Code	Practice	Component	Units	Unit Cost
314	Brush Management	Mechanical & Chemical, chip debris	ac	$29.67
314	Brush Management	Mechanical, heavy Infestation (> 50% of area infested)	ac	$25.99
314	Brush Management	Mechanical, light Infestation (10%-20% of area infested)	ac	$11.64
314	Brush Management	Mechanical - bush hog	ac	$4.02
314	Brush Management	Mechanical & Chemical	ac	$22.66
314	Brush Management	Chemical, Individual Plant Treatment	ac	$8.90
314	Brush Management	Chemical, Aerial Applied	ac	$3.69
314	Brush Management	Mechanical Chem, Cut Stump	ac	$32.69
314	Brush Management	Hack and Squirt	ac	$21.98
314	Brush Management	Mechanical, Hand tools	ac	$16.03
314	Brush Management	Chemical - Ground Applied	ac	$5.63
314	Brush Management	Mechanical, medium Infestation (> 20% <= 50% of area infested)	ac	$19.70
315	Herbaceous Weed Control	Mechanical and Chemical	ac	$9.69
315	Herbaceous Weed Control	Chemical, Ground	ac	$5.13
315	Herbaceous Weed Control	Mechanical	ac	$4.79
315	Herbaceous Weed Control	Chemical, spot treatment over entire site acreage	ac	$5.04
315	Herbaceous Weed Control	Chemical, Aerial	ac	$7.90
315	Herbaceous Weed Control	Hand removal and chemical	ac	$14.37
315	Herbaceous Weed Control	Hand Removal	ac	$6.75
327	Conservation Cover	Introduced Species	ac	$16.48
327	Conservation Cover	Monarch Species Mix	ac	$140.56
327	Conservation Cover	Orchard or Vineyard Alleyways	ac	$11.19
327	Conservation Cover	Native Species	ac	$18.99
327	Conservation Cover	Pollinator Species	ac	$109.05
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	ac	$3.23
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	$1.21
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	ac	$2.20
329	Residue and Tillage Management, No Till	No Till Adaptive Management	Ea	$306.75
338	Prescribed Burning	Understory Burn	ac	$5.54

Code	Practice	Component	Units	Unit Cost
338	Prescribed Burning	Site Preparation	ac	$5.57
338	Prescribed Burning	Native Grass Burn	ac	$6.75
340	Cover Crop	Cover Crop Multiple Species Organic and Non-Organic	ac	$9.50
340	Cover Crop	Cover Crop - Basic Organic	ac	$10.44
340	Cover Crop	Cover Crop Adaptive Management	Ea	$259.21
340	Cover Crop	Cover Crop - Basic	ac	$8.49
342	Critical Area Planting	Vegetation-normal tillage (Organic and Non-Organic)	ac	$34.03
342	Critical Area Planting	Native and Introduced Vegetation - Moderate Grading	ac	$70.82
342	Critical Area Planting	Native or Introduced Grass/legume mix-heavy grading (Organic and Non-organic)	ac	$108.95
345	Residue and Tillage management, Reduced till	Residue and Tillage Management, Reduced Till	ac	$2.59
374	Farmstead Energy Improvement	Heating - Radiant Quad	Ea	$92.32
374	Farmstead Energy Improvement	Heating - Radiant Brooder	Ea	$47.51
374	Farmstead Energy Improvement	Heating - Radiant Tube	Ea	$145.50
374	Farmstead Energy Improvement	Automatic Controller System	Ea	$156.87
374	Farmstead Energy Improvement	Rigid Foam Board for Tobacco Curing	sq ft	$0.18
380	Windbreak/Shelterbelt Establishment	2-row windbreak, trees, machine planted, no tubes	ft	$0.06
380	Windbreak/Shelterbelt Establishment	3 or more row windbreak, trees, machine planted, with tubes	ft	$0.22
380	Windbreak/Shelterbelt Establishment	1 row windbreak, shrubs, hand planted	ft	$0.05
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, with tubes	ft	$0.18
380	Windbreak/Shelterbelt Establishment	2-row windbreak, shrubs, machine planted	ft	$0.06
380	Windbreak/Shelterbelt Establishment	1 row windbreak, trees, hand planted	ft	$0.03
380	Windbreak/Shelterbelt Establishment	Environmental buffer/windbreak, native evergreens, hand planted, no tubes	ft	$0.30
380	Windbreak/Shelterbelt Establishment	3 or more row windbreak, shrub, machine planted	ft	$0.13
382	Fence	Safety	ft	$0.62
382	Fence	Polywire, with charger	ft	$0.05
382	Fence	Woven wire	ft	$0.30
382	Fence	Exclusion, electric	ft	$0.25
382	Fence	Polywire, no charger	ft	$0.02
382	Fence	Exclusion, electric, mountain site	ft	$0.31
382	Fence	Exclusion, barbed wire	ft	$0.26

