Code	Practice	Component	Units	Unit Cost
314	Brush Management	Chemical, Individual Plant Treatment	ac	$9.14
314	Brush Management	Mechanical Chem, Cut Stump	ac	$34.19
314	Brush Management	Hack and Squirt	ac	$22.78
314	Brush Management	Mechanical, Hand tools	ac	$16.90
315	Herbaceous Weed Control	Hand Removal	ac	$7.00
315	Herbaceous Weed Control	Hand removal and chemical	ac	$14.85
315	Herbaceous Weed Control	Mechanical	ac	$4.91
315	Herbaceous Weed Control	Mechanical and Chemical	ac	$9.85
315	Herbaceous Weed Control	Chemical, spot treatment over entire site acreage	ac	$5.12
327	Conservation Cover	Pollinator Species	ac	$109.36
327	Conservation Cover	Monarch Species Mix	ac	$140.88
327	Conservation Cover	Introduced Species	ac	$16.19
327	Conservation Cover	Native Species	ac	$19.31
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	$1.17
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	ac	$3.12
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	ac	$2.27
333	Amending Soils with Gypsum Products	Gypsum less than 1 ton per acre	ac	$3.76
333	Amending Soils with Gypsum Products	Gypsum greater than 1 ton rate	ac	$6.36
338	Prescribed Burning	Native Grass Burn	ac	$6.99
338	Prescribed Burning	Understory Burn	ac	$5.91
340	Cover Crop	Cover Crop - Basic	ac	$8.61
340	Cover Crop	Cover Crop Multiple Species Organic and Non-Organic	ac	$9.62
342	Critical Area Planting	Native and Introduced Vegetation - Moderate Grading	ac	$60.08
342	Critical Area Planting	Vegetation-normal tillage (Organic and Non-Organic)	ac	$21.81
342	Critical Area Planting	Native or Introduced Grass/legume mix-heavy grading (Organic and Non-organic)	ac	$99.71
345	Residue and Tillage management, Reduced till	Residue and Tillage Management, Reduced Till	ac	$2.68
374	Farmstead Energy Improvement	Heating - Radiant Brooder	Ea	$48.08
374	Farmstead Energy Improvement	High Efficiency Heating System (Building)	kBTU/Hr	$1.25

Code	Practice	Component	Units	Unit Cost
374	Farmstead Energy Improvement	Motor Upgrade > 1 and < 10 HP	Ea	$75.01
374	Farmstead Energy Improvement	Evaporative cooling system	sq ft	$2.09
374	Farmstead Energy Improvement	Motor Upgrade > 100 HP	Ea	$2,039.11
374	Farmstead Energy Improvement	Scroll Compressor	Ea	$121.27
374	Farmstead Energy Improvement	Plate Cooler	Ea	$470.74
374	Farmstead Energy Improvement	Automated Attic Inlets, Heat Recovery vents	Ea	$16.01
374	Farmstead Energy Improvement	Motor Upgrade less than or = 1 HP	Ea	$49.05
374	Farmstead Energy Improvement	Heating - Radiant Tube	Ea	$146.08
374	Farmstead Energy Improvement	Scroll Compressor 6 hp	Ea	$336.69
374	Farmstead Energy Improvement	Heating - Radiant Quad	Ea	$92.90
374	Farmstead Energy Improvement	Automatic Controller System	Ea	$161.47
378	Pond	Excavated Pit	CuYd	$0.21
378	Pond	Embankment Pond without Pipe	CuYd	$0.22
378	Pond	Embankment Pond with Drop Inlet Pipe	CuYd	$0.33
378	Pond	Embankment Pond with Hood Inlet Pipe	CuYd	$0.30
380	Windbreak/Shelterbelt Establishment	1 row windbreak, trees, hand planted	ft	$0.03
380	Windbreak/Shelterbelt Establishment	3 or more tree rows machine planted windbreak, no tubes	ft	$0.07
380	Windbreak/Shelterbelt Establishment	2-row windbreak, trees, machine planted, no tubes	ft	$0.06
382	Fence	Confinement	ft	$0.58
382	Fence	Woven wire	ft	$0.31
382	Fence	Interior, mountain site	ft	$0.24
382	Fence	Interior	ft	$0.20
382	Fence	Exclusion, electric	ft	$0.25
382	Fence	Safety	ft	$0.61
382	Fence	Exclusion, electric, mountain site	ft	$0.32
382	Fence	Exclusion, barbed wire	ft	$0.26
384	Woody Residue Treatment	Chipper/Shredder On-Off site	ac	$11.28
384	Woody Residue Treatment	Restoration/conservation treatment following catastrophic events	ac	$78.98
386	Field Border	Field Border, Native Species, Forgone Income	ac	$46.59
386	Field Border	Field Border, Introduced Species, Forgone Income	ac	$42.44
386	Field Border	Field Border, Pollinator, Forgone Income	ac	$139.04

Code	Practice	Component	Units	Unit Cost
