19.88
314	Brush Management	Riparian Area or Sensitive Area	ac	$107.37
314	Brush Management	Juniper Chaining, two pass	ac	$15.95
314	Brush Management	PJ Mechanical Removal - High Density	ac	$31.53
314	Brush Management	Mechanical & Chemical, Large Shrub	ac	$26.13
314	Brush Management	Chemical, Aerial Applied (Resprouting Species) or Mechanical, hand tools, medium	ac	$7.35
314	Brush Management	Low Cost Chemical, Aerial Applied	ac	$4.08
314	Brush Management	Chemical or Mechanical, hand tools, light	ac	$4.32
314	Brush Management	Chemical, Individual Plant Treatment	ac	$14.18
314	Brush Management	Mechanical & Chemical, Small Shrubs, Heavy Infestation	ac	$11.96
314	Brush Management	Mechanical & Chemical, Small Shrubs, Medium Infestation	ac	$10.30
314	Brush Management	Mechanical, Large Shrubs, Heavy Infestation	ac	$46.83
314	Brush Management	Mechanical, Large Shrubs, Medium Infestation	ac	$37.52
314	Brush Management	Mechanical, Large Shrubs, Light Infestation	ac	$23.05
314	Brush Management	Mechanical, Small Shrubs, Heavy Infestation	ac	$9.43
314	Brush Management	Mechanical, Small Shrubs, Medium Infestation	ac	$8.04
314	Brush Management	Mechanical, Small Shrubs, Light Infestation	ac	$6.65
314	Brush Management	Mechanical, Hand tools, Heavy	ac	$10.83
314	Brush Management	Juniper Chaining, one pass	ac	$8.42
314	Brush Management	Mechanical & Chemical, Small Shrubs, Light Infestation	ac	$8.90
315	Herbaceous Weed Control	Mechanical	ac	$2.09
315	Herbaceous Weed Control	Chemical, Spot	ac	$3.91
315	Herbaceous Weed Control	Mechanical, Hand	ac	$6.38
315	Herbaceous Weed Control	mechanical and chemical	ac	$10.03
315	Herbaceous Weed Control	Chemical, Aerial	ac	$3.29
315	Herbaceous Weed Control	split-method and event series	ac	$9.19
315	Herbaceous Weed Control	Chemical, Ground	ac	$4.06
315	Herbaceous Weed Control	hand and chemical	ac	$8.50

Code	Practice	Component	Units	Unit Cost
319	On-Farm Secondary Containment Facility	Concrete Containment Wall	CuYd	$109.26
319	On-Farm Secondary Containment Facility	Modular Block Containment Wall	sq ft	$2.90
319	On-Farm Secondary Containment Facility	Corrugated Metal Wall Containment	sq ft	$2.83
319	On-Farm Secondary Containment Facility	Earthen Containment	CuYd	$12.01
319	On-Farm Secondary Containment Facility	Double Wall Tank	gal	$0.13
324	Deep Tillage	Deep Tillage more than 20 inches	ac	$5.68
324	Deep Tillage	Deep Tillage less than 20 inches	ac	$2.14
327	Conservation Cover	Introduced Species	ac	$15.25
327	Conservation Cover	Native Species	ac	$18.46
327	Conservation Cover	Orchard or Vineyard Alleyways	ac	$10.38
327	Conservation Cover	Pollinator Species	ac	$108.52
327	Conservation Cover	Monarch Species Mix	ac	$140.03
327	Conservation Cover	Native Species, Foregone income, Irrigated Crop	ac	$56.95
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	$1.34
328	Conservation Crop Rotation	Irrigated to Dryland Rotation Organic and Non-Organic	ac	$8.21
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	ac	$3.56
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	ac	$2.07
329	Residue and Tillage Management, No Till	No Till Adaptive Management	Ea	$338.75
333	Amending Soils with Gypsum Products	Gypsum greater than 1 ton rate	ac	$6.66
333	Amending Soils with Gypsum Products	Gypsum less than 1 ton per acre	ac	$3.87
334	Controlled Traffic Farming	Controlled Traffic	ac	$5.64
340	Cover Crop	Cover Crop- Basic, Organic/Non-Organic, Winter Kill	ac	$6.49
340	Cover Crop	Cover Crop - Basic Organic	ac	$10.12
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	ac	$9.29
340	Cover Crop	Cover Crop - Adaptive Management	Ea	$285.64
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	ac	$8.28
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	ac	$59.55
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	ac	$98.00
342	Critical Area Planting	Hand Seed and Incorporate	ac	$72.84
342	Critical Area Planting	Drill Seed	ac	$41.29
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	ac	$22.45

Code	Practice	Component	Units	Unit Cost
345	Residue and Tillage management, Reduced till	Residue and Tillage Management, Reduced Till	ac	$2.45
345	Residue and Tillage management, Reduced till	Mulch till-Adaptive Management	Ea	$401.28
348	Dam, Diversion	Earth Fill-Grouted Rock	CuYd	$4.18
348	Dam, Diversion	Gabion Structure	CuYd	$14.59
348	Dam, Diversion	Sheet Pile Structure	sq ft	$4.27
348	Dam, Diversion	Rock/Gravel Fill	CuYd	$5.49
348	Dam, Diversion	Reinforced Concrete Dam Diversion	CuYd	$46.73
348	Dam, Diversion	Earth Fill	CuYd	$0.80
373	Dust Control on Unpaved Roads and Surfaces	Polymer Emulsion Application - Once per Year	SqYd	$0.26
373	Dust Control on Unpaved Roads and Surfaces	Clay Additive Application - Once per Year	SqYd	$2.20
373	Dust Control on Unpaved Roads and Surfaces	Petroleum Emulsion Application - Once per Year	SqYd	$0.29
373	Dust Control on Unpaved Roads and Surfaces	Lignosulfonate Application - Once per Year	SqYd	$0.10
373	Dust Control on Unpaved Roads and Surfaces	Hygroscopic Salt Application - Once per Year	SqYd	$0.12
373	Dust Control on Unpaved Roads and Surfaces	Petroleum-Based Road Oil Application - Once per Year	SqYd	$0.22
373	Dust Control on Unpaved Roads and Surfaces	Water Application - Once per Week	SqYd	$0.09
373	Dust Control on Unpaved Roads and Surfaces	Water Application - Twice per Day	SqYd	$0.15
373	Dust Control on Unpaved Roads and Surfaces	Water Application - Once per Day	SqYd	$0.12
374	Farmstead Energy Improvement	Heating - Radiant Systems	Ea	$151.46
374	Farmstead Energy Improvement	Water Heating - High Efficiency or Tankless Water Heater	Ea	$306.66
374	Farmstead Energy Improvement	Washer - Extractor	Ea	$807.86
374	Farmstead Energy Improvement	Ventilation - Replacement of Less Efficient Circulation Fan with High Volume Low Speed Fan	Ea	$551.00
374	Farmstead Energy Improvement	Water Heating - Compressor Heat Recovery	Ea	$377.76
374	Farmstead Energy Improvement	Low Energy Livestock Waterers	Ea	$111.15
374	Farmstead Energy Improvement	Grain Dryer	Bu/Hr	$9.48
374	Farmstead Energy Improvement	Heating - Attic Heat Recovery vents	Ea	$15.96
374	Farmstead Energy Improvement	Heating (Building)	kBTU/Hr	$1.25
374	Farmstead Energy Improvement	Motor Upgrade 10 - 100 HP	HP	$14.34
374	Farmstead Energy Improvement	Ventilation - HAF	Ea	$21.64
374	Farmstead Energy Improvement	Motor Upgrade > 1 and < 10 HP	HP	$16.30
374	Farmstead Energy Improvement	Motor Upgrade <= 1 HP	Ea	$58.71