Code	Practice	Component	Units	Unit Cost
382	Fence	Interior	ft	$0.20
382	Fence	Interior, mountain site	ft	$0.24
386	Field Border	Field Border, Pollinator, Forgone Income	ac	$131.98
386	Field Border	Field Border, Native Species, Forgone Income	ac	$39.52
386	Field Border	Field Border, Introduced Species, Forgone Income	ac	$35.55
390	Riparian Herbaceous Cover	Pollinator Habitat	ac	$63.35
390	Riparian Herbaceous Cover	Cool Season Grasses with Forbs	ac	$24.16
390	Riparian Herbaceous Cover	Warm Season Grass with Forbs	ac	$35.69
391	Riparian Forest Buffer	Shrub Planting, 871 stems per acre, no tubes	ac	$106.77
391	Riparian Forest Buffer	Bare-root, machine planted, conifers, hardwoods, shrubs	ac	$90.24
391	Riparian Forest Buffer	Bare Root Hardwoods with tubes, 300 trees per acre	ac	$214.68
391	Riparian Forest Buffer	Natural regeneration with some limited tree planting	ac	$56.86
391	Riparian Forest Buffer	Bare-root, hand planted, conifers, hardwoods, shrubs	ac	$83.40
391	Riparian Forest Buffer	Bare root shrubs, 300 stems per acre, no tubes	ac	$58.62
393	Filter Strip	Filter Strip, Introduced species, Forgone Income	ac	$44.86
393	Filter Strip	Filter Strip, Native species, Forgone Income	ac	$46.24
394	Firebreak	FireBreak-Dozer-Fire Plow	ft	$0.03
394	Firebreak	Constructed - Medium equipment, flat-medium slopes (< 15% slopes)	ft	$0.05
394	Firebreak	FireBreak-Disked	ft	$0.01
394	Firebreak	Constructed - Medium equipment, steep slopes (>= 15% slopes)	ft	$0.14
395	Stream Habitat Improvement and Management	Rock and wood structures	ac	$3,489.84
396	Aquatic Organism Passage	CMP Culvert	ft	$75.79
396	Aquatic Organism Passage	Step Pool Weir	CuYd	$15.72
396	Aquatic Organism Passage	Blockage Removal	CuYd	$11.29
410	Grade Stabilization Structure	Embankment, Pipe >12 inches	CuYd	$0.73
410	Grade Stabilization Structure	Pipe Drop, Steel	sq ft	$1.06
410	Grade Stabilization Structure	Pipe Inlet	ft	$4.74
410	Grade Stabilization Structure	Embankment, Pipe 8-12 inches	CuYd	$0.61
410	Grade Stabilization Structure	Embankment, Pipe <= 6 inches	CuYd	$0.51
410	Grade Stabilization Structure	Check Dams	ton	$7.86
410	Grade Stabilization Structure	Chute Structure	ton	$7.00

Code	Practice	Component	Units	Unit Cost
410	Grade Stabilization Structure	Pipe Drop, Plastic	sq ft	$2.82
410	Grade Stabilization Structure	Rock Drop Structures	sq ft	$13.65
410	Grade Stabilization Structure	Weir Drop Structures	sq ft	$9.04
412	Grassed Waterway	GWW with geotextile or stone checks	ac	$284.28
412	Grassed Waterway	GWW < 1000ft long	sq ft	$0.01
412	Grassed Waterway	GWW > 1,000ft long	ac	$195.76
430	Irrigation Pipeline	Buried Pipe Less Than or Equal to 2 Inch Diameter	ft	$0.29
430	Irrigation Pipeline	Surface HDPE	ft	$0.15
441	Irrigation System, Microirrigation	Surface Tape 1.1 - 6 acres	ac	$167.76
442	Sprinkler System	Center Pivot System	ft	$8.08
442	Sprinkler System	Renovation of Existing Sprinkler System	ft	$0.85
449	Irrigation Water Management	Basic IWM > 30 acres	ac	$0.96
449	Irrigation Water Management	Basic IWM <= 30 acres	ac	$2.13
472	Access Control	Animal exclusion from riparian zone	ac	$2.60
472	Access Control	Animal exclusion from other sensitive areas such as wetlands and sinkholes	ac	$1.73
484	Mulching	Erosion Control Blanket	sq ft	$0.02
484	Mulching	Synthetic Material	sq ft	$0.02
484	Mulching	Natural Material - Full Coverage	ac	$41.19
490	Tree/Shrub Site Preparation	Mow and Disk, NonForest	ac	$8.84
490	Tree/Shrub Site Preparation	Spray, Furrow or Scalp and Spray	ac	$11.50
490	Tree/Shrub Site Preparation	Rollerchop and Spray, Forest	ac	$21.96
490	Tree/Shrub Site Preparation	Mow and Spray, NonForest	ac	$8.74
490	Tree/Shrub Site Preparation	Rollerchop, Forest	ac	$13.27
490	Tree/Shrub Site Preparation	Aerial Applied Herbicide, Forestland	ac	$11.06
490	Tree/Shrub Site Preparation	Ground Applied Herbicide, Forestland	ac	$21.14
490	Tree/Shrub Site Preparation	Furrow or Scalp and spray	ac	$10.04
490	Tree/Shrub Site Preparation	Shear and Pile, Forest, Dozer	ac	$41.93
490	Tree/Shrub Site Preparation	Hand Applied Herbicide, Forestland	ac	$24.30
511	Forage Harvest Management	Delayed Mowing for Wildlife	ac	$2.83
511	Forage Harvest Management	Improved Forage Quality	ac	$0.25
511	Forage Harvest Management	Organic Preemptive Harvest	ac	$0.52