390	Riparian Herbaceous Cover	Cool Season Grasses with Forbs	ac	$24.26
390	Riparian Herbaceous Cover	Warm Season Grass with Forbs	ac	$35.81
390	Riparian Herbaceous Cover	Pollinator Habitat	ac	$63.47
391	Riparian Forest Buffer	Bare-root, hand planted, conifers, hardwoods, shrubs	ac	$89.51
391	Riparian Forest Buffer	Bare-root, machine planted, conifers, hardwoods, shrubs	ac	$96.63
394	Firebreak	Vegetated Firebreak	ft	$0.01
394	Firebreak	FireBreak-Disked	ft	$0.01
410	Grade Stabilization Structure	Check Dams	ton	$5.51
410	Grade Stabilization Structure	Weir Drop Structures	sq ft	$9.66
410	Grade Stabilization Structure	Embankment, Pipe >12 inches	CuYd	$0.83
410	Grade Stabilization Structure	Pipe Inlet	ft	$4.24
410	Grade Stabilization Structure	Rock Drop Structures	sq ft	$14.71
410	Grade Stabilization Structure	Embankment, Pipe <= 6 inches	CuYd	$0.60
410	Grade Stabilization Structure	Panel Rock Drop Structures	sq ft	$7.20
410	Grade Stabilization Structure	Embankment, Pipe 8-12 inches	CuYd	$0.71
410	Grade Stabilization Structure	Pipe Drop, Steel	sq ft	$1.16
410	Grade Stabilization Structure	Pipe Drop, Plastic	sq ft	$2.93
410	Grade Stabilization Structure	Chute Structure	ton	$5.48
412	Grassed Waterway	GWW > 1,000ft long	ac	$191.16
412	Grassed Waterway	GWW < 1000ft long	sq ft	$0.01
412	Grassed Waterway	GWW with geotextile or stone checks	ac	$287.52
430	Irrigation Pipeline	Surface HDPE	ft	$0.15
430	Irrigation Pipeline	Buried Pipe Greater Than or Equal to 6 Inch Diameter	ft	$1.00
430	Irrigation Pipeline	Buried Pipe Greater Than 2 Inch Diameter and Less Than 6 Inch Diameter	ft	$0.65
430	Irrigation Pipeline	Surface Aluminum (Aluminum Irrigation Pipe)	Lb	$0.33
430	Irrigation Pipeline	Buried Pipe Less Than or Equal to 2 Inch Diameter	ft	$0.32
430	Irrigation Pipeline	Surface Steel (Iron Pipe Size)	Lb	$0.21
441	Irrigation System, Microirrigation	Hoop House Surface Microirrigation	sq ft	$0.04
441	Irrigation System, Microirrigation	Surface Tape > 6 acres	ac	$102.14
441	Irrigation System, Microirrigation	Microjet	ac	$315.56
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation)	ac	$208.78

Code	Practice	Component	Units	Unit Cost
441	Irrigation System, Microirrigation	Surface PE with emitters	ac	$254.34
441	Irrigation System, Microirrigation	Surface Tape 1.1 - 6 acres	ac	$168.12
441	Irrigation System, Microirrigation	Surface Tape < or = 1 acre	ac	$208.14
442	Sprinkler System	Renovation of Existing Sprinkler System	ft	$0.85
442	Sprinkler System	Traveling Gun System, > 3 inch Hose	Ea	$4,796.20
442	Sprinkler System	Center Pivot System	ft	$8.08
442	Sprinkler System	Linear Move System	ft	$10.26
442	Sprinkler System	Wheel Line System	ft	$1.77
442	Sprinkler System	Solid Set System	ac	$497.36
442	Sprinkler System	Pod System	Ea	$26.71
442	Sprinkler System	Traveling Gun System, < 2 inch Hose	Ea	$1,225.73
442	Sprinkler System	Traveling Gun System, 2 to 3 inch Hose	Ea	$2,424.07
449	Irrigation Water Management	Advanced- Soil Moisture Sensors	Ea	$69.84
449	Irrigation Water Management	Intermediate IWM <= 30 acres	ac	$4.32
449	Irrigation Water Management	Intermediate IWM > 30 acres	ac	$1.63
449	Irrigation Water Management	Soil Moisture Sensors with Data Recorder	Ea	$137.36
449	Irrigation Water Management	Basic IWM <= 30 acres	ac	$2.16
449	Irrigation Water Management	Basic IWM > 30 acres	ac	$0.99
472	Access Control	Animal exclusion from woodland areas	ac	$0.30
472	Access Control	Trail and or road closure	Ea	$58.49
472	Access Control	Animal exclusion from other sensitive areas such as wetlands and sinkholes	ac	$1.82
472	Access Control	Animal exclusion from riparian zone	ac	$2.66
484	Mulching	Natural Material - Full Coverage	ac	$42.41
484	Mulching	Erosion Control Blanket	sq ft	$0.02
490	Tree/Shrub Site Preparation	Mow and Disk, NonForest	ac	$9.06
490	Tree/Shrub Site Preparation	Mow and Spray, NonForest	ac	$8.91
490	Tree/Shrub Site Preparation	Hand Applied Herbicide, Forestland	ac	$24.41
511	Forage Harvest Management	Improved Forage Quality	ac	$0.26