Code	Practice	Component	Units	Unit Cost
374	Farmstead Energy Improvement	Motor Upgrade > 100 HP	Ea	$13.85
374	Farmstead Energy Improvement	Automatic Controller System	Ea	$161.76
374	Farmstead Energy Improvement	Variable Speed Drive > 5 HP	HP	$22.20
374	Farmstead Energy Improvement	Scroll Compressor	HP	$84.18
374	Farmstead Energy Improvement	Plate Cooler	Ea	$686.33
374	Farmstead Energy Improvement	Ventilation - Exhaust	Ea	$141.07
376	Field Operation Emissions Reduction	Two Crops Per Year	ac	$3.18
376	Field Operation Emissions Reduction	One Crop Per Year	ac	$1.59
378	Pond	Embankment Pond with Pipe	CuYd	$0.59
378	Pond	Embankment Pond without Pipe	CuYd	$0.37
380	Windbreak/Shelterbelt Establishment	1 row windbreak, shrubs, hand planted	ft	$0.22
381	Silvopasture Establishment	Non-commercial thinning & establishment of native grasses.	ac	$59.40
381	Silvopasture Establishment	Tree establishment	ac	$17.23
381	Silvopasture Establishment	Commercial Thin & Est NTV Grass	ac	$43.38
381	Silvopasture Establishment	Commercial thinning & establishment of introduced grasses.	ac	$33.46
381	Silvopasture Establishment	Non-commercial thinning & establishment of introduced grasses.	ac	$49.48
381	Silvopasture Establishment	Native grasses established in existing tree stand	ac	$33.82
381	Silvopasture Establishment	Introduced grasses established into existing tree stand	ac	$21.93
381	Silvopasture Establishment	Tree and introduced grass establishment	ac	$38.55
381	Silvopasture Establishment	Tree and native grass establishment	ac	$46.01
382	Fence	Woven Wire	ft	$0.27
382	Fence	Multi Strand Barbed/Smooth Wire	ft	$0.21
382	Fence	Multi Strand Barbed or smooth Wire Difficult terrain	ft	$0.28
382	Fence	Electric	ft	$0.17
382	Fence	Safety	ft	$0.47
382	Fence	Wildlife Exclusion	ft	$0.43
382	Fence	Temporary	ft	$0.06
382	Fence	Pole Fence	ft	$0.95
382	Fence	Multi Strand Barbed or Smooth Wire Very Difficult terrain	ft	$0.37
383	Fuelbreak	Lop and Scatter, heavy	ac	$16.70
383	Fuelbreak	Hand Fuel Break	ac	$136.86

Code	Practice	Component	Units	Unit Cost
383	Fuelbreak	Nonsprouting Species - Mechanical	ac	$135.35
383	Fuelbreak	Sprouting Species - Mechanical	ac	$99.70
383	Fuelbreak	PJ Mechanical Removal - Low Density	ac	$12.53
383	Fuelbreak	PJ Mechanical Removal - Moderate Density	ac	$19.67
383	Fuelbreak	PJ Mechanical Removal - High Density	ac	$31.25
383	Fuelbreak	Lop and Scatter, light	ac	$6.06
383	Fuelbreak	Non Forest Fuel Break	ac	$15.00
383	Fuelbreak	Lop and Scatter, medium	ac	$10.90
384	Woody Residue Treatment	Orchard/Vineyard prunings/removals	ac	$22.94
384	Woody Residue Treatment	Restoration/conservation treatment following catastrophic events	ac	$75.60
384	Woody Residue Treatment	Forest Slash Treatment - Heavy	ac	$36.81
384	Woody Residue Treatment	Chipping and hauling off-site	ac	$24.18
384	Woody Residue Treatment	Piling and Burning	ac	$15.23
384	Woody Residue Treatment	Lop and Scatter, heavy	ac	$13.77
384	Woody Residue Treatment	Lop and Scatter, medium	ac	$8.96
384	Woody Residue Treatment	Lop and Scatter, light	ac	$5.22
384	Woody Residue Treatment	Woody residue/silvicultural slash treatment- light	ac	$17.24
386	Field Border	Field Border, Introduced Species	ac	$8.92
386	Field Border	Field Border, Pollinator	ac	$105.17
386	Field Border	Field Border, Native Species	ac	$12.71
390	Riparian Herbaceous Cover	Plugging and Seeding	ac	$374.24
390	Riparian Herbaceous Cover	Warm & Cool Season Plants	ac	$191.05
390	Riparian Herbaceous Cover	Aquatic Wildlife	ac	$306.24
391	Riparian Forest Buffer	Cuttings	ac	$523.67
391	Riparian Forest Buffer	large container, hand planted	ac	$443.25
391	Riparian Forest Buffer	Small container, machine planted	ac	$185.43
391	Riparian Forest Buffer	Small container, hand planted	ac	$282.01
391	Riparian Forest Buffer	Bare-root, hand planted	ac	$216.37
391	Riparian Forest Buffer	Seeding	ac	$23.83
391	Riparian Forest Buffer	Bare-root, machine planted	ac	$127.00
393	Filter Strip	Filter Strip, Introduced species	ac	$17.83

Code	Practice	Component	Units	Unit Cost
393	Filter Strip	Filter Strip, Native species	ac	$16.78
394	Firebreak	Constructed - Medium equipment, steep slopes	ac	$256.34
394	Firebreak	Vegetated permanent firebreak	ac	$12.68
394	Firebreak	Constructed - Wide, bladed or disked firebreak	ac	$441.89
394	Firebreak	Constructed - Light Equipment	ac	$10.69
394	Firebreak	Constructed - Medium equipment, flat-medium slopes	ac	$81.86
395	Stream Habitat Improvement and Management	Riparian Zone Improvement-Forested	ac	$754.06
395	Stream Habitat Improvement and Management	Instream wood placement	ac	$1,525.32
395	Stream Habitat Improvement and Management	Instream rock placement	ac	$961.48
395	Stream Habitat Improvement and Management	Rock and wood structures	ac	$2,893.19
395	Stream Habitat Improvement and Management	Fish Barrier	CuYd	$654.22
396	Aquatic Organism Passage	Concrete Box Culvert	Ea	$5,592.79
396	Aquatic Organism Passage	Alaskan Steeppass	ft	$1,089.74
396	Aquatic Organism Passage	Rotating Drum Screen	cfs	$117.36
396	Aquatic Organism Passage	Low Water Crossing	CuYd	$67.59
396	Aquatic Organism Passage	Complex Denil	ft	$7,849.24
396	Aquatic Organism Passage	Concrete Ladder	ft	$1,550.87
396	Aquatic Organism Passage	Bridge	ft	$327.80
396	Aquatic Organism Passage	CMP Culvert	Ea	$3,118.81
396	Aquatic Organism Passage	Nature-Like Fishway	ac	$10,654.83
396	Aquatic Organism Passage	Blockage Removal	CuYd	$10.47
396	Aquatic Organism Passage	Earthen Dam Removal	CuYd	$6.42
396	Aquatic Organism Passage	Paddlewheel Screen	cfs	$947.73
396	Aquatic Organism Passage	Concrete Dam Removal	CuYd	$15.15
396	Aquatic Organism Passage	Bottomless Culvert	Ea	$4,550.19
399	Fishpond Management	Invasive Weed Species - Chemical	ac	$27.90
399	Fishpond Management	Depth Management	ac	$343.76
399	Fishpond Management	Planting Native Vegetation	ac	$134.91
399	Fishpond Management	Aerator, subsurface	ac	$386.84
399	Fishpond Management	Aerator, surface	ac	$155.71
399	Fishpond Management	Habitat Structures	ac	$154.90

Code	Practice	Component	Units	Unit Cost
410	Grade Stabilization Structure	Embankment, Soil Treatment	CuYd	$0.99
410	Grade Stabilization Structure	Pipe Drop, Steel	DiaInFt	$0.32
410	Grade Stabilization Structure	Rock Drop Structures - remote locations	sq ft	$17.17
410	Grade Stabilization Structure	Weir Drop Structures	sq ft	$9.87
410	Grade Stabilization Structure	Pipe Drop, Plastic	DiaInFt	$0.66
410	Grade Stabilization Structure	Rock and Brush Structure/Zuni Bowls	CuYd	$10.27
410	Grade Stabilization Structure	Embankment, Pipe 8-12 inch	CuYd	$0.66
410	Grade Stabilization Structure	Log Drop Structures	Ea	$496.75
410	Grade Stabilization Structure	Embankment, Pipe <= 6 inch	CuYd	$0.55
410	Grade Stabilization Structure	Rock Dam	sq ft	$1.09
410	Grade Stabilization Structure	Check Dams	ton	$5.19
410	Grade Stabilization Structure	Rock Drop Structures	sq ft	$14.53
410	Grade Stabilization Structure	Embankment, Pipe >12 inch	CuYd	$0.78
412	Grassed Waterway	Waterway	ac	$164.78
412	Grassed Waterway	Waterway - with Fabric Check Structures	ac	$251.53
430	Irrigation Pipeline	HDPE (Corrugated Plastic Pipe)	Lb	$0.29
430	Irrigation Pipeline	PVC PIP, Remote Location or Adverse Installation Conditions	Lb	$0.43
430	Irrigation Pipeline	Steel (Corrugated Steel Pipe)	Lb	$0.14
430	Irrigation Pipeline	PVC Pipe >= 10 inch	Lb	$0.29
430	Irrigation Pipeline	Steel (Iron Pipe Size)	Lb	$0.23
430	Irrigation Pipeline	Micro Hydro-mechanical Power Plant	HP	$171.19
430	Irrigation Pipeline	Micro Hydroelectric Power Plant	kw	$367.92
430	Irrigation Pipeline	Surface HDPE (Iron Pipe Size & Tubing)	Lb	$0.34
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing)	Lb	$0.32
430	Irrigation Pipeline	PVC Pipe >= 10 inch with boring	Lb	$0.46
430	Irrigation Pipeline	PVC Pipe <= 8 inch with alfalfa valves	Lb	$0.44
430	Irrigation Pipeline	PVC Pipe <= 8 inch with boring	Lb	$1.15
430	Irrigation Pipeline	PVC Pipe <= 8 inch	Lb	$0.38
430	Irrigation Pipeline	PVC Pipe >= 10 inch with alfalfa valves	Lb	$0.34
441	Irrigation System, Microirrigation	Small Farm	ac	$117.28
441	Irrigation System, Microirrigation	Windbreak Surface PE	ac	$110.08