Code	Practice	Component	Units	Unit Cost
512	Forage and Biomass Planting	Native warm season grass mix	ac	$31.85
512	Forage and Biomass Planting	Native warm season grass	ac	$24.22
512	Forage and Biomass Planting	Chemical free fescue conversion to NWSGs	ac	$38.49
512	Forage and Biomass Planting	Cool season grass and legume forage	ac	$34.32
512	Forage and Biomass Planting	Endophyte infect fescue conversion to native warm season grass mixture	ac	$33.63
512	Forage and Biomass Planting	Overseeding Legumes	ac	$28.71
512	Forage and Biomass Planting	Warm season, introduced forage	ac	$36.51
516	Livestock Pipeline	Freeze Proof Hydrant	Ea	$13.94
516	Livestock Pipeline	Buried Pipeline, all diameters	ft	$0.28
528	Prescribed Grazing	Stockpiling Forage for Extended Grazing	ac	$4.12
528	Prescribed Grazing	Pasture Intensive (5 or more paddocks)	ac	$2.71
528	Prescribed Grazing	Pasture Standard (3-4 paddocks)	ac	$1.59
533	Pumping Plant	Photovoltaic <= 0.5 HP Pump	Ea	$462.86
533	Pumping Plant	Pump >1.5 HP and <= 5 HP	BHP	$128.36
533	Pumping Plant	Pump >10 and <= 20 HP	BHP	$69.84
533	Pumping Plant	Pump >5 and <= 10 HP	BHP	$73.86
533	Pumping Plant	Pump <= 1.5 HP	Ea	$242.91
533	Pumping Plant	Tractor Power Take Off (PTO) Pump	Ea	$693.64
533	Pumping Plant	Water Ram	Ea	$154.61
554	Drainage Water Management	Drainage Water Management (DWM)	Ea	$8.35
558	Roof Runoff Structure	Gutters and downspouts	ft	$0.52
558	Roof Runoff Structure	Drip pad	ft	$0.37
561	Heavy Use Area Protection	Concrete(reinforced) Curb on existing slab	ft	$1.46
561	Heavy Use Area Protection	Concrete Slab, not rebar reinforced	sq ft	$0.46
561	Heavy Use Area Protection	Rock/Gravel on Geotextile	sq ft	$0.16
574	Spring Development	Small Spring with Compacted Clay Cutoff Wall with Tank	Ea	$321.59
574	Spring Development	Small Spring with Compacted Clay Cutoff Wall	Ea	$125.66
578	Stream Crossing	Low water crossing, flatter topography sites with shallow streams	sq ft	$0.23
578	Stream Crossing	Culvert installation	DiaInFt	$0.45
580	Streambank and Shoreline Protection	Bioengineered	sq ft	$0.22
580	Streambank and Shoreline Protection	Structural-J Hook, Cross Vane	ton	$9.07

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	Inlet Flashboard Riser, Metal	DiaInFt	$0.70
587	Structure for Water Control	In-Stream Structure for Water Surface Profile - Rock	ton	$7.12
587	Structure for Water Control	Culvert <30 inches HDPE	DiaInFt	$0.22
587	Structure for Water Control	Inline Flashboard Riser, Metal	DiaInFt	$0.27
587	Structure for Water Control	Flashboard Riser w/ Single Headwall	DiaInFt	$0.99
587	Structure for Water Control	Flashboard Riser w/ Double Headwall	DiaInFt	$1.32
587	Structure for Water Control	Flap Gate	ft	$120.34
587	Structure for Water Control	Large Flap Gate w/ Headwall	ft	$194.27
587	Structure for Water Control	Water Bar	Ea	$67.35
587	Structure for Water Control	Culvert <30 inches CMP	DiaInFt	$0.24
587	Structure for Water Control	Commercial Inline Flashboard Riser	DiaInFt	$0.58
590	Nutrient Management	Adaptive NM	Ea	$249.64
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	$1.73
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	ac	$5.07
590	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	$0.80
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	ac	$3.41
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	Ea	$27.76
595	Integrated Pest Management	Basic IPM Fruit/Veg 1RC	ac	$8.82
595	Integrated Pest Management	Basic IPM Field >1RC	ac	$2.14
595	Integrated Pest Management	Basic IPM Orchard >1RC	ac	$17.18
595	Integrated Pest Management	IPM S-Farm >1RC	Ea	$68.72
595	Integrated Pest Management	IPM S-Farm 1RC	Ea	$53.80
595	Integrated Pest Management	Basic IPM Field 1RC	ac	$1.59
595	Integrated Pest Management	Basic IPM Orchard 1RC	ac	$11.28
595	Integrated Pest Management	Basic IPM Fruit/Veg >1RC	ac	$11.28
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 Inches	ft	$0.55
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 Inches	ft	$0.38
612	Tree/Shrub Establishment	Hand plant bare root hardwoods, no tubes	ac	$24.35
612	Tree/Shrub Establishment	Planting Bare Root Shrubs, no tubes	ac	$184.51
612	Tree/Shrub Establishment	Bare Root Hardwood, machine plant, no tubes, 300	ac	$21.57
612	Tree/Shrub Establishment	Bare root conifers, hand plant	ac	$8.66

