

Code	Practice	Component	Units	Unit Cost
314	Brush Management	Mechanical Chemical	Ac	\$113.54
314	Brush Management	Light Mechanical	Ac	\$46.64
314	Brush Management	Medium Mechanical	Ac	\$78.24
314	Brush Management	Chemical Light	Ac	\$27.97
314	Brush Management	Chemical Moderate	Ac	\$45.66
314	Brush Management	Brush Hog	Ac	\$11.87
314	Brush Management	Heavy Mechanical	Ac	\$99.06
314	Brush Management	Manual, Hand tools	Ac	\$8.39
314	Brush Management	Chemical Difficult Control	Ac	\$95.31
314	Brush Management	Chemical, Individual Plant Treatment	Ac	\$4.37
315	Herbaceous Weed Treatment	Moderate Control for Phragmites	Ac	\$118.94
315	Herbaceous Weed Treatment	Moderate Density	Ac	\$31.24
315	Herbaceous Weed Treatment	Intensive	Ac	\$92.03
315	Herbaceous Weed Treatment	Phragmites - Intensive	Ac	\$192.02
315	Herbaceous Weed Treatment	Low Density	Ac	\$6.45
319	On-Farm Secondary Containment Facility	Double Wall Tank	Gal	\$0.18
319	On-Farm Secondary Containment Facility	Concrete Containment with Roof over 150 SF	SqFt	\$4.75
319	On-Farm Secondary Containment Facility	Spill Pallet	Gal	\$0.72
319	On-Farm Secondary Containment Facility	Concrete Containment with Roof up to 150 SF	SqFt	\$6.27
324	Deep Tillage	Deep Tillage less than 20 inches	Ac	\$2.81
324	Deep Tillage	Deep Tillage more than 20 inches	Ac	\$6.67
327	Conservation Cover	Pollinator Mix-Small Footprint	kSqFt	\$13.40
327	Conservation Cover	Introduced Species	Ac	\$23.94
327	Conservation Cover	Pollinator Species	Ac	\$71.95
327	Conservation Cover	Native Species	Ac	\$23.28
327	Conservation Cover	Introduced with Forgone Income	Ac	\$52.72
327	Conservation Cover	Orchard or Vineyard Alleyways	Ac	\$16.30

Code	Practice	Component	Units	Unit Cost
327	Conservation Cover	Monarch Species Mix	Ac	\$89.67
327	Conservation Cover	Native Species with Forgone Income	Ac	\$58.89
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	Ac	\$3.30
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	Ac	\$1.24
328	Conservation Crop Rotation	Specialty Crop Rotations-Small Scale	kSqFt	\$3.39
329	Residue and Tillage Management, No Till	Small Scale No Till	kSqFt	\$3.87
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	Ac	\$2.24
329	Residue and Tillage Management, No Till	No Till Adaptive Management	No	\$363.02
340	Cover Crop	Cover Crop - Basic Organic	Ac	\$10.98
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	Ac	\$10.25
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	Ac	\$8.19
340	Cover Crop	Cover Crop - 1 acre or less	Ac	\$53.13
340	Cover Crop	Multi-species Cover Crop per 1000 square feet	kSqFt	\$5.65
340	Cover Crop	Cover Crop - Adaptive Management	No	\$283.67
340	Cover Crop	Mechanical Termination of Cover Crop per 1000 square feet	kSqFt	\$2.71
342	Critical Area Planting	Permanent Cover	kSqFt	\$2.05
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	\$49.50
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	\$96.19
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	\$132.82
342	Critical Area Planting	Hydroseed	Ac	\$174.50
342	Critical Area Planting	Hydroseed, extra site preparation	Ac	\$243.05
342	Critical Area Planting	Native or Introduced Vegetation including shrub planting - Normal Tillage	Ac	\$112.50
345	Residue and Tillage Management, Reduced Till	Reduced Tillage less than 0.5 acres	kSqFt	\$3.33
345	Residue and Tillage Management, Reduced Till	Residue and Tillage Management, Reduced Till	Ac	\$2.77
345	Residue and Tillage Management, Reduced Till	Mulch till-Adaptive Management	No	\$442.57
374	Energy Efficient Agricultural Operation	Reverse Osmosis <= 250 GPH	Gal/Hr	\$4.39
374	Energy Efficient Agricultural Operation	Greenhouse Roof Vent	Ft	\$7.06
374	Energy Efficient Agricultural Operation	Greenhouse Step Controller System	No	\$140.94
374	Energy Efficient Agricultural Operation	Reverse Osmosis >= 1000 GPH	Gal/Hr	\$2.19