512	Forage and Biomass Planting	Endophyte-infected fescue conversion to cool season grass and legume mixture	ac	$14.73
512	Forage and Biomass Planting	Cool season grass and legume forage	ac	$21.80
512	Forage and Biomass Planting	Native warm season grass	ac	$24.38

Code	Practice	Component	Units	Unit Cost
512	Forage and Biomass Planting	Native warm season grass mix, mined land	ac	$38.29
512	Forage and Biomass Planting	Warm season, introduced forage	ac	$23.99
512	Forage and Biomass Planting	Frost-Seeding Legumes	ac	$14.97
512	Forage and Biomass Planting	Native warm season grass mix	ac	$32.02
512	Forage and Biomass Planting	Chemical free fescue conversion to cool season grass and legume mixture	ac	$28.31
512	Forage and Biomass Planting	Endophyte infect fescue conversion to native warm season grass mixture	ac	$33.83
516	Livestock Pipeline	Buried Pipeline, all diameters	ft	$0.31
516	Livestock Pipeline	Buried Pipeline in Rocky Terrain	ft	$0.57
528	Prescribed Grazing	Pasture Standard (3-4 paddocks)	ac	$1.59
533	Pumping Plant	Pump <= 1.5 HP	Ea	$252.80
533	Pumping Plant	Pump >10 and <= 20 HP	BHP	$71.23
533	Pumping Plant	Pump >1.5 HP and <= 5 HP	BHP	$129.92
533	Pumping Plant	Photovoltaic <= 0.5 HP Pump	Ea	$468.55
533	Pumping Plant	Livestock Nose Pump	Ea	$74.86
533	Pumping Plant	Pump >5 and <= 10 HP	BHP	$74.60
533	Pumping Plant	Water Ram	Ea	$157.31
533	Pumping Plant	Pump >20 HP	BHP	$33.50
558	Roof Runoff Structure	Roof runoff storage tank	gal	$0.16
558	Roof Runoff Structure	Trench Drain	ft	$1.09
558	Roof Runoff Structure	Drip pad	ft	$0.32
558	Roof Runoff Structure	Concrete Curb	ft	$1.33
558	Roof Runoff Structure	Gutters, downspouts and storage tank	ft	$1.74
558	Roof Runoff Structure	Gutters, downspouts and fascia boards	ft	$0.87
558	Roof Runoff Structure	Gutters and downspouts	ft	$0.53
561	Heavy Use Area Protection	Concrete Slab, not rebar reinforced	sq ft	$0.49
561	Heavy Use Area Protection	Concrete(reinforced) Curb on existing slab	ft	$1.62
561	Heavy Use Area Protection	Concrete Slab with curb (reinforced)	sq ft	$0.73
561	Heavy Use Area Protection	Reinforced Concrete, no curb	sq ft	$0.67
561	Heavy Use Area Protection	Rock/Gravel on Geotextile	sq ft	$0.13
574	Spring Development	Large spring with Concrete Cutoff Wall	Ea	$405.30
574	Spring Development	Small Spring with Compacted Clay Cutoff Wall	Ea	$122.56

Code	Practice	Component	Units	Unit Cost
574	Spring Development	Small Spring with Compacted Clay Cutoff Wall with Tank	Ea	$324.60
574	Spring Development	Small Spring with Concrete Cutoff Wall	Ea	$141.28
578	Stream Crossing	Hard armored low water crossing	sq ft	$0.77
580	Streambank and Shoreline Protection	Structural-Riprap, Block, Gabions	ton	$4.86
580	Streambank and Shoreline Protection	Bioengineered	sq ft	$0.24
580	Streambank and Shoreline Protection	Structural-J Hook, Cross Vane	ton	$9.20
587	Structure for Water Control	Commercial Inline Flashboard Riser	DiaInFt	$0.60
587	Structure for Water Control	Inlet Flashboard Riser, Metal	DiaInFt	$0.73
587	Structure for Water Control	Inline Flashboard Riser, Metal	DiaInFt	$0.29
590	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	$0.80
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	ac	$5.04
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	$1.72
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	ac	$3.46
590	Nutrient Management	Adaptive NM	Ea	$248.05
595	Integrated Pest Management	IPM S-Farm >1RC	Ea	$69.19
595	Integrated Pest Management	Basic IPM Fruit/Veg 1RC	ac	$8.80
595	Integrated Pest Management	Advanced Field All RCs	ac	$3.14
595	Integrated Pest Management	Basic IPM Fruit/Veg >1RC	ac	$11.32
595	Integrated Pest Management	Advanced IPM Fruit/Veg All RCs	ac	$17.30
595	Integrated Pest Management	Basic IPM Orchard 1RC	ac	$11.32
595	Integrated Pest Management	Basic IPM Orchard >1RC	ac	$17.30
595	Integrated Pest Management	IPM S-Farm 1RC	Ea	$53.43
595	Integrated Pest Management	Advanced IPM S-Farm All RCs	Ea	$103.78