Code	Practice	Component	Units	Unit Cost
612	Tree/Shrub Establishment	Hand Plant Containerized with Protection from Wildlife (per plant), w tubes	Ea	$0.32
612	Tree/Shrub Establishment	BRHdwds w tubes, 300 per acre	ac	$194.33
612	Tree/Shrub Establishment	Potted, each, tube	Ea	$2.13
612	Tree/Shrub Establishment	BRHdwds w tubes, 110 per acre	ac	$70.87
612	Tree/Shrub Establishment	Bare Root Conifers, machine plant	ac	$8.40
612	Tree/Shrub Establishment	Plug Conifers, hand plant	ac	$17.13
614	Watering Facility	Tank, 100 to 500 gallons	gal	$0.40
614	Watering Facility	2-hole freeze-proof watering trough	Ea	$145.94
614	Watering Facility	Portable Trough, less than 100 gallons	Ea	$13.02
614	Watering Facility	Water Ramp, Rock on Geotextile	sq ft	$0.16
614	Watering Facility	Tank, 500 to 1000 gallons	gal	$0.39
614	Watering Facility	4-hole freeze-proof watering trough	Ea	$193.16
614	Watering Facility	Tank, 1000 to 1500 gallons	gal	$0.11
620	Underground Outlet	Pipe, drop inlet, 30 inch or less	ft	$4.75
620	Underground Outlet	Pipe, drop inlet, 6 inch or less	ft	$1.05
620	Underground Outlet	Pipe, drop inlet, > 6 inches and <= 12 inches	ft	$1.15
620	Underground Outlet	Pipe, riser, greater than 12 inch	ft	$1.92
620	Underground Outlet	Pipe, riser, > 6 inches and <= 12 inches	ft	$0.93
620	Underground Outlet	Pipe, drop inlet, 24 inch or less	ft	$3.73
620	Underground Outlet	Pipe, riser, 6 inch or less	ft	$0.55
620	Underground Outlet	Pipe, no inlet, 6 inch or less	ft	$0.53
620	Underground Outlet	Pipe, no inlet, greater than 6 inches and 12 inches or less	ft	$0.98
620	Underground Outlet	Pipe, no inlet, greater than 12 inch	ft	$1.69
620	Underground Outlet	Pipe, drop inlet, greater than 30 inch	ft	$5.98
620	Underground Outlet	Pipe, drop inlet, 18 inch or less	ft	$2.36
643	Restoration and Management of Rare and Declining Habitats	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	$3.90
643	Restoration and Management of Rare and Declining Habitats	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	$11.21
643	Restoration and Management of Rare and Declining Habitats	Habitat Monitoring and Management, Low Intensity and Complexity	ac	$0.32
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, Low Intensity and Complexity	ac	$0.32
647	Early Successional Habitat Development/Management	Habitat Non-Selective Herbicide	ac	$1.46

Code	Practice	Component	Units	Unit Cost
647	Early Successional Habitat Development/Management	Habitat Selective Herbicide	ac	$4.21
647	Early Successional Habitat Development/Management	Edge Feathering (Cutback Borders)	ac	$47.90
647	Early Successional Habitat Development/Management	Early Successional Habitat Forest Opening (Clearcut)	ac	$85.13
647	Early Successional Habitat Development/Management	Habitat Disking	ac	$10.70
654	Road/Trail/Landing Closure and Treatment	Road/Trail Abandonment/Rehabilitation (Light)	ft	$0.27
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes < 35%	ft	$0.34
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes >35%	ft	$1.32
655	Forest Trails and Landings	Grading and Shaping with Vegetative Establishment	ft	$0.25
666	Forest Stand Improvement	Use of Consulting Forester to Oversee Commercial Timber Harvest to Create/Improve Cerulean Warbler/GWWA Habitat/Stand Structure	ac	$17.12
666	Forest Stand Improvement	Competition Control - Mechanical, Light Equipment	ac	$3.58
666	Forest Stand Improvement	Forest Thinning for Wildlife and Health	ac	$31.71
666	Forest Stand Improvement	Competition Control - Mechanical, Heavy Equipment	ac	$49.51
666	Forest Stand Improvement	Timber Stand Improvement - Chemical, Ground	ac	$16.38
666	Forest Stand Improvement	Pre-commercial Thinning - Hand tools	ac	$41.09
666	Forest Stand Improvement	Timber Stand Improvement - Single Stem Treatment	ac	$27.61
666	Forest Stand Improvement	Creating Patch Clearcuts	ac	$49.10
666	Forest Stand Improvement	Timber Stand Improvement - Chemical, Aerial	ac	$7.90
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	ac	$2,097.86
B000BFF2	Buffer Bundle#2	Buffer Bundle#2	ac	$1,633.07
B000CPL10	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	ac	$147.09
B000CPL11	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	ac	$45.27
B000CPL12	Non-Irrigated Precision Ag (MRBI)	Non-Irrigated Precision Ag (MRBI)	ac	$49.32
B000CPL13	Non-Irrigated Cropland (MRBI)	Non-Irrigated Cropland (MRBI)	ac	$33.15
B000CPL14	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	ac	$155.36
B000CPL15	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	ac	$53.54
B000CPL16	Non-Irrigated Cropland with Water Bodies (MRBI)	Non-Irrigated Cropland with Water Bodies (MRBI)	ac	$43.08
B000CPL17	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	ac	$73.22
B000CPL18	Crop Bundle #18 - Precision Ag	Crop Bundle #18 - Precision Ag	ac	$50.04
B000CPL19	Crop Bundle #19 - Soil Health Precision Ag	Crop Bundle #19 - Soil Health Precision Ag	ac	$46.61
B000CPL20	Crop Bundle #20 - Soil Health Assessment	Crop Bundle #20 - Soil Health Assessment	ac	$36.05