Code	Practice	Component	Units	Unit Cost
441	Irrigation System, Microirrigation	Hoop House Surface Microirrigation	sq ft	$0.02
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation)	ac	$201.52
441	Irrigation System, Microirrigation	Surface PE with emitters	ac	$92.82
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation) Existing Filter Station	ac	$171.34
441	Irrigation System, Microirrigation	Microjet	ac	$308.44
442	Sprinkler System	Renovation of Existing Sprinkler System	ft	$0.84
442	Sprinkler System	Center Pivot System, 101 or Larger Acres	ac	$87.53
442	Sprinkler System	Center Pivot System, 61-100 Acres	ac	$108.13
442	Sprinkler System	Handline	ac	$27.83
442	Sprinkler System	Pod System	Ea	$26.62
442	Sprinkler System	Traveling Gun System, > 3 inch Hose	Ea	$4,796.20
442	Sprinkler System	Traveling Gun System, < 2 inch Hose	Ea	$1,225.73
442	Sprinkler System	Solid Set System	ac	$497.23
442	Sprinkler System	Center Pivot, poly lined	ac	$98.75
442	Sprinkler System	Wheel Line System	ft	$1.77
442	Sprinkler System	Linear Move, poly lined	ft	$11.29
442	Sprinkler System	Linear Move System	ft	$10.25
442	Sprinkler System	Traveling Gun System, 2 to 3 inch Hose	Ea	$2,424.07
442	Sprinkler System	Center Pivot, 0-60 Acres	ac	$186.05
443	Irrigation System, Surface and Subsurface	Surge Valve & Controller	Ea	$228.13
443	Irrigation System, Surface and Subsurface	Polyvinyl Chloride (PVC) - Connection, Riser and Stand Pipe	Ea	$6.62
443	Irrigation System, Surface and Subsurface	Poly Irrigation Tubing	Lb	$0.32
443	Irrigation System, Surface and Subsurface	Aluminum Gated Pipe	Lb	$0.45
443	Irrigation System, Surface and Subsurface	Polyvinyl Chloride (PVC) Gated Pipe	Lb	$0.22
449	Irrigation Water Management	Soil Moist Sensors_1stYr	Ea	$132.57
449	Irrigation Water Management	Basic IWM <= 30 acres	ac	$3.56
449	Irrigation Water Management	Advanced Weather Station and Soil Moisture Sensors 1st Year	ac	$7.40
449	Irrigation Water Management	Advanced Weather Station and Soil Moisture Sensors Years 2+	ac	$3.07
449	Irrigation Water Management	SoilMoist Sens.w.DataLogrs1stYR	Ea	$195.85
449	Irrigation Water Management	Advanced IWM <= 30 acres	ac	$5.94
449	Irrigation Water Management	Intermediate IWM > 30 acres	ac	$1.64

Code	Practice	Component	Units	Unit Cost
449	Irrigation Water Management	Basic IWM > 30 acres	ac	$1.28
449	Irrigation Water Management	Intermediate IWM <= 30 acres	ac	$4.75
449	Irrigation Water Management	Advanced IWM > 30 acres	ac	$2.00
464	Irrigation Land Leveling	Irrigation Land Leveling	CuYd	$0.23
466	Land Smoothing	Minor Shaping	ac	$10.32
472	Access Control	Forest/Farm Access Control	ft	$0.01
472	Access Control	Monitoring, maintenance, additional labor	ac	$2.61
472	Access Control	Animal exclusion from sensitive areas	ft	$0.01
472	Access Control	Trails/Roads Access Control	Ea	$57.29
484	Mulching	Erosion Control Blanket	sq ft	$0.02
484	Mulching	Synthetic Material	ft	$0.17
484	Mulching	Tree and Shrub squares	Ea	$0.25
484	Mulching	Natural Material - Partial Coverage	ac	$3.98
484	Mulching	Natural Material - Full Coverage	ac	$39.74
484	Mulching	Organic Material	ac	$21.63
490	Tree/Shrub Site Preparation	Hand site preparation	ac	$23.07
490	Tree/Shrub Site Preparation	Mechanical - Heavy	ac	$25.78
490	Tree/Shrub Site Preparation	Windbreak, mechanical only	ac	$9.15
490	Tree/Shrub Site Preparation	Windbreak, chemical and mechanical	ac	$25.96
490	Tree/Shrub Site Preparation	Chemical - Aerial Application	ac	$5.68
490	Tree/Shrub Site Preparation	Mechanical - Light	ac	$8.85
490	Tree/Shrub Site Preparation	Chemical - Ground Application	ac	$14.63
490	Tree/Shrub Site Preparation	Chemical - Hand Application	ac	$10.53
511	Forage Harvest Management	Improved Forage Quality	ac	$0.54
511	Forage Harvest Management	Organic Preemptive Harvest	ac	$0.54
511	Forage Harvest Management	Perennial Crops - Delayed Mowing	ac	$0.70
511	Forage Harvest Management	Double cropping - Delayed harvest and subsequent planting	ac	$0.86
512	Forage and Biomass Planting	Introduced Cool Season Grasses with Legumes	ac	$15.05
512	Forage and Biomass Planting	Native perennial, Conversion from Dryland cropland, w/FI	ac	$43.18
512	Forage and Biomass Planting	Conversion from Irrigated cropland, lower value crops, w/FI	ac	$66.31
512	Forage and Biomass Planting	Native perennial, Conversion from Irrigated cropland, w/FI	ac	$70.48

Code	Practice	Component	Units	Unit Cost
512	Forage and Biomass Planting	Overseeding Legumes	ac	$14.69
512	Forage and Biomass Planting	Grass Establishment-Sprigging	ac	$23.44
512	Forage and Biomass Planting	Introduced Warm Season Grasses with Low Input	ac	$12.12
512	Forage and Biomass Planting	Introduced Cool Season Grasses with Legumes with Low Input	ac	$8.62
512	Forage and Biomass Planting	Native Perennial 2 or more species with Low Input	ac	$21.76
512	Forage and Biomass Planting	Native Perennial 2 or more species	ac	$26.50
512	Forage and Biomass Planting	Native Perennial 1 species Low Input	ac	$12.56
512	Forage and Biomass Planting	Native Perennial 1 species	ac	$17.92
512	Forage and Biomass Planting	Introduced Warm Season Grasses	ac	$18.55
516	Livestock Pipeline	Surface HDPE (Iron Pipe Size & Tubing)	Lb	$0.31
516	Livestock Pipeline	HDPE (Iron Pipe Size & Tubing)	Lb	$0.55
516	Livestock Pipeline	HDPE (Iron Pipe Size & Tubing) - Remote locations	Lb	$0.57
516	Livestock Pipeline	Surface Steel (Iron Pipe Size)	Lb	$0.23
516	Livestock Pipeline	Steel (Iron Pipe Size)	Lb	$0.27
516	Livestock Pipeline	HDPE (Iron Pipe Size & Tubing) < 3 inch Boring	Lb	$0.66
516	Livestock Pipeline	PVC (Iron Pipe Size)	Lb	$0.54
516	Livestock Pipeline	PVC (Iron Pipe Size) > 3 inch Boring	Lb	$0.70
516	Livestock Pipeline	PVC (Iron Pipe Size) < 3 inch Boring	Lb	$0.64
516	Livestock Pipeline	HDPE (Iron Pipe Size & Tubing) >3 inch Boring	Lb	$0.72
528	Prescribed Grazing	Range, Basic, More than 10,000 acres	ac	$0.02
528	Prescribed Grazing	Range, Basic, Less than 1500 acres	ac	$0.14
528	Prescribed Grazing	Range, Basic, 1500- 10,000 acres	ac	$0.04
528	Prescribed Grazing	Targeted Grazing	Hd/Day	$0.27
528	Prescribed Grazing	Range Deferment	ac	$1.19
528	Prescribed Grazing	Pasture Intensive	ac	$2.75
528	Prescribed Grazing	Habitat Mgt. Long Term Monitoring	ac	$2.48
528	Prescribed Grazing	Range Long Term Monitoring	ac	$1.03
533	Pumping Plant	Water Ram Pump	Ea	$209.37
533	Pumping Plant	Photovoltaic Pump Greater than 1000 Watts	Ea	$1,131.79
533	Pumping Plant	Photovoltaic Pump 250-1000 Watts	Ea	$693.79
533	Pumping Plant	Photovoltaic Pump Less Than or Equal to 250 Watts	Ea	$469.44