595	Integrated Pest Management	Basic IPM Field 1RC	ac	$1.57
595	Integrated Pest Management	Basic IPM Field >1RC	ac	$2.12
595	Integrated Pest Management	Risk Prevention IPM All RCs	ac	$14.18
595	Integrated Pest Management	Advanced IPM Orchard All RCs	ac	$26.77
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 Inches	ft	$0.39
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 Inches	ft	$0.51
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, > 6 Inches	ft	$0.67
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Twin-Wall, > 6 Inches	ft	$1.42

Code	Practice	Component	Units	Unit Cost
612	Tree/Shrub Establishment	BRHdwds, machine plant, dense, no tube	ac	$40.40
612	Tree/Shrub Establishment	Hand plant bare root hardwoods, no tubes	ac	$24.80
612	Tree/Shrub Establishment	Potted, each, tube	Ea	$2.16
614	Watering Facility	Tank, 100 to 500 gallons	gal	$0.41
614	Watering Facility	Water Ramp, Rock on Geotextile	sq ft	$0.14
614	Watering Facility	2-hole freeze-proof watering trough	Ea	$149.68
614	Watering Facility	Converted heavy equipment tire trough	Ea	$182.62
614	Watering Facility	4-hole freeze-proof watering trough	Ea	$200.55
614	Watering Facility	Tank, 500 to 1000 gallons	gal	$0.39
614	Watering Facility	Tank, 1000 to 1500 gallons	gal	$0.12
614	Watering Facility	Tank, greater than 1500 gallons	Ea	$250.46
614	Watering Facility	Water Ramp, Rock in GeoCell on Geotextile	sq ft	$0.45
614	Watering Facility	Water Ramp, Rock Riprap and gravel on Geotextile	sq ft	$0.72
620	Underground Outlet	Pipe, no inlet, 6 inch or less	ft	$0.52
620	Underground Outlet	Pipe, drop inlet, > 6 inches and <= 12 inches	ft	$1.16
620	Underground Outlet	Pipe, drop inlet, 30 inch or less	ft	$4.42
620	Underground Outlet	Pipe, drop inlet, 6 inch or less	ft	$1.06
620	Underground Outlet	Pipe, drop inlet, 24 inch or less	ft	$3.46
620	Underground Outlet	Pipe, riser, greater than 12 inch	ft	$1.94
620	Underground Outlet	Pipe, drop inlet, greater than 30 inch	ft	$5.56
620	Underground Outlet	Pipe, riser, 6 inch or less	ft	$0.56
620	Underground Outlet	Pipe, riser, > 6 inches and <= 12 inches	ft	$0.94
620	Underground Outlet	Pipe, drop inlet, 18 inch or less	ft	$2.17
620	Underground Outlet	Pipe, no inlet, greater than 12 inch	ft	$1.69
620	Underground Outlet	Pipe, no inlet, greater than 6 inches and 12 inches or less	ft	$0.98
647	Early Successional Habitat Development/Management	Early Successional Habitat Forest Opening (Clearcut)	ac	$83.97
647	Early Successional Habitat Development/Management	Habitat Selective Herbicide	ac	$4.22
647	Early Successional Habitat Development/Management	Edge Feathering (Cutback Borders)	ac	$47.44
647	Early Successional Habitat Development/Management	Habitat Disking	ac	$11.05
647	Early Successional Habitat Development/Management	Habitat Non-Selective Herbicide	ac	$1.47
649	Structures for Wildlife	Rock Structure	Ea	$60.72

Code	Practice	Component	Units	Unit Cost
649	Structures for Wildlife	Brush Pile - Small	Ea	$3.40
649	Structures for Wildlife	Living Brush Piles/Hinge Cut Structures	ac	$55.99
654	Road/Trail/Landing Closure and Treatment	Road/Trail Abandonment/Rehabilitation (Light)	ft	$0.29
666	Forest Stand Improvement	Forest Thinning for Wildlife and Health	ac	$32.20
B000CPL10	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	ac	$146.95
B000CPL11	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	ac	$47.76
B000CPL12	Non-Irrigated Precision Ag (MRBI)	Non-Irrigated Precision Ag (MRBI)	ac	$49.91
B000CPL13	Non-Irrigated Cropland (MRBI)	Non-Irrigated Cropland (MRBI)	ac	$33.57
B000CPL14	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	ac	$155.67
B000CPL15	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	ac	$56.48
B000CPL16	Non-Irrigated Cropland with Water Bodies (MRBI)	Non-Irrigated Cropland with Water Bodies (MRBI)	ac	$44.84
B000CPL17	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	ac	$73.15
B000CPL18	Crop Bundle #18 - Precision Ag	Crop Bundle #18 - Precision Ag	ac	$50.95