Code	Practice	Component	Units	Unit Cost
B000CPL21	Crop Bundle #21 - Crop Bundle (Organic)	Crop Bundle #21 - Crop Bundle (Organic)	ac	$49.69
B000CPL22	Crop Bundle #22 - Erosion Bundle (Organic)	Crop Bundle #22 - Erosion Bundle (Organic)	ac	$41.67
B000FST1	Forest Bundle#1	Forest Bundle#1	ac	$88.42
B000GRZ1	Grazing Bundle 1 - Range and Pasture	Grazing Bundle 1 - Range and Pasture	ac	$82.11
B000GRZ2	Grazing Bundle 2 - Range and Pasture	Grazing Bundle 2 - Range and Pasture	ac	$2,179.29
B000GRZ3	Grazing Bundle 3 - Range and Pasture	Grazing Bundle 3 - Range and Pasture	ac	$1,734.89
B000GRZ4	Grazing Bundle 4 - Range and Pasture	Grazing Bundle 4 - Range and Pasture	ac	$2,798.53
B000GRZ5	Grazing Bundle 5 - Range and Pasture	Grazing Bundle 5 - Range and Pasture	ac	$5.77
B000LLP1	Longleaf Pine Bundle#1	Longleaf Pine Bundle#1	ac	$98.88
B000LLP2	Longleaf Pine Bundle#2	Longleaf Pine Bundle#2	ac	$95.74
B000LLP3	Longleaf Pine Bundle#3	Longleaf Pine Bundle#3	ac	$123.00
B000LLP4	Longleaf Pine Bundle #4	Longleaf Pine Bundle #4	ac	$493.26
B000LLP5	Longleaf Pine Bundle #5	Longleaf Pine Bundle #5	ac	$481.64
B000PST5	Pasture Bundle 5	Pasture Bundle #5	ac	$60.04
E314133Z	Brush management for improved structure and composition	Brush mgmt, improved structure and comp	ac	$14.31
E314134Z	Brush management that maintains or enhances wildlife or fish habitat	Brush mgmt, enhance habitat	ac	$14.31
E315132Z	Herbaceous weed control for desired plant communities/habitats consistent with the ecological site	Herbaceous weed control-habitats	ac	$13.22
E315133Z	Herbaceous weed control (inadequate structure and comp) for desired plant communities/habitats	Herbaceous weed control-communities	ac	$13.22
E315134Z	Herbaceous weed control (plant pest pressures) for desired plant communities/habitats	Herbaceous weed control-pest pressures	ac	$13.22
E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	Conservation cover-pollinator food	ac	$293.36
E327136Z2	Establish Monarch butterfly habitat	Establish monarch butterfly habitat	ac	$1,781.06
E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	Conservation cover-pollinator shelter	ac	$293.36
E327139Z	Conservation cover to provide habitat continuity for pollinators and beneficial insects	Conservation cover-habitat continuity	ac	$293.36
E328101I	Improved resource conserving crop rotation to reduce water erosion	IRCCR water erosion	ac	$7.29
E328101R	Resource conserving crop rotation to reduce water erosion	RCCR water erosion	ac	$20.42
E328101Z	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	CRP trans crop rotation-water erosion	ac	$2.92

Code	Practice	Component	Units	Unit Cost
E328106I	Improved resource conserving crop rotation for soil organic matter improvement	IRCCR for SOM improvement	ac	$7.29
E328106R	Resource conserving crop rotation for soil organic matter improvement	RCCR for SOM improvement	ac	$20.42
E328106Z1	Soil health crop rotation	Soil health crop rotation	ac	$4.86
E328106Z2	Modifications to improve soil health and increase soil organic matter	Mod to improve SH and SOM	ac	$9.58
E328106Z3	Conservation crop rotation on recently converted CRP grass/legume cover for SOM improvement	CRP trans crop rotation-SOM	ac	$4.86
E328107I	Improved resource conserving crop rotation to improve soil compaction	IRCCR to improve soil compaction	ac	$7.29
E328107R	Resource conserving crop rotation to improve soil compaction	RCCR to improve soil compaction	ac	$13.61
E328109Z	Conservation crop rotation to reduce the concentration of salts	Rotate to reduce salt concentration	ac	$3.89
E328118Z	Conservation crop rotation to reduce water quality degradation by utilization and removal of excess	Rotation to improve water quality	ac	$4.49
E328134I	Improved resource conserving crop rotation to relieve plant pest pressure	IRCCR to relieve plant pest pressure	ac	$7.29
E328134R	Resource conserving crop rotation to relieve plant pest pressure	RCCR to relieve plant pest pressure	ac	$20.42
E328136Z	Leave standing grain crops unharvested to benefit wildlife food sources	Leave standing grain crops for food	ac	$3.83
E328136Z2	Improved crop rotation to provide benefits to pollinators	Rotation to benefit pollinators	ac	$77.76
E328137Z	Leave standing grain crops unharvested to benefit wildlife cover and shelter	Leave standing grain crops for shelter	ac	$3.83
E329101Z	No till to reduce water erosion	No till to reduce water erosion	ac	$2.92
E329106Z	No till system to increase soil health and soil organic matter content	No till system to increase SH and SOM	ac	$3.89
E329114Z	No till to increase plant-available moisture: irrigation water	No till for IWM	ac	$2.92
E329115Z	No till to increase plant-available moisture: moisture management	No till for moisture mgmt	ac	$2.92
E329128Z	No till to reduce tillage induced particulate matter	No till to reduce PM	ac	$2.92
E329144Z	No till to reduce energy	No till to reduce energy	ac	$3.89
E338136Z	Short-interval burns to promote a healthy herbaceous plant community for wildlife food	Short-interval burns to promote a healthy herbaceous plant community for wildlife food	ac	$88.36
E338137Z1	Sequential patch burning	Sequential patch burning	ac	$148.43
E338137Z2	Short-interval burn	Short-interval burn	ac	$40.21
E338140Z	Short-interval prescribed burning to promote a healthy herbaceous plant community	Short-interval prescribed burning	ac	$85.93
E340101Z	Cover crop to reduce water erosion	Cover crop to reduce water erosion	ac	$7.18
E340106Z1	Intensive cover cropping to increase soil health and soil organic matter content	Cover cropping for SH and SOM	ac	$11.30