Code	Practice	Component	Units	Unit Cost
374	Energy Efficient Agricultural Operation	Maple Syrup PreHeater <= 24 SF	SqFt	\$144.89
374	Energy Efficient Agricultural Operation	Root Zone Heating - Greenhouse In-Ground Distribution	Ft	\$0.42
374	Energy Efficient Agricultural Operation	Reverse Osmosis >250 - <1000 GPH	Gal/Hr	\$2.83
374	Energy Efficient Agricultural Operation	Variable Speed Drive > 10 HP	HP	\$12.29
374	Energy Efficient Agricultural Operation	Variable Speed Drive < = 10 HP	HP	\$25.89
374	Energy Efficient Agricultural Operation	Scroll Compressor	HP	\$251.19
374	Energy Efficient Agricultural Operation	Heating (Small Room)	kBTU/Hr	\$2.67
374	Energy Efficient Agricultural Operation	Compressor Heat Recovery	No	\$584.76
374	Energy Efficient Agricultural Operation	Maple Syrup PreHeater > 24 SF	SqFt	\$70.20
374	Energy Efficient Agricultural Operation	Evaporator Wood-Fired, Gasifier	SqFt	\$112.94
374	Energy Efficient Agricultural Operation	Heating (Building)	kBTU/Hr	\$5.83
374	Energy Efficient Agricultural Operation	Evaporator defrost heater control	No	\$95.52
374	Energy Efficient Agricultural Operation	Ventilation - HAF	No	\$45.72
374	Energy Efficient Agricultural Operation	Motor Upgrade <= 1 HP	No	\$75.49
374	Energy Efficient Agricultural Operation	Plate Cooler	No	\$520.24
374	Energy Efficient Agricultural Operation	Motor Upgrade 10 - 100 HP	No	\$399.18
374	Energy Efficient Agricultural Operation	Automatic Controller System	No	\$234.68
374	Energy Efficient Agricultural Operation	Evaporator Oil-Fired, Parametric Control	SqFt	\$74.84
374	Energy Efficient Agricultural Operation	Ventilation - 48 inch Exhaust	No	\$226.22
374	Energy Efficient Agricultural Operation	Ventilation - 36 inch Exhaust	No	\$165.48
374	Energy Efficient Agricultural Operation	Ventilation - 24 inch Exhaust	No	\$104.71
374	Energy Efficient Agricultural Operation	Ventilation - 18 inch Exhaust	No	\$89.87
374	Energy Efficient Agricultural Operation	Motor Upgrade > 1 and < 10 HP	No	\$112.37
374	Energy Efficient Agricultural Operation	High Efficiency Hot Water Heater	No	\$385.27
378	Pond	Embankment Pond with Pipe	CuYd	\$0.79
378	Pond	Excavated Pit	CuYd	\$0.85
378	Pond	Embankment Pond without Pipe	CuYd	\$0.63
380	Windbreak/Shelterbelt Establishment and Renovation	2-row windbreak, shrubs, machine planted	Ft	\$0.08
380	Windbreak/Shelterbelt Establishment and Renovation	1 row windbreak, trees, hand planted	Ft	\$0.03