B000CPL19	Crop Bundle #19 - Soil Health Precision Ag	Crop Bundle #19 - Soil Health Precision Ag	ac	$47.09
B000CPL20	Crop Bundle #20 - Soil Health Assessment	Crop Bundle #20 - Soil Health Assessment	ac	$36.28
B000CPL22	Crop Bundle #22 - Erosion Bundle (Organic)	Crop Bundle #22 - Erosion Bundle (Organic)	ac	$42.08
B000FST1	Forest Bundle#1	Forest Bundle#1	ac	$90.30
B000GRZ2	Grazing Bundle 2 - Range and Pasture	Grazing Bundle 2 - Range and Pasture	ac	$2,217.60
B000GRZ3	Grazing Bundle 3 - Range and Pasture	Grazing Bundle 3 - Range and Pasture	ac	$1,777.15
B000GRZ4	Grazing Bundle 4 - Range and Pasture	Grazing Bundle 4 - Range and Pasture	ac	$2,819.52
E314133Z	Brush management for improved structure and composition	Brush mgmt, improved structure and comp	ac	$16.04
E314134Z	Brush management that maintains or enhances wildlife or fish habitat	Brush mgmt, enhance habitat	ac	$16.04
E315132Z	Herbaceous weed control for desired plant communities/habitats consistent with the ecological site	Herbaceous weed control-habitats	ac	$13.66
E315133Z	Herbaceous weed control (inadequate structure and comp) for desired plant communities/habitats	Herbaceous weed control-communities	ac	$13.66
E315134Z	Herbaceous weed control (plant pest pressures) for desired plant communities/habitats	Herbaceous weed control-pest pressures	ac	$13.66
E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	Conservation cover-pollinator food	ac	$304.85
E327136Z2	Establish Monarch butterfly habitat	Establish monarch butterfly habitat	ac	$1,781.90

Code	Practice	Component	Units	Unit Cost
E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	Conservation cover-pollinator shelter	ac	$304.85
E327139Z	Conservation cover to provide habitat continuity for pollinators and beneficial insects	Conservation cover-habitat continuity	ac	$304.85
E328101I	Improved resource conserving crop rotation to reduce water erosion	IRCCR water erosion	ac	$7.06
E328101R	Resource conserving crop rotation to reduce water erosion	RCCR water erosion	ac	$19.77
E328101Z	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	CRP trans crop rotation-water erosion	ac	$2.82
E328106I	Improved resource conserving crop rotation for soil organic matter improvement	IRCCR for SOM improvement	ac	$7.06
E328106R	Resource conserving crop rotation for soil organic matter improvement	RCCR for SOM improvement	ac	$19.77
E328106Z1	Soil health crop rotation	Soil health crop rotation	ac	$4.71
E328106Z2	Modifications to improve soil health and increase soil organic matter	Mod to improve SH and SOM	ac	$9.34
E328106Z3	Conservation crop rotation on recently converted CRP grass/legume cover for SOM improvement	CRP trans crop rotation-SOM	ac	$4.71
E328107I	Improved resource conserving crop rotation to improve soil compaction	IRCCR to improve soil compaction	ac	$7.06
E328107R	Resource conserving crop rotation to improve soil compaction	RCCR to improve soil compaction	ac	$13.18
E328118Z	Conservation crop rotation to reduce water quality degradation by utilization and removal of excess	Rotation to improve water quality	ac	$4.37
E328134I	Improved resource conserving crop rotation to relieve plant pest pressure	IRCCR to relieve plant pest pressure	ac	$7.06
E328134R	Resource conserving crop rotation to relieve plant pest pressure	RCCR to relieve plant pest pressure	ac	$19.77
E328136Z	Leave standing grain crops unharvested to benefit wildlife food sources	Leave standing grain crops for food	ac	$4.35
E328136Z2	Improved crop rotation to provide benefits to pollinators	Rotation to benefit pollinators	ac	$75.33
E328137Z	Leave standing grain crops unharvested to benefit wildlife cover and shelter	Leave standing grain crops for shelter	ac	$4.35
E329101Z	No till to reduce water erosion	No till to reduce water erosion	ac	$2.82
E329106Z	No till system to increase soil health and soil organic matter content	No till system to increase SH and SOM	ac	$3.77
E329114Z	No till to increase plant-available moisture: irrigation water	No till for IWM	ac	$2.82