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	$10.44
E340106Z3	Intensive cover cropping (orchard/vineyard floor) to increase soil health and SOM content	Cover cropping for orchards/vineyards	ac	$9.52
E340106Z4	Use of SHA to assist with development of cover crop mix to improve soil health and increase SOM	Soil health assessment	ac	$11.56
E340107Z	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	ac	$9.20
E340118Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water	Cover crop for WQ nutrients-runoff	ac	$9.20
E340119Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water	Cover crops for WQ nutrients-drainage	ac	$9.20
E340134Z	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crops for suppression	ac	$9.52
E345101Z	Reduced tillage to reduce water erosion	Reduced tillage to reduce water erosion	ac	$3.89
E345106Z	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage for SH and SOM	ac	$3.89
E345114Z	Reduced tillage to increase plant-available moisture: irrigation water	Reduced tillage for IWM	ac	$2.92
E345115Z	Reduced tillage to increase plant-available moisture: moisture management	Reduced tillage for moisture mgmt	ac	$2.92
E345128Z	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce PM	ac	$2.92
E345144Z	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	ac	$2.92
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	$7,960.49
E381133Z	Silvopasture for wildlife habitat (structure and composition)	Silvopasture-structure and comp	ac	$70.67
E381137Z	Silvopasture for wildlife habitat (cover and shelter)	Silvopasture for wildlife habitat-food	ac	$74.13
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	$596.31
E386106Z	Enhanced field borders to increase carbon storage along the edge(s) of the field	Field borders to increase carbon storage	ac	$596.31
E386128Z	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Field borders to decrease particulates	ac	$596.31
E386136Z	Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	Field border to provide wildlife food	ac	$596.31
E386137Z	Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	Field border to provide wildlife cover	ac	$596.31

Code	Practice	Component	Units	Unit Cost
E386139Z	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	Field border to provide continuity	ac	$596.31
E390118Z	Increase riparian herbaceous cover width for nutrient reduction	Riparian herbaceous cover-nut reduction	ac	$445.67
E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	Riparian herbaceous cover-sed loading	ac	$445.67
E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat	Riparian herbaceous cover-habitat	ac	$673.00
E391118Z	Increase riparian forest buffer width for nutrient reduction	Riparian forest buffer-nut reduction	ac	$1,609.39
E391126Z	Increase riparian forest buffer width to reduce sediment loading	Riparian forest buffer-sed loading	ac	$1,629.23
E391127Z	Increase stream shading for stream temperature reduction	Shade stream to reduce temp	ac	$1,629.23
E391136Z	Increase riparian forest buffer width to enhance wildlife habitat	Riparian forest buffer-habitat	ac	$1,629.23
E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	Extend filter strips- nut runoff	ac	$790.71
E393122Z	Extend existing filter strip to reduce excess pathogens and chemicals in surface water	Extend filter strips-pathogen runoff	ac	$790.71
E393126Z	Extend existing filter strip to reduce excess sediment in surface water	Extend filter strips-sediment	ac	$790.71
E395137X	Stream habitat improvement through placement of woody biomass	Stream habitat improvement with wood	ac	$21,825.85
E399137X	Fishpond management for native aquatic and terrestrial species	Fishpond mgmt	ac	$1,592.81
E449114Z5	Complete pumping plant evaluation for all existing pumps on a farm.	Pumping Plant Evaluation	ac	$5.30
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	$16.06
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	$53.47
E449144Z	Complete pumping plant evaluation for all pumps on a farm.	Pumping plant evaluation	ac	$5.30
E472118Z	Manage livestock access to streams/ditches/other waterbodies to reduce nutrients in surface water	Livestock access to waterbody-nutrients	ft	$2.15
E472122Z	Manage livestock access to streams/ditches/other waterbodies to reduce pathogens in surface water	Livestock access to waterbody-pathogens	ft	$2.15
E484106Z	Mulching to improve soil health	Mulching to improve soil health	ac	$1.94
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	$13.69
E511137Z1	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest using wildlife friendly methods	ac	$3.21
E511137Z2	Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	FHM for cover and shelter	ac	$4.42
E511139Z2	Forage harvest management that helps maintain wildlife habitat continuity (space)	FHM for habitat space continuity	ac	$3.21