Code	Practice	Component	Units	Unit Cost
380	Windbreak/Shelterbelt Establishment and Renovation	2-row windbreak, trees, machine planted	Ft	\$0.08
380	Windbreak/Shelterbelt Establishment and Renovation	1 row windbreak, shrubs, hand planted	Ft	\$0.07
382	Fence	Barbed Wire	Ft	\$0.40
382	Fence	Interior, electrified	Ft	\$0.14
382	Fence	Portable	Ft	\$0.08
382	Fence	96 inch exclusion fence	Ft	\$1.21
382	Fence	Woven Wire	Ft	\$0.52
382	Fence	2-4 Wire Electrified, High Tensile	Ft	\$0.33
382	Fence	Confinement	Ft	\$1.12
382	Fence	5-6 Wire, Electrified, High Tensile	Ft	\$0.36
382	Fence	Chain Link/Safety	Ft	\$2.29
384	Woody Residue Treatment	Forest Slash Treatment - Med/Heavy	Ac	\$49.27
384	Woody Residue Treatment	Orchard/Vineyard prunings/removals	Ac	\$27.35
384	Woody Residue Treatment	Restoration/conservation treatment following catastrophic events	Ac	\$77.14
384	Woody Residue Treatment	Woody residue/silvicultural slash treatment-light	Ac	\$23.55
384	Woody Residue Treatment	Chipping and hauling off-site	Ac	\$28.60
386	Field Border	Field Border, Pollinator	Ac	\$50.50
386	Field Border	Field Border, Introduced Species	Ac	\$15.15
386	Field Border	Small Scale Field Border	kSqFt	\$8.10
386	Field Border	Field Border, Pollinator, Forgone Income	Ac	\$86.10
386	Field Border	Field Border, Introduced Species, Forgone Income	Ac	\$50.76
386	Field Border	Field Border, Native Species, Forgone Income	Ac	\$54.51
386	Field Border	Field Border, Native Species	Ac	\$18.90
391	Riparian Forest Buffer	Bare Root, All Shelters	Ac	\$321.30
391	Riparian Forest Buffer	Bare Root, No Shelters	Ac	\$232.70
391	Riparian Forest Buffer	High Risk Areas	Ac	\$812.88
391	Riparian Forest Buffer	Large container, hand planted	Ac	\$302.10
393	Filter Strip	Filter Strip, Introduced species, Forgone Income	Ac	\$58.91
393	Filter Strip	Filter Strip, Introduced species	Ac	\$23.30

Code	Practice	Component	Units	Unit Cost
395	Stream Habitat Improvement and Management	Conifer Tree Revetment	CuYd	\$5.92
395	Stream Habitat Improvement and Management	Constructed Log Jam	CuYd	\$7.33
395	Stream Habitat Improvement and Management	Instream rock placement	Ac	\$1,647.21
395	Stream Habitat Improvement and Management	Rock and wood structures	Ac	\$3,439.36
395	Stream Habitat Improvement and Management	Stream Restoration - Moderate	Ac	\$24,768.30
395	Stream Habitat Improvement and Management	Mechanical instream wood placement	Ac	\$2,183.35
395	Stream Habitat Improvement and Management	Stream Restoration - Low	Ac	\$15,169.54
395	Stream Habitat Improvement and Management	Complex Stream Structure	CuYd	\$60.08
395	Stream Habitat Improvement and Management	Boulder Placement	CuYd	\$13.58
395	Stream Habitat Improvement and Management	Manual Instream wood placement	Ac	\$1,011.86
395	Stream Habitat Improvement and Management	Stream Restoration - High	Ac	\$37,699.18
396	Aquatic Organism Passage	Concrete Ladder	Ft	\$10,267.78
396	Aquatic Organism Passage	Concrete Box Culvert	SqFt	\$25.32
396	Aquatic Organism Passage	Earthen Dam Removal	CuYd	\$6.54
396	Aquatic Organism Passage	Earthen Dam Removal less than or equal to 1000 cu. yd.	CuYd	\$12.53
396	Aquatic Organism Passage	Timber Bridge with Block Abutments	SqFt	\$12.74
396	Aquatic Organism Passage	Low Water Crossing	CuYd	\$25.27
396	Aquatic Organism Passage	Bridge, CIP abutment, Geotech Investigation	SqFt	\$16.99
396	Aquatic Organism Passage	Bridge, Prefabricated	SqFt	\$16.23
396	Aquatic Organism Passage	Bridge, Precast Abutment	SqFt	\$14.26
396	Aquatic Organism Passage	Nature-Like Fishway	SqFt	\$5.98
396	Aquatic Organism Passage	Stream Simulation Culvert - no Headwall	SqFt	\$11.30
396	Aquatic Organism Passage	Crossing Decomissioning with Abutments	No	\$2,333.87
396	Aquatic Organism Passage	Bridge, Prefabricated with Bolted Metal Abutments	SqFt	\$33.84
396	Aquatic Organism Passage	Blockage Removal	CuYd	\$2.62
396	Aquatic Organism Passage	Stream Simulation Culvert -with Headwall	SqFt	\$16.58
396	Aquatic Organism Passage	Concrete Dam Removal	CuYd	\$49.98
396	Aquatic Organism Passage	Step Pool Weir	SqFt	\$10.88
410	Grade Stabilization Structure	Rock Chute	CuYd	\$14.23