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Variable Frequency Drive	HP	$22.20
533	Pumping Plant	Electric Power Pump Greater than 30 hp	HP	$29.13
533	Pumping Plant	Electric-Powered Pump >75	BHP	$22.51
533	Pumping Plant	Electric Power Pump 10 to 30 hp	HP	$32.39
533	Pumping Plant	Rebowling	Ea	$1,460.47
533	Pumping Plant	Livestock Nose Pump	Ea	$125.99
533	Pumping Plant	Electric-Powered Pump <30 hp <=75	HP	$39.99
533	Pumping Plant	Windmill-Powered Pump	ft	$98.77
533	Pumping Plant	Tractor Power Take Off (PTO) Pump	HP	$13.01
533	Pumping Plant	Internal Combustion-Powered Pump > 70 HP	HP	$42.83
533	Pumping Plant	Internal Combustion-Powered Pump <= 50HP	HP	$74.13
533	Pumping Plant	Internal Combustion-Powered Pump10 to 50HP	HP	$75.13
533	Pumping Plant	Electric-Powered Pump 5-10 HP	HP	$128.92
533	Pumping Plant	Electric-Powered Pump <= 5 HP with Pressure Tank	HP	$181.35
533	Pumping Plant	Electric-Powered Pump <= 5 Hp	HP	$86.25
533	Pumping Plant	Internal Combustion-Powered Pump > 50 to 70 HP	HP	$54.95
533	Pumping Plant	Photovoltaic-Powered Pump - Remote Locations	Ea	$511.66
550	Range Planting	Native perennial, Conversion from Irrigated cropland, w/FI	ac	$64.38
550	Range Planting	Native perennial, Conversion from Dryland cropland, w/FI	ac	$56.83
550	Range Planting	Non-Native - Standard prep	ac	$9.58
550	Range Planting	Native -Standard prep	ac	$15.48
550	Range Planting	Pollinator - small acreage	ac	$45.29
550	Range Planting	Non-Native - Aerial Application Only	ac	$5.58
550	Range Planting	Native -Wildlife or Pollinator	ac	$25.17
550	Range Planting	Native -Heavy	ac	$17.07
550	Range Planting	Native - Aerial Application Only	ac	$12.97
550	Range Planting	Non-Native - heavy prep	ac	$11.17
554	Drainage Water Management	Drainage Water Management (DWM)	Ea	$10.18
558	Roof Runoff Structure	Concrete Curb	ft	$1.28
558	Roof Runoff Structure	Trench Drain	ft	$1.20
558	Roof Runoff Structure	Roof Gutter, 6 inches wide with runoff Storage Tank	ft	$1.64

Code	Practice	Component	Units	Unit Cost
558	Roof Runoff Structure	Roof Gutter with Fascia	ft	$2.21
558	Roof Runoff Structure	Roof Gutter, Medium, 7 to 9 inches wide	ft	$1.68
558	Roof Runoff Structure	Roof Gutter, Small, 6 inches wide and smaller	ft	$1.15
561	Heavy Use Area Protection	Rock/Gravel on Geotextile	sq ft	$0.11
561	Heavy Use Area Protection	Rock/Gravel-GeoCell-Geotextile	sq ft	$0.42
561	Heavy Use Area Protection	Fly Ash on Geotextile	sq ft	$0.22
561	Heavy Use Area Protection	Bituminous Concrete Pavement	sq ft	$0.32
561	Heavy Use Area Protection	Reinforced Concrete with sand or gravel foundation	sq ft	$0.47
574	Spring Development	Spring Development	Ea	$410.79
574	Spring Development	Spring Development - Remote Locations	Ea	$474.12
576	Livestock Shelter Structure	Permanent Fabricated Wind Shelter, equal to or greater than 8 foot	ft	$3.64
576	Livestock Shelter Structure	Prefabricated Portable Shade Structure	sq ft	$0.53
576	Livestock Shelter Structure	Portable Shade Structure	sq ft	$0.43
576	Livestock Shelter Structure	Portable Fabricated Wind Shelter, equal to or greater than 8 foot	ft	$4.34
578	Stream Crossing	Bridge	sq ft	$6.03
578	Stream Crossing	Low water crossing using prefabricated products	sq ft	$0.85
578	Stream Crossing	Hard armored low water crossing	sq ft	$0.50
580	Streambank and Shoreline Protection	Vegetative	ft	$1.82
580	Streambank and Shoreline Protection	Bioengineered	ft	$4.52
580	Streambank and Shoreline Protection	Structural	CuYd	$8.09
580	Streambank and Shoreline Protection	Toe Wood	sq ft	$0.36
587	Structure for Water Control	chemigation valve <12 inch	In	$4.61
587	Structure for Water Control	Sheet Piling Structure	sq ft	$5.22
587	Structure for Water Control	Flow Meter with Electronic Index & Telemetry	In	$54.00
587	Structure for Water Control	Wood irrigation Structures	sq ft	$0.45
587	Structure for Water Control	Large, in-stream, Concrete Irrigation Water Diversion Structure	CuYd	$161.69
587	Structure for Water Control	Pressure Regulating Station	Ea	$470.22
587	Structure for Water Control	Culvert >= 30 inches HDPE	DiaInFt	$0.20
587	Structure for Water Control	Culvert >= 30 inches CMP	DiaInFt	$0.21
587	Structure for Water Control	Alfalfa, orchard valve	In	$5.13
587	Structure for Water Control	Steel Fabrication	Lb	$0.35

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	Inline valve >=12 inch	In	$17.76
587	Structure for Water Control	Cleaning Screens	Lb	$1.11
587	Structure for Water Control	Chemigation valve >=12 inch	In	$10.91
587	Structure for Water Control	Inline Valve less than 12 inch	In	$3.19
587	Structure for Water Control	Culvert <30 inches HDPE	InFt	$0.23
587	Structure for Water Control	Inlet Flashboard Riser, Metal	InFt	$0.27
587	Structure for Water Control	Surge Valve	Ea	$223.63
587	Structure for Water Control	Commercial Inline Flashboard Riser	Ea	$600.87
587	Structure for Water Control	Flow Meter with Electronic Index	In	$39.42
587	Structure for Water Control	Culvert <30 inches CMP	InFt	$0.26
587	Structure for Water Control	Slide Gate	In	$1.26
587	Structure for Water Control	Rock Checks for Water Surface Profile	ton	$8.22
587	Structure for Water Control	Screw - Flap Gate	In	$7.05
587	Structure for Water Control	CMP Turnout	Ea	$74.36
587	Structure for Water Control	Concrete Turnout Structure	CuYd	$121.19
587	Structure for Water Control	Concrete Turnout Structure - Small	Ea	$301.71
587	Structure for Water Control	Flow Meter with Mechanical Index	In	$20.66
587	Structure for Water Control	Concrete Turnout Structure - high flow	Ea	$588.41
587	Structure for Water Control	Inline Flashboard Riser, Metal	InFt	$0.29
587	Structure for Water Control	HDPE Turnout	no	$45.06
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	ac	$3.48
590	Nutrient Management	Adaptive NM	Ea	$273.71
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	$1.89
590	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	$0.88
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	ac	$5.35
595	Integrated Pest Management	Basic IPM Field 1RC	ac	$1.79
595	Integrated Pest Management	Basic IPM Orchard >1RC	ac	$19.53
595	Integrated Pest Management	Risk Prevention IPM All RCs	ac	$15.70
595	Integrated Pest Management	Advanced IPM S-Farm All RCs	Ea	$117.19
595	Integrated Pest Management	IPM S-Farm >1RC	Ea	$78.12
595	Integrated Pest Management	IPM S-Farm 1RC	Ea	$60.82