Code	Practice	Component	Units	Unit Cost
E512101Z1	Cropland conversion to grass-based agriculture to reduce water erosion	Convert crop to grass for water erosion	ac	$5.28
E512101Z2	Forage and biomass planting for water erosion to improve soil health	Forage planting for SH	ac	$15.21
E512106Z1	Cropland conversion to grass-based agriculture for soil organic matter improvement	Convert crop to grass for SOM	ac	$15.20
E512106Z2	Forage plantings that can help increase organic matter in depleted soils	Forage planting for SOM	ac	$15.74
E512132Z2	Native grasses or legumes in forage base to improve plant productivity and health	Native grasses/legumes-plant health	ac	$15.58
E512133Z1	Native grasses or legumes in forage base to improve plant community structure and composition	Native grasses/legumes-structure/comp	ac	$40.40
E512133Z2	Forage plantings that enhance bird habitat (structure and composition)	Forage planting for structure/comp	ac	$76.36
E512136Z1	Establish pollinator and/or beneficial insect food habitat	Establish pollinator habitat-food	ac	$58.82
E512136Z2	Native grass or legumes in forage base to provide wildlife food	Native grasses/legumes-wildlife food	ac	$58.82
E512137Z	Forage plantings that enhance bird habitat (cover and shelter)	Forage planting for cover and shelter	ac	$76.36
E512138Z	Establish wildlife corridors to enhance access to water	Corridors for water access	ac	$20.21
E512139Z1	Establish wildlife corridors to provide habitat continuity	Corridors for habitat continuity	ac	$19.58
E512139Z2	Establish pollinator and/or beneficial insect habitat continuity (space)	Establish pollinator habitat-space	ac	$59.79
E512139Z3	Establish Monarch butterfly habitat in pastures	Establish Monarch Butterfly Habitat in pastures	ac	$59.79
E512140Z	Native grasses or legumes in forage base	Native grasses or legumes in forage base	ac	$39.26
E528104Z	Grazing management that protects sensitive areas from gully erosion	Grazing mgmt-sensitive areas-erosion	ac	$1.56
E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing-erosion	ac	$8.84
E528107Z1	Improved grazing management for soil compaction through monitoring activities	Grazing mgmt to improve compaction	ac	$7.10
E528118Z1	Prescribed grazing that maintains/improves riparian/watershed function impairment from nutrients	Prescribed grazing-nut runoff	ac	$14.49
E528122Z	Prescribed grazing that maintains/improves riparian/watershed function-pathogens/chemicals	Prescribed grazing-pathogens	ac	$14.49
E528126Z	Prescribed grazing that maintains/improves riparian/watershed function-min sediment in surface water	Prescribed grazing-sediment	ac	$12.88
E528132Z1	Improved grazing mgmt for plant productivity/health through monitoring	Grazing mgmt-plant health	ac	$8.83
E528132Z2	Stockpiling cool season forage to improve plant productivity and health	Stockpile cool season forage-plant prod	ac	$21.06
E528133Z1	Stockpiling cool season forage to improve structure and composition.	Stockpile cool season forage-structure	ac	$21.06

Code	Practice	Component	Units	Unit Cost
E528133Z2	Grazing management for improving quantity/quality of plant structure/composition for wildlife	Grazing mgmt-structure for wildlife	ac	$2.82
E528136Z1	Grazing management for improving quantity and quality of food for wildlife	Grazing mgmt-food	ac	$0.49
E528137Z1	Grazing management for improving quantity and quality of cover and shelter for wildlife	Grazing mgmt-shelter	ac	$0.49
E528137Z2	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-cover/shelter	Add wildlife refuge area-shelter	ac	$15.29
E528138Z	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-water access	Add wildlife refuge area-water	ac	$15.29
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	$7,876.64
E580105Z	Stream corridor bank stability improvement	Stream bank stability improvement	ac	$1,821.82
E580137Z	Stream corridor bank vegetation improvement	Stream corridor bank veg improvement	ac	$1,821.82
E590118X	Reduce risks of nutrient losses to surface water by utilizing precision ag technologies	Precision ag for nut reduction	ac	$17.02
E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	Nut mgmt for surface water	ac	$10.40
E590119X	Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies to p	Prec Ag reduce nut in groundwater	ac	$17.02
E590119Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	Nut mgmt for groundwater	ac	$10.40
E590130Z	Improving nutrient uptake efficiency and reducing risks to air quality - emissions of GHGs	Nut mgmt for GHGs	ac	$10.40
E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Pest mgmt for surface water	ac	$12.80
E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	IPM PAMS techniques	ac	$5.51
E595116Z2	Reducing routine neonicotinoid seed treatments on corn and soybean crops.	Reducing routine seed treatments	ac	$4.86
E595129Z	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	IPM PAMS techniques for ozone reduction	ac	$5.51
E595136X	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Refuges for Bt crops	ac	$11.36
E595137Z	Eliminate use of chemical treatments to control pests and increase dung beetle populations	Pest management for Dung Beetle population enhancement	ac	$5.81
E612126Z	Cropland conversion to trees or shrubs for long term improvement of water quality	Convert crop to trees-WQ	ac	$804.67