E329115Z	No till to increase plant-available moisture: moisture management	No till for moisture mgmt	ac	$2.82
E329128Z	No till to reduce tillage induced particulate matter	No till to reduce PM	ac	$2.82
E329144Z	No till to reduce energy	No till to reduce energy	ac	$3.77
E340101Z	Cover crop to reduce water erosion	Cover crop to reduce water erosion	ac	$7.25
E340106Z1	Intensive cover cropping to increase soil health and soil organic matter content	Cover cropping for SH and SOM	ac	$11.23

Code	Practice	Component	Units	Unit Cost
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	$9.66
E340106Z4	Use of SHA to assist with development of cover crop mix to improve soil health and increase SOM	Soil health assessment	ac	$11.60
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	$9.66
E345101Z	Reduced tillage to reduce water erosion	Reduced tillage to reduce water erosion	ac	$3.77
E345106Z	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage for SH and SOM	ac	$3.77
E345114Z	Reduced tillage to increase plant-available moisture: irrigation water	Reduced tillage for IWM	ac	$2.82
E345115Z	Reduced tillage to increase plant-available moisture: moisture management	Reduced tillage for moisture mgmt	ac	$2.82
E345128Z	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce PM	ac	$2.82
E345144Z	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	ac	$2.82
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	$7,973.21
E382136Z	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Wildlife friendly fence for food access	ft	$0.16
E386101Z	Enhanced field borders to reduce water induced erosion along the edge(s) of a field	Field borders to reduce water erosion	ac	$658.18
E386106Z	Enhanced field borders to increase carbon storage along the edge(s) of the field	Field borders to increase carbon storage	ac	$658.18
E386136Z	Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	Field border to provide wildlife food	ac	$658.18
E386137Z	Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	Field border to provide wildlife cover	ac	$658.18
E386139Z	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	Field border to provide continuity	ac	$658.18
E390118Z	Increase riparian herbaceous cover width for nutrient reduction	Riparian herbaceous cover-nut reduction	ac	$497.95
E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	Riparian herbaceous cover-sed loading	ac	$497.95

Code	Practice	Component	Units	Unit Cost
E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat	Riparian herbaceous cover-habitat	ac	$707.13
E391118Z	Increase riparian forest buffer width for nutrient reduction	Riparian forest buffer-nut reduction	ac	$1,586.90
E391126Z	Increase riparian forest buffer width to reduce sediment loading	Riparian forest buffer-sed loading	ac	$1,607.93
E391127Z	Increase stream shading for stream temperature reduction	Shade stream to reduce temp	ac	$1,607.93
E391136Z	Increase riparian forest buffer width to enhance wildlife habitat	Riparian forest buffer-habitat	ac	$1,607.93
E399137X	Fishpond management for native aquatic and terrestrial species	Fishpond mgmt	ac	$1,625.47
E449114Z5	Complete pumping plant evaluation for all existing pumps on a farm.	Pumping Plant Evaluation	ac	$5.22
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	$17.65
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	$53.77
E449144Z	Complete pumping plant evaluation for all pumps on a farm.	Pumping plant evaluation	ac	$5.22
E472118Z	Manage livestock access to streams/ditches/other waterbodies to reduce nutrients in surface water	Livestock access to waterbody-nutrients	ft	$2.19
E472122Z	Manage livestock access to streams/ditches/other waterbodies to reduce pathogens in surface water	Livestock access to waterbody-pathogens	ft	$2.19
E484106Z	Mulching to improve soil health	Mulching to improve soil health	ac	$1.88
E511137Z1	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest using wildlife friendly methods	ac	$3.48