Code	Practice	Component	Units	Unit Cost
595	Integrated Pest Management	Advanced IPM Orchard All RCs	ac	$29.79
595	Integrated Pest Management	Advanced IPM Fruit/Veg All RCs	ac	$19.53
595	Integrated Pest Management	Basic IPM Fruit/Veg >1RC	ac	$12.81
595	Integrated Pest Management	Basic IPM Fruit/Veg 1RC	ac	$9.99
595	Integrated Pest Management	Basic IPM Field >1RC	ac	$2.42
595	Integrated Pest Management	Advanced Field All RCs	ac	$3.59
595	Integrated Pest Management	Basic IPM Orchard 1RC	ac	$12.81
610	Salinity and Sodic Soil Management	Soil Management (non-Irrigated)	ac	$1.87
610	Salinity and Sodic Soil Management	Soil Management (Irrigated)	ac	$2.04
610	Salinity and Sodic Soil Management	Soil Management (Irrigated Gypsum)	ac	$13.21
610	Salinity and Sodic Soil Management	Small Farm<10acres (Irrigated)	ac	$19.39
612	Tree/Shrub Establishment	High Density planting	ac	$71.58
612	Tree/Shrub Establishment	Shrub Planting	ac	$22.48
612	Tree/Shrub Establishment	Hardwood Est.-Direct Seeding	ac	$11.59
612	Tree/Shrub Establishment	Hardwood Hand Planting-bare root-protected	ac	$63.63
612	Tree/Shrub Establishment	Medium Density-Conifer	ac	$27.17
612	Tree/Shrub Establishment	Medium Density-hand plant Conifer, protect from widlife	ac	$44.85
612	Tree/Shrub Establishment	Individual tree - hand planting w/browse protection	Ea	$0.30
612	Tree/Shrub Establishment	Individual tree, small - hand planting	Ea	$0.16
612	Tree/Shrub Establishment	Individual tree, medium - hand planting	Ea	$0.56
612	Tree/Shrub Establishment	Individual tree, large - hand planting	Ea	$1.17
612	Tree/Shrub Establishment	Hardwood Planting 1 gal pots	ac	$90.00
612	Tree/Shrub Establishment	Medium Density-hand plant Conifer	ac	$28.00
614	Watering Facility	Permanent Drinking/Storage >5000 Gallons	gal	$0.11
614	Watering Facility	Frost Free Waterer	Ea	$114.50
614	Watering Facility	Permanent Drinking/Storage >1000-5000 Gallons	gal	$0.19
614	Watering Facility	Permanent Drinking/Storage > 500-1000 Gallons	gal	$0.25
614	Watering Facility	Permanent Drinking/Storage <500 Gallons	gal	$0.33
620	Underground Outlet	Underground Outlet <=6 inch with Riser	ft	$0.64
620	Underground Outlet	Underground Outlet - 8-12 inch	ft	$1.06
620	Underground Outlet	Underground Outlet - 8-12 inch with Riser	ft	$1.21

Code	Practice	Component	Units	Unit Cost
620	Underground Outlet	Underground Outlet - 14-18 inch	ft	$2.18
620	Underground Outlet	Underground Outlet - 20-24 inch	ft	$3.48
620	Underground Outlet	Underground Outlet <=6 inch	ft	$0.85
643	Restoration and Management of Rare and Declining Habitats	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	$3.83
643	Restoration and Management of Rare and Declining Habitats	Rock Structure	Ea	$69.57
643	Restoration and Management of Rare and Declining Habitats	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	$10.82
643	Restoration and Management of Rare and Declining Habitats	Micro Structures for arid land restoration	Ea	$15.10
643	Restoration and Management of Rare and Declining Habitats	Habitat Monitoring and Management, High Intensity and Complexity, with Forgone Income	ac	$3.82
643	Restoration and Management of Rare and Declining Habitats	Rare or Declining Habitat Monitoring and Management, Medium Intensity and Complexity, with Forgone Income	ac	$2.12
643	Restoration and Management of Rare and Declining Habitats	Habitat Monitoring and Management, Low Intensity and Complexity	ac	$0.43
643	Restoration and Management of Rare and Declining Habitats	Habitat Monitoring and Management, Very-Low Intensity and Complexity	ac	$0.10
643	Restoration and Management of Rare and Declining Habitats	Post Line-Wicker Weave	LnFt	$1.70
644	Wetland Wildlife Habitat Management	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	$10.82
644	Wetland Wildlife Habitat Management	Establishment of annual vegetation on cropland, with FI	ac	$44.06
644	Wetland Wildlife Habitat Management	Establishment of seasonal wildlife forage or cover on non-cropland	ac	$13.74
644	Wetland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	$3.83
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, High Intensity and Complexity, with Foregone Income	ac	$7.88
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, Medium Intensity and Complexity, with Foregone Income	ac	$4.19
644	Wetland Wildlife Habitat Management	Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	ac	$1.04
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, Very-Low Intensity and Complexity	ac	$0.10
644	Wetland Wildlife Habitat Management	Establishment of annuals for wildlife on cropland, without FI	ac	$9.18
645	Upland Wildlife Habitat Management	Monitoring and Mgmt, Low Intensity, no FI	ac	$0.61
645	Upland Wildlife Habitat Management	Monitoring and Mgmt, Medium Intensity with FI	ac	$1.97
645	Upland Wildlife Habitat Management	Monitoring and Mgmt, High Intensity with FI	ac	$3.04
645	Upland Wildlife Habitat Management	Monitoring and Management, Low Intensity with Foregone Income	ac	$0.99
645	Upland Wildlife Habitat Management	Establishment of seasonal wildlife forage or cover on cropland, no FI	ac	$9.18
645	Upland Wildlife Habitat Management	Establishment of seasonal forage or cover for wildlife on cropland, with FI	ac	$43.47

Code	Practice	Component	Units	Unit Cost
645	Upland Wildlife Habitat Management	Establishment of seasonal forage or cover for wildlife on non-cropland.	ac	$14.03
646	Shallow Water Development and Management	Shallow Water Management, High Level	ac	$24.70
646	Shallow Water Development and Management	Shallow Water Management	ac	$10.58
647	Early Successional Habitat Development/Management	Disking	ac	$9.52
647	Early Successional Habitat Development/Management	Mowing	ac	$23.42
649	Structures for Wildlife	Burrowing Owl Burrow	Ea	$38.90
649	Structures for Wildlife	Beaver Dam Template Structure	LnFt	$1.79
649	Structures for Wildlife	Open topped pipe capping	Ea	$2.72
649	Structures for Wildlife	Downed Large Wood-Upland	Ea	$34.78
649	Structures for Wildlife	Snag Creation	Ea	$2.46
649	Structures for Wildlife	Nesting Islands (set of 3)	Ea	$459.41
649	Structures for Wildlife	Lunkers	Ea	$306.83
649	Structures for Wildlife	Raptor Perch Pole	Ea	$56.32
649	Structures for Wildlife	Brush Pile - Large	Ea	$13.93
649	Structures for Wildlife	Brush Pile - Small	Ea	$3.38
649	Structures for Wildlife	Fence Markers, Vinyl Undersill	ft	$0.02
649	Structures for Wildlife	Escape Ramp	Ea	$3.99
649	Structures for Wildlife	Nesting Box or Raptor Perch, Large, with Pole	Ea	$26.41
649	Structures for Wildlife	Nesting Box, Large	Ea	$8.96
649	Structures for Wildlife	Nesting Box, Small, with wood pole	no	$5.74
649	Structures for Wildlife	Nesting Box, Small no pole	Ea	$3.59
649	Structures for Wildlife	Brush and Rock Piles	Ea	$2.67
650	Windbreak/Shelterbelt Renovation	Pruning	ft	$0.05
650	Windbreak/Shelterbelt Renovation	Supplemental Plantings-Bare Root	ac	$52.79
650	Windbreak/Shelterbelt Renovation	Supplemental Planting-Container	ac	$61.84
650	Windbreak/Shelterbelt Renovation	Coppicing	ac	$80.34
650	Windbreak/Shelterbelt Renovation	Removal > 8 inches DBH with Dozer	ft	$0.14
650	Windbreak/Shelterbelt Renovation	Thinning	ft	$0.06
650	Windbreak/Shelterbelt Renovation	Sod Release	ft	$0.01
650	Windbreak/Shelterbelt Renovation	Removal <8 inches DBH with Skidsteer	ft	$0.08
650	Windbreak/Shelterbelt Renovation	Tree/Shrub Removal with Chain Saw	ft	$0.05