Code	Practice	Component	Units	Unit Cost
E612130Z	Planting for high carbon sequestration rate	Planting for high carbon sequestration	ac	$845.82
E612132Z	Establishing tree/shrub species to restore native plant communities	Tree/shrubs-restore native communities	ac	$646.04
E612133X1	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs	ac	$156.63
E612133X2	Cultural plantings	Cultural plantings	ac	$1,269.73
E612136Z	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	ac	$1,232.71
E612137Z	Tree/shrub planting for wildlife cover	Tree/shrub planting for wildlife cover	ac	$1,232.71
E643139X	Creating native plant refugia	Creating native plant refugia	ft	$7.14
E645137Z	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	Reduce human-subsidized predators	ac	$41.50
E646136Z1	Close structures to capture/retain rainfall to improve food for waterfowl/wading birds during winter	Close structures to improve food	ac	$25.09
E646136Z2	Extend retention of rainfall to provide food for late winter habitat	Extend retention - food	ac	$29.51
E646136Z3	Shorebird habitat, late season shallow water with manipulation to improve food sources	Late season shallow water - food	ac	$51.25
E646136Z4	Shorebird habitat, extended late season shallow water with manipulation to improve food sources	Extended late season shallow water-food	ac	$56.73
E646137X	Renovate small, shallow pothole and playa sites which may seasonally hold water	Shallow water development and management	ac	$1,610.63
E647136Z3	Establish and maintenance of moist soil vegetation on cropland edges to increase wildlife food	Moist soil vegetation-food	ac	$11.64
E647137Z2	Establish and maintenance of moist soil vegetation on cropland edges to increase cover/shelter	Moist soil vegetation-cover/shelter	ac	$11.64
E647139Z1	Establish/maintain habitat continuity, naturally occurring vegetation in ditches/ditch bank borders	Naturally occurring veg in ditches	ac	$11.64
E666106Z1	Implementing sustainable practices for pine straw raking	Sustainable pine straw raking	ac	$146.66
E666106Z2	Maintaining and improving forest soil quality	Maintain/improve forest SQ	ac	$39.26
E666107Z	Maintaining and improving forest soil quality by limiting compaction	Maintain/imrove forest compaction	ac	$39.26
E666115Z1	Converting loblolly and slash pine plantations to longleaf pine to retain soil moisture	Convert to longleaf pine-soil moisture	ac	$123.43
E666115Z2	Enhance development of the forest understory to improve site moisture	Forest understory to improve moisture	ac	$239.04
E666118Z	Enhance development of the forest understory to capture nutrients in surface water	Understory-nutrients in surface water	ac	$239.04
E666119Z	Enhance development of the forest understory to capture nutrients -ground water	Understory-nutrients in ground water	ac	$239.04

Code	Practice	Component	Units	Unit Cost
E666130Z	Increase on-site carbon storage	Increase on-site carbon storage	ac	$12.64
E666132Z1	Crop tree management for mast production	Crop tree management for mast production	ac	$342.90
E666132Z2	Reduce forest stand density to improve a degraded plant community	Forest density-degraded plant community	ac	$273.76
E666132Z3	Facilitating oak forest regeneration	Facilitating oak forest regeneration	ac	$507.30
E666133X	Forest Stand Improvement to rehabilitate degraded hardwood stands	FSI-structure/composition in hardwoods	ac	$494.78
E666133Z1	Creating structural diversity with patch openings	Structural diversity with patch openings	ac	$459.48
E666133Z2	Converting loblolly and slash pine plantations to longleaf pine with FSI and prescribed burning	Convert to longleaf pine-FSI and burning	ac	$123.43
E666134Z	Enhance development of the forest understory to create conditions resistant to pests	Forest understory-resistant to pests	ac	$239.04
E666135Z1	Reduce height of the forest understory to limit wildfire risk	Forest understory-limit wildfire risk	ac	$239.04
E666135Z2	Reduce forest density and manage understory along roads to limit wildfire risk	Manage understory-limit wildfire risk	ac	$273.76
E666136Z1	Reduce forest density and manage understory along roads to improve wildlife food sources	Manage understory-wildlife food sources	ac	$273.76
E666136Z2	Reduce forest stand density to improve wildlife food sources	Stand density-wildlife food sources	ac	$273.76
E666136Z3	Create patch openings to enhance wildlife food sources and availability	Patch openings-food and availability	ac	$283.34
E666137Z1	Snags, den trees, and coarse woody debris for wildlife habitat	Snags and den trees for wildlife	ac	$45.08
E666137Z2	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for bats	ac	$195.57
E666137Z3	Increase diversity in pine plantation monocultures	Improve pine plantation diversity	ac	$459.48
E666137Z4	Converting loblolly and slash pine plantations to longleaf pine to enhance wildlife habitat	Convert to longleaf pine-habitat	ac	$123.43
E666137Z5	Implementing sustainable practices for pine straw raking to enhance wildlife habitat	Sustainable pine straw raking-habitat	ac	$146.66
E666137Z6	Create patch openings to enhance wildlife cover and shelter	Patch openings-cover and shelter	ac	$283.34
E666137Z7	Enhance development of the forest understory to provide wildlife cover and shelter	Understory to provide cover/shelter	ac	$239.04
E666137Z8	Forest songbird habitat maintenance	Forest songbird habitat maintenance	ac	$183.05