E511137Z2	Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	FHM for cover and shelter	ac	$4.41
E511139Z2	Forage harvest management that helps maintain wildlife habitat continuity (space)	FHM for habitat space continuity	ac	$3.48
E512101Z1	Cropland conversion to grass-based agriculture to reduce water erosion	Convert crop to grass for water erosion	ac	$5.26
E512101Z2	Forage and biomass planting for water erosion to improve soil health	Forage planting for SH	ac	$15.18
E512106Z1	Cropland conversion to grass-based agriculture for soil organic matter improvement	Convert crop to grass for SOM	ac	$15.10
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	$37.88
E512132Z2	Native grasses or legumes in forage base to improve plant productivity and health	Native grasses/legumes-plant health	ac	$15.59
E512133Z1	Native grasses or legumes in forage base to improve plant community structure and composition	Native grasses/legumes-structure/comp	ac	$40.34

Code	Practice	Component	Units	Unit Cost
E512133Z2	Forage plantings that enhance bird habitat (structure and composition)	Forage planting for structure/comp	ac	$76.48
E512136Z1	Establish pollinator and/or beneficial insect food habitat	Establish pollinator habitat-food	ac	$58.79
E512136Z2	Native grass or legumes in forage base to provide wildlife food	Native grasses/legumes-wildlife food	ac	$58.79
E512137Z	Forage plantings that enhance bird habitat (cover and shelter)	Forage planting for cover and shelter	ac	$76.48
E512140Z	Native grasses or legumes in forage base	Native grasses or legumes in forage base	ac	$39.23
E528104Z	Grazing management that protects sensitive areas from gully erosion	Grazing mgmt-sensitive areas-erosion	ac	$1.59
E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing-erosion	ac	$8.93
E528118Z1	Prescribed grazing that maintains/improves riparian/watershed function impairment from nutrients	Prescribed grazing-nut runoff	ac	$14.63
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	$14.63
E528126Z	Prescribed grazing that maintains/improves riparian/watershed function-min sediment in surface water	Prescribed grazing-sediment	ac	$13.02
E528132Z1	Improved grazing mgmt for plant productivity/health through monitoring	Grazing mgmt-plant health	ac	$8.71
E528132Z2	Stockpiling cool season forage to improve plant productivity and health	Stockpile cool season forage-plant prod	ac	$21.01
E528133Z1	Stockpiling cool season forage to improve structure and composition.	Stockpile cool season forage-structure	ac	$21.01
E528133Z2	Grazing management for improving quantity/quality of plant structure/composition for wildlife	Grazing mgmt-structure for wildlife	ac	$2.80
E528136Z1	Grazing management for improving quantity and quality of food for wildlife	Grazing mgmt-food	ac	$0.47
E528137Z1	Grazing management for improving quantity and quality of cover and shelter for wildlife	Grazing mgmt-shelter	ac	$0.47
E528140Z1	Maintaining quantity and quality of forage for animal health and productivity	Maintain forage quantity and quality	ac	$3.57
E578139X	Stream crossing elimination	Stream crossing elimination	Ea	$7,421.04
E580105Z	Stream corridor bank stability improvement	Stream bank stability improvement	ac	$1,852.05
E580137Z	Stream corridor bank vegetation improvement	Stream corridor bank veg improvement	ac	$1,852.05
E590118X	Reduce risks of nutrient losses to surface water by utilizing precision ag technologies	Precision ag for nut reduction	ac	$17.32
E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	Nut mgmt for surface water	ac	$10.34

Code	Practice	Component	Units	Unit Cost
E590119X	Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies to p	Prec Ag reduce nut in groundwater	ac	$17.32
E590119Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	Nut mgmt for groundwater	ac	$10.34
E590130Z	Improving nutrient uptake efficiency and reducing risks to air quality - emissions of GHGs	Nut mgmt for GHGs	ac	$10.34