Code	Practice	Component	Units	Unit Cost
660	Tree/Shrub Pruning	Pruning-Wildlife	ac	$21.42
660	Tree/Shrub Pruning	Pruning-Multistory Cropping Understory	Ea	$0.09
660	Tree/Shrub Pruning	Pruning- High Height	ac	$39.49
660	Tree/Shrub Pruning	Pruning-Low Height	ac	$14.50
660	Tree/Shrub Pruning	Pruning	ac	$20.63
660	Tree/Shrub Pruning	Pruning-Multistory Cropping-Overstory	Ea	$0.78
666	Forest Stand Improvement	Uneven-aged Silvicultural Rx Using Hand and Light Mechanized Equipment on Slopes Greater than 25%	ac	$202.47
666	Forest Stand Improvement	Even-aged Silvicultural Rx, Using Ground Based Heavy Equipment, on Slopes Less Than 25%	ac	$203.59
666	Forest Stand Improvement	Uneven-aged Silvicultural Rx, Using Ground Based Heavy Equipment, on Slopes Less than 25%	ac	$310.00
666	Forest Stand Improvement	Uneven-aged Silvicultural Rx Using Hand and Light Mechanized Equipment on Slopes Less than 25%	ac	$162.71
666	Forest Stand Improvement	Uneven-aged Silvicultural Rx Using Mastication Equipment on All Slopes	ac	$42.41
666	Forest Stand Improvement	Even-aged Outcomes Using Ground Based Logging on Slopes Greater Than 25%	ac	$248.04
666	Forest Stand Improvement	Even-aged Silvicultural Rx, Hand and Light Mechanized Equipment, on Slopes Less than 25%	ac	$156.32
666	Forest Stand Improvement	Even-aged Silvicultural Rx Using Mastication Equipment on All Slopes	ac	$34.17
666	Forest Stand Improvement	Intermediate Silvicultural Rx Silvicultural Rx Using Ground Based Logging/Heavy Equipment on all slopes	ac	$63.91
666	Forest Stand Improvement	Intermediate Silvicultural Rx by Handwork and Light Mechanical Equipment on all slopes	ac	$46.92
666	Forest Stand Improvement	Intermediate Silvicultural Rx Using Mastication Equipment on all slopes	ac	$22.98
666	Forest Stand Improvement	Even-aged Hand and Light Mechanized Equipment on Slopes Greater than 25%	ac	$195.10
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	ac	$2,382.36
B000BFF2	Buffer Bundle#2	Buffer Bundle#2	ac	$1,768.27
B000CPL10	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	ac	$154.82
B000CPL18	Crop Bundle #18 - Precision Ag	Crop Bundle #18 - Precision Ag	ac	$50.34
B000CPL19	Crop Bundle #19 - Soil Health Precision Ag	Crop Bundle #19 - Soil Health Precision Ag	ac	$47.14
B000CPL20	Crop Bundle #20 - Soil Health Assessment	Crop Bundle #20 - Soil Health Assessment	ac	$39.03
B000CPL21	Crop Bundle #21 - Crop Bundle (Organic)	Crop Bundle #21 - Crop Bundle (Organic)	ac	$53.72
B000CPL22	Crop Bundle #22 - Erosion Bundle (Organic)	Crop Bundle #22 - Erosion Bundle (Organic)	ac	$44.70

Code	Practice	Component	Units	Unit Cost
B000FST1	Forest Bundle#1	Forest Bundle#1	ac	$90.86
B000GRZ1	Grazing Bundle 1 - Range and Pasture	Grazing Bundle 1 - Range and Pasture	ac	$85.29
B000GRZ2	Grazing Bundle 2 - Range and Pasture	Grazing Bundle 2 - Range and Pasture	ac	$2,251.08
B000GRZ3	Grazing Bundle 3 - Range and Pasture	Grazing Bundle 3 - Range and Pasture	ac	$1,805.85
B000GRZ4	Grazing Bundle 4 - Range and Pasture	Grazing Bundle 4 - Range and Pasture	ac	$2,962.71
B000GRZ5	Grazing Bundle 5 - Range and Pasture	Grazing Bundle 5 - Range and Pasture	ac	$6.02
B000PST5	Pasture Bundle 5	Pasture Bundle #5	ac	$62.10
B000RNG4	Range Bundle 4	Range Bundle #4	ac	$89.51
E314133Z	Brush management for improved structure and composition	Brush mgmt, improved structure and comp	ac	$16.55
E314134Z	Brush management that maintains or enhances wildlife or fish habitat	Brush mgmt, enhance habitat	ac	$16.55
E315132Z	Herbaceous weed control for desired plant communities/habitats consistent with the ecological site	Herbaceous weed control-habitats	ac	$12.47
E315133Z	Herbaceous weed control (inadequate structure and comp) for desired plant communities/habitats	Herbaceous weed control-communities	ac	$12.47
E315134Z	Herbaceous weed control (plant pest pressures) for desired plant communities/habitats	Herbaceous weed control-pest pressures	ac	$12.47
E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	Conservation cover-pollinator food	ac	$305.57
E327136Z2	Establish Monarch butterfly habitat	Establish monarch butterfly habitat	ac	$1,790.18
E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	Conservation cover-pollinator shelter	ac	$305.57
E327139Z	Conservation cover to provide habitat continuity for pollinators and beneficial insects	Conservation cover-habitat continuity	ac	$305.57
E328101I	Improved resource conserving crop rotation to reduce water erosion	IRCCR water erosion	ac	$8.16
E328101R	Resource conserving crop rotation to reduce water erosion	RCCR water erosion	ac	$22.84
E328101Z	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	CRP trans crop rotation-water erosion	ac	$3.26
E328102I	Improved resource conserving crop rotation to reduce wind erosion	IRCCR wind erosion	ac	$8.16
E328102R	Resource conserving crop rotation to reduce wind erosion	RCCR wind erosion	ac	$22.84
E328102Z	Conservation crop rotation on recently converted CRP grass/legume cover for wind erosion	CRP trans crop rotation-wind erosion	ac	$3.26
E328106I	Improved resource conserving crop rotation for soil organic matter improvement	IRCCR for SOM improvement	ac	$8.16

Code	Practice	Component	Units	Unit Cost
E328106R	Resource conserving crop rotation for soil organic matter improvement	RCCR for SOM improvement	ac	$22.84
E328106Z1	Soil health crop rotation	Soil health crop rotation	ac	$5.44
E328106Z2	Modifications to improve soil health and increase soil organic matter	Mod to improve SH and SOM	ac	$10.51
E328106Z3	Conservation crop rotation on recently converted CRP grass/legume cover for SOM improvement	CRP trans crop rotation-SOM	ac	$5.44
E328107I	Improved resource conserving crop rotation to improve soil compaction	IRCCR to improve soil compaction	ac	$8.16
E328107R	Resource conserving crop rotation to improve soil compaction	RCCR to improve soil compaction	ac	$15.23
E328109Z	Conservation crop rotation to reduce the concentration of salts	Rotate to reduce salt concentration	ac	$4.35
E328118Z	Conservation crop rotation to reduce water quality degradation by utilization and removal of excess	Rotation to improve water quality	ac	$4.95
E328134I	Improved resource conserving crop rotation to relieve plant pest pressure	IRCCR to relieve plant pest pressure	ac	$8.16
E328134R	Resource conserving crop rotation to relieve plant pest pressure	RCCR to relieve plant pest pressure	ac	$22.84
E328136Z	Leave standing grain crops unharvested to benefit wildlife food sources	Leave standing grain crops for food	ac	$4.87
E328136Z2	Improved crop rotation to provide benefits to pollinators	Rotation to benefit pollinators	ac	$87.05
E328137Z	Leave standing grain crops unharvested to benefit wildlife cover and shelter	Leave standing grain crops for shelter	ac	$4.87
E329101Z	No till to reduce water erosion	No till to reduce water erosion	ac	$3.26
E329102Z	No till system to reduce wind erosion	No till system to reduce wind erosion	ac	$3.26
E329106Z	No till system to increase soil health and soil organic matter content	No till system to increase SH and SOM	ac	$4.35
E329114Z	No till to increase plant-available moisture: irrigation water	No till for IWM	ac	$3.26
E329115Z	No till to increase plant-available moisture: moisture management	No till for moisture mgmt	ac	$3.26
E329128Z	No till to reduce tillage induced particulate matter	No till to reduce PM	ac	$3.26
E329144Z	No till to reduce energy	No till to reduce energy	ac	$4.35
E334107Z	Controlled traffic farming to reduce compaction	Controlled traffic for compaction	ac	$7.69
E340101Z	Cover crop to reduce water erosion	Cover crop to reduce water erosion	ac	$7.25
E340102Z	Cover crop to reduce wind erosion	Cover crop to reduce wind erosion	ac	$7.25
E340106Z1	Intensive cover cropping to increase soil health and soil organic matter content	Cover cropping for SH and SOM	ac	$11.60
E340106Z2	Use of multi-species cover crops to improve soil health and increase soil organic matter	Multi-species cover crops	ac	$10.59
E340106Z3	Intensive cover cropping (orchard/vineyard floor) to increase soil health and SOM content	Cover cropping for orchards/vineyards	ac	$9.68
E340106Z4	Use of SHA to assist with development of cover crop mix to improve soil health and increase SOM	Soil health assessment	ac	$11.79

Code	Practice	Component	Units	Unit Cost
E340107Z	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	ac	$9.28
E340118Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water	Cover crop for WQ nutrients-runoff	ac	$9.28
E340119Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water	Cover crops for WQ nutrients-drainage	ac	$9.28
E340134Z	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crops for suppression	ac	$9.68
E345101Z	Reduced tillage to reduce water erosion	Reduced tillage to reduce water erosion	ac	$4.35
E345102Z	Reduced tillage to reduce wind erosion	Reduced tillage to reduce wind erosion	ac	$3.26
E345106Z	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage for SH and SOM	ac	$4.35
E345114Z	Reduced tillage to increase plant-available moisture: irrigation water	Reduced tillage for IWM	ac	$3.26
E345115Z	Reduced tillage to increase plant-available moisture: moisture management	Reduced tillage for moisture mgmt	ac	$3.26
E345128Z	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce PM	ac	$3.26
E345144Z	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	ac	$3.26
E374144Z1	Install variable frequency drive(s) on pump(s)	Variable frequency drives	BHP	$216.84
E374144Z2	Switch fuel source for pump motor(s)	Switch fuel source for pump motor(s)	HP	$7,979.53
E376128Z	Modify field operations to reduce particulate matter	Mod field ops to reduce PM	ac	$3.26
E382136Z	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Wildlife friendly fence for food access	ft	$0.15
E383135Z	Grazing-maintained fuel break to reduce the risk of fire	Grazed fuel break	ac	$239.93
E386101Z	Enhanced field borders to reduce water induced erosion along the edge(s) of a field	Field borders to reduce water erosion	ac	$655.35
E386102Z	Enhanced field borders to reduce wind induced erosion along the windward side(s) of a field	Field borders to reduce wind erosion	ac	$655.35
E386106Z	Enhanced field borders to increase carbon storage along the edge(s) of the field	Field borders to increase carbon storage	ac	$655.35
E386128Z	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Field borders to decrease particulates	ac	$655.35
E386136Z	Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	Field border to provide wildlife food	ac	$655.35
E386137Z	Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	Field border to provide wildlife cover	ac	$655.35
E386139Z	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	Field border to provide continuity	ac	$655.35
E390118Z	Increase riparian herbaceous cover width for nutrient reduction	Riparian herbaceous cover-nut reduction	ac	$520.96

Code	Practice	Component	Units	Unit Cost
E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	Riparian herbaceous cover-sed loading	ac	$520.96
E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat	Riparian herbaceous cover-habitat	ac	$720.81
E391118Z	Increase riparian forest buffer width for nutrient reduction	Riparian forest buffer-nut reduction	ac	$1,782.20
E391126Z	Increase riparian forest buffer width to reduce sediment loading	Riparian forest buffer-sed loading	ac	$1,804.71
E391127Z	Increase stream shading for stream temperature reduction	Shade stream to reduce temp	ac	$1,804.71
E391136Z	Increase riparian forest buffer width to enhance wildlife habitat	Riparian forest buffer-habitat	ac	$1,804.71
E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	Extend filter strips- nut runoff	ac	$872.97
E393122Z	Extend existing filter strip to reduce excess pathogens and chemicals in surface water	Extend filter strips-pathogen runoff	ac	$872.97
E393126Z	Extend existing filter strip to reduce excess sediment in surface water	Extend filter strips-sediment	ac	$872.97
E395137X	Stream habitat improvement through placement of woody biomass	Stream habitat improvement with wood	ac	$20,937.83
E399137X	Fishpond management for native aquatic and terrestrial species	Fishpond mgmt	ac	$1,636.09
E449114Z5	Complete pumping plant evaluation for all existing pumps on a farm.	Pumping Plant Evaluation	ac	$5.95
E449114Z7	Advanced Automated IWM - Year 2-5, Soil moisture is monitored, recorded and used in decision making	Advanced Automated IWM - Year 2-5, soil moisture monitoring	ac	$18.82
E449114Z8	Advanced Automated IWM - Year 1 - Equipment and soil moisture is monitored, recorded and used in dec	Advanced Automated IWM - Year 1 Equipment and soil moisture monitoring	ac	$54.52
E449144Z	Complete pumping plant evaluation for all pumps on a farm.	Pumping plant evaluation	ac	$5.95
E472118Z	Manage livestock access to streams/ditches/other waterbodies to reduce nutrients in surface water	Livestock access to waterbody-nutrients	ft	$2.21
E472122Z	Manage livestock access to streams/ditches/other waterbodies to reduce pathogens in surface water	Livestock access to waterbody-pathogens	ft	$2.21
E484106Z	Mulching to improve soil health	Mulching to improve soil health	ac	$2.18
E484128Z	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Mulching with onsite woody materials to reduce PM emissions	ac	$15.38
E511137Z1	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest using wildlife friendly methods	ac	$3.56
E511137Z2	Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	FHM for cover and shelter	ac	$4.36
E511139Z2	Forage harvest management that helps maintain wildlife habitat continuity (space)	FHM for habitat space continuity	ac	$3.56
E512101Z1	Cropland conversion to grass-based agriculture to reduce water erosion	Convert crop to grass for water erosion	ac	$5.37
E512101Z2	Forage and biomass planting for water erosion to improve soil health	Forage planting for SH	ac	$15.29

Code	Practice	Component	Units	Unit Cost
E512102Z	Cropland conversion to grass-based agriculture to reduce wind erosion	Convert crop to grass for wind erosion	ac	$8.14
E512106Z1	Cropland conversion to grass-based agriculture for soil organic matter improvement	Convert crop to grass for SOM	ac	$15.72
E512106Z2	Forage plantings that can help increase organic matter in depleted soils	Forage planting for SOM	ac	$15.72
E512132Z1	Forage and biomass planting that produces feedstock for biofuels or energy production	Forage planting for feedstocks	ac	$38.18
E512132Z2	Native grasses or legumes in forage base to improve plant productivity and health	Native grasses/legumes-plant health	ac	$15.61
E512133Z1	Native grasses or legumes in forage base to improve plant community structure and composition	Native grasses/legumes-structure/comp	ac	$40.63
E512133Z2	Forage plantings that enhance bird habitat (structure and composition)	Forage planting for structure/comp	ac	$76.49
E512136Z1	Establish pollinator and/or beneficial insect food habitat	Establish pollinator habitat-food	ac	$58.93
E512136Z2	Native grass or legumes in forage base to provide wildlife food	Native grasses/legumes-wildlife food	ac	$58.93
E512137Z	Forage plantings that enhance bird habitat (cover and shelter)	Forage planting for cover and shelter	ac	$76.49
E512138Z	Establish wildlife corridors to enhance access to water	Corridors for water access	ac	$20.19
E512139Z1	Establish wildlife corridors to provide habitat continuity	Corridors for habitat continuity	ac	$19.39
E512139Z2	Establish pollinator and/or beneficial insect habitat continuity (space)	Establish pollinator habitat-space	ac	$60.02
E512139Z3	Establish Monarch butterfly habitat in pastures	Establish Monarch Butterfly Habitat in pastures	ac	$60.02
E512140Z	Native grasses or legumes in forage base	Native grasses or legumes in forage base	ac	$39.34
E528101Z	Improved grazing management for water erosion through monitoring activities	Grazing mgmt for water erosion	ac	$2.01
E528102Z	Improved grazing management for wind erosion through monitoring activities	Grazing mgmt for wind erosion	ac	$2.01
E528104Z	Grazing management that protects sensitive areas from gully erosion	Grazing mgmt-sensitive areas-erosion	ac	$1.58
E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing-erosion	ac	$9.14
E528107Z1	Improved grazing management for soil compaction through monitoring activities	Grazing mgmt to improve compaction	ac	$7.71
E528107Z2	Improved grazing management for soil compaction on rangeland through monitoring activities	Grazing mgmt-compaction on rangeland	ac	$2.01
E528118Z1	Prescribed grazing that maintains/improves riparian/watershed function impairment from nutrients	Prescribed grazing-nut runoff	ac	$14.62
E528118Z2	Grazing management that protects sensitive areas-surface water from nutrients	Grazing mgmt-sensitive areas-nut runoff	ac	$1.74