E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Pest mgmt for surface water	ac	$13.04
E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	IPM PAMS techniques	ac	$6.00
E595116Z2	Reducing routine neonicotinoid seed treatments on corn and soybean crops.	Reducing routine seed treatments	ac	$4.71
E595129Z	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	IPM PAMS techniques for ozone reduction	ac	$6.00
E595136X	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Refuges for Bt crops	ac	$12.64
E612126Z	Cropland conversion to trees or shrubs for long term improvement of water quality	Convert crop to trees-WQ	ac	$806.17
E612130Z	Planting for high carbon sequestration rate	Planting for high carbon sequestration	ac	$745.27
E612132Z	Establishing tree/shrub species to restore native plant communities	Tree/shrubs-restore native communities	ac	$649.19
E612133X1	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs	ac	$157.38
E612133X3	Sugarbush management	Sugarbush management	ac	$651.62
E612136Z	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	ac	$1,251.92
E612137Z	Tree/shrub planting for wildlife cover	Tree/shrub planting for wildlife cover	ac	$1,251.92
E646137Z1	Close structures to capture and retain rainfall to improve cover and shelter for birds during winter	Close structures during winter.	ac	$25.53
E666106Z2	Maintaining and improving forest soil quality	Maintain/improve forest SQ	ac	$38.78
E666107Z	Maintaining and improving forest soil quality by limiting compaction	Maintain/imrove forest compaction	ac	$38.78
E666115Z2	Enhance development of the forest understory to improve site moisture	Forest understory to improve moisture	ac	$239.59
E666118Z	Enhance development of the forest understory to capture nutrients in surface water	Understory-nutrients in surface water	ac	$239.59
E666119Z	Enhance development of the forest understory to capture nutrients -ground water	Understory-nutrients in ground water	ac	$239.59
E666130Z	Increase on-site carbon storage	Increase on-site carbon storage	ac	$12.24
E666132Z1	Crop tree management for mast production	Crop tree management for mast production	ac	$349.79

Code	Practice	Component	Units	Unit Cost
E666132Z2	Reduce forest stand density to improve a degraded plant community	Forest density-degraded plant community	ac	$274.79
E666132Z3	Facilitating oak forest regeneration	Facilitating oak forest regeneration	ac	$508.60
E666133X	Forest Stand Improvement to rehabilitate degraded hardwood stands	FSI-structure/composition in hardwoods	ac	$505.63
E666133Z1	Creating structural diversity with patch openings	Structural diversity with patch openings	ac	$467.52
E666134Z	Enhance development of the forest understory to create conditions resistant to pests	Forest understory-resistant to pests	ac	$239.59
E666135Z1	Reduce height of the forest understory to limit wildfire risk	Forest understory-limit wildfire risk	ac	$239.59
E666135Z2	Reduce forest density and manage understory along roads to limit wildfire risk	Manage understory-limit wildfire risk	ac	$274.32
E666136Z1	Reduce forest density and manage understory along roads to improve wildlife food sources	Manage understory-wildlife food sources	ac	$274.32
E666136Z2	Reduce forest stand density to improve wildlife food sources	Stand density-wildlife food sources	ac	$274.79
E666136Z3	Create patch openings to enhance wildlife food sources and availability	Patch openings-food and availability	ac	$292.41
E666137Z1	Snags, den trees, and coarse woody debris for wildlife habitat	Snags and den trees for wildlife	ac	$49.94
E666137Z2	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for bats	ac	$199.41
E666137Z6	Create patch openings to enhance wildlife cover and shelter	Patch openings-cover and shelter	ac	$292.41
E666137Z7	Enhance development of the forest understory to provide wildlife cover and shelter	Understory to provide cover/shelter	ac	$239.59
E666137Z8	Forest songbird habitat maintenance	Forest songbird habitat maintenance	ac	$180.21