Code	Practice	Component	Units	Unit Cost
E528119Z	Grazing management that protects sensitive areas-ground water from nutrients	Grazing mgmt-sensitive area-nut sub water	ac	$1.74
E528122Z	Prescribed grazing that maintains/improves riparian/watershed function-pathogens/chemicals	Prescribed grazing-pathogens	ac	$14.62
E528126Z	Prescribed grazing that maintains/improves riparian/watershed function-min sediment in surface water	Prescribed grazing-sediment	ac	$13.05
E528127Z	Prescribed grazing that improves or maintains riparian/watershed function-elevated water temperature	Prescribed grazing-water temp	ac	$1.58
E528132Z1	Improved grazing mgmt for plant productivity/health through monitoring	Grazing mgmt-plant health	ac	$9.17
E528132Z2	Stockpiling cool season forage to improve plant productivity and health	Stockpile cool season forage-plant prod	ac	$22.70
E528132Z3	Improved grazing management for plant productivity/health through monitoring	Gazing mgmt-plant health	ac	$2.01
E528133Z1	Stockpiling cool season forage to improve structure and composition.	Stockpile cool season forage-structure	ac	$22.70
E528133Z2	Grazing management for improving quantity/quality of plant structure/composition for wildlife	Grazing mgmt-structure for wildlife	ac	$2.79
E528133Z3	Improved grazing management for plant structure and composition through monitoring activities	Grazing mgmt-structure	ac	$2.01
E528134Z	Improved grazing management that reduces undesirable plant pest pressure through monitoring	Grazing mgmt-pest pressure	ac	$2.01
E528136Z1	Grazing management for improving quantity and quality of food for wildlife	Grazing mgmt-food	ac	$0.53
E528136Z2	Incorporating wildlife refuge areas in contingency plans for wildlife food	Add wildlife refuge area-food	ac	$15.40
E528136Z3	Grazing management that improves Monarch butterfly habitat	Grazing mgmt-Monarch	ac	$8.66
E528137Z1	Grazing management for improving quantity and quality of cover and shelter for wildlife	Grazing mgmt-shelter	ac	$0.53
E528137Z2	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-cover/shelter	Add wildlife refuge area-shelter	ac	$15.40
E528138Z	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-water access	Add wildlife refuge area-water	ac	$15.40
E528140Z1	Maintaining quantity and quality of forage for animal health and productivity	Maintain forage quantity and quality	ac	$3.72
E528140Z2	Incorporating wildlife refuge areas in contingency plans for livestock feed and forage	Add wildlife refuge area-forage	ac	$2.56
E550106Z	Range planting for increasing/maintaining organic matter	Range planting for SOM	ac	$39.45
E550136Z	Range planting for improving forage, browse, or cover for wildlife	Range planting for wildlife	ac	$101.84
E578139X	Stream crossing elimination	Stream crossing elimination	Ea	$7,504.19

Code	Practice	Component	Units	Unit Cost
E580105Z	Stream corridor bank stability improvement	Stream bank stability improvement	ac	$1,891.06
E580137Z	Stream corridor bank vegetation improvement	Stream corridor bank veg improvement	ac	$1,891.06
E590118X	Reduce risks of nutrient losses to surface water by utilizing precision ag technologies	Precision ag for nut reduction	ac	$16.64
E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	Nut mgmt for surface water	ac	$10.64
E590119X	Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies to p	Prec Ag reduce nut in groundwater	ac	$16.64
E590119Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	Nut mgmt for groundwater	ac	$10.64
E590130Z	Improving nutrient uptake efficiency and reducing risks to air quality - emissions of GHGs	Nut mgmt for GHGs	ac	$10.64
E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Pest mgmt for surface water	ac	$12.59
E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	IPM PAMS techniques	ac	$6.47
E595116Z2	Reducing routine neonicotinoid seed treatments on corn and soybean crops.	Reducing routine seed treatments	ac	$5.44
E595129Z	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	IPM PAMS techniques for ozone reduction	ac	$6.47
E595136X	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Refuges for Bt crops	ac	$13.46
E595137Z	Eliminate use of chemical treatments to control pests and increase dung beetle populations	Pest management for Dung Beetle population enhancement	ac	$6.27
E612126Z	Cropland conversion to trees or shrubs for long term improvement of water quality	Convert crop to trees-WQ	ac	$802.13
E612132Z	Establishing tree/shrub species to restore native plant communities	Tree/shrubs-restore native communities	ac	$651.92
E612133X1	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs	ac	$170.26
E612133X2	Cultural plantings	Cultural plantings	ac	$1,484.57
E612136Z	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	ac	$1,376.01
E612137Z	Tree/shrub planting for wildlife cover	Tree/shrub planting for wildlife cover	ac	$1,376.01
E643139X	Creating native plant refugia	Creating native plant refugia	ft	$7.21
E644136Z	Managing Flood-Irrigated Landscapes for Wildlife	Manage flood irrigated landscape for wildlife food	ac	$24.55
E645137Z	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	Reduce human-subsidized predators	ac	$43.94

Code	Practice	Component	Units	Unit Cost
E646137X	Renovate small, shallow pothole and playa sites which may seasonally hold water	Shallow water development and management	ac	$1,708.31
E647136Z3	Establish and maintenance of moist soil vegetation on cropland edges to increase wildlife food	Moist soil vegetation-food	ac	$11.28
E647137Z2	Establish and maintenance of moist soil vegetation on cropland edges to increase cover/shelter	Moist soil vegetation-cover/shelter	ac	$11.28
E647139Z1	Establish/maintain habitat continuity, naturally occurring vegetation in ditches/ditch bank borders	Naturally occurring veg in ditches	ac	$11.28
E666106Z2	Maintaining and improving forest soil quality	Maintain/improve forest SQ	ac	$42.50
E666107Z	Maintaining and improving forest soil quality by limiting compaction	Maintain/imrove forest compaction	ac	$42.50
E666115Z2	Enhance development of the forest understory to improve site moisture	Forest understory to improve moisture	ac	$244.99
E666118Z	Enhance development of the forest understory to capture nutrients in surface water	Understory-nutrients in surface water	ac	$244.99
E666119Z	Enhance development of the forest understory to capture nutrients -ground water	Understory-nutrients in ground water	ac	$244.99
E666130Z	Increase on-site carbon storage	Increase on-site carbon storage	ac	$14.15
E666132Z2	Reduce forest stand density to improve a degraded plant community	Forest density-degraded plant community	ac	$279.72
E666132Z3	Facilitating oak forest regeneration	Facilitating oak forest regeneration	ac	$528.16
E666134Z	Enhance development of the forest understory to create conditions resistant to pests	Forest understory-resistant to pests	ac	$244.99
E666135Z1	Reduce height of the forest understory to limit wildfire risk	Forest understory-limit wildfire risk	ac	$244.99
E666135Z2	Reduce forest density and manage understory along roads to limit wildfire risk	Manage understory-limit wildfire risk	ac	$285.05
E666135Z3	Maintaining structural diversity in dry Western forests	Maintaining structural diversity in dry Western forests	ac	$266.49
E666136Z2	Reduce forest stand density to improve wildlife food sources	Stand density-wildlife food sources	ac	$279.72
E666136Z3	Create patch openings to enhance wildlife food sources and availability	Patch openings-food and availability	ac	$310.14
E666136Z4	Creating structural diversity in dry Western forests	Creating structural diversity in dry Western forests	ac	$987.95
E666137Z1	Snags, den trees, and coarse woody debris for wildlife habitat	Snags and den trees for wildlife	ac	$47.93
E666137Z2	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for bats	ac	$197.72
E666137Z6	Create patch openings to enhance wildlife cover and shelter	Patch openings-cover and shelter	ac	$310.14
E666137Z7	Enhance development of the forest understory to provide wildlife cover and shelter	Understory to provide cover/shelter	ac	$244.99
E666137Z8	Forest songbird habitat maintenance	Forest songbird habitat maintenance	ac	$200.96