Code	Practice	Component	Units	Unit Cost
410	Grade Stabilization Structure	Catch Basin and Pipe =< 24 inch	No	\$972.85
410	Grade Stabilization Structure	Catch Basin and Pipe >24 inch	No	\$1,660.69
410	Grade Stabilization Structure	Log Drop Structures	No	\$675.22
410	Grade Stabilization Structure	Embankment, Soil Treatment	CuYd	\$1.08
410	Grade Stabilization Structure	Embankment, Pipe >12 inch	CuYd	\$0.96
410	Grade Stabilization Structure	Embankment, Pipe <= 6 inch	CuYd	\$0.60
410	Grade Stabilization Structure	Check Dams	CuYd	\$15.64
410	Grade Stabilization Structure	Embankment, Pipe 8-12 inch	CuYd	\$0.73
410	Grade Stabilization Structure	Pipe Drop, Plastic	SqFt	\$5.64
410	Grade Stabilization Structure	Concrete Weir	SqFt	\$26.53
410	Grade Stabilization Structure	Sheetpile Weir	SqFt	\$29.85
410	Grade Stabilization Structure	Rock Drop Structures	SqFt	\$10.13
410	Grade Stabilization Structure	Weir Drop Structures	SqFt	\$14.00
410	Grade Stabilization Structure	Pipe Drop, Steel	SqFt	\$3.62
412	Grassed Waterway	Base Waterway, Seeding	SqFt	\$0.03
420	Wildlife Habitat Planting	Specialized Habitat Requirements on Non-Cropland, no Foregone Income	Ac	\$97.92
420	Wildlife Habitat Planting	Low Species Diversity on Cropland with Foregone Income	Ac	\$67.26
420	Wildlife Habitat Planting	Very Small Acreage (<.5 ac) Planting with Seedlings	SqFt	\$0.06
420	Wildlife Habitat Planting	Highly Specialized Habitat Requirements (Monarch) on Non-Cropland, No FI	Ac	\$128.41
420	Wildlife Habitat Planting	Low Species Diversity on Non-Cropland, no Foregone Income	Ac	\$26.31
420	Wildlife Habitat Planting	High Species Diversity on Cropland with Foregone Income	Ac	\$95.56
420	Wildlife Habitat Planting	High Species Diversity on Fallow or Non-Cropland, no Foregone Income	Ac	\$52.94
420	Wildlife Habitat Planting	Specialized Habitat Requirements on Cropland with Foregone Income	Ac	\$137.20
422	Hedgerow Planting	Pollinator Habitat	Ft	\$0.39
422	Hedgerow Planting	Wildlife, Warm Season Grass	Ft	\$0.44
422	Hedgerow Planting	Wildlife Cool Season	Ft	\$0.45
430	Irrigation Pipeline	PVC (Iron Pipe Size) 10in or more diameter with 4 in sand bedding	Lb	\$0.32
430	Irrigation Pipeline	Surface HDPE (Iron Pipe Size & Tubing)	Lb	\$0.55
430	Irrigation Pipeline	Surface Aluminum (Aluminum Irrigation Pipe)	Lb	\$0.84

Code	Practice	Component	Units	Unit Cost
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) greater than 3in to 8in diameter	Lb	\$0.56
430	Irrigation Pipeline	PVC (Iron Pipe Size) 8in or less diameter with 4 in sand bedding	Lb	\$0.45
430	Irrigation Pipeline	PVC (Iron Pipe Size) 8in or less diam	Lb	\$0.43
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) up to 3 inch diameter	Lb	\$2.59
430	Irrigation Pipeline	PVC (Iron Pipe Size) 10in or more diameter	Lb	\$0.32
430	Irrigation Pipeline	PVC (Iron Pipe Size), less than or equal to 4 inch, Small Scale System	Lnft	\$0.62
430	Irrigation Pipeline	Horizontal Boring	Ft	\$19.40
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 10in or more diameter	Lb	\$0.46
441	Irrigation System, Microirrigation	Surface Permanent PE Tube Disk or Screen Filter Laterals 9 ft oc	Ac	\$278.07
441	Irrigation System, Microirrigation	Automated Surface Permanent PE Tube with Media Filter Laterals 9 ft oc	Ac	\$364.18
441	Irrigation System, Microirrigation	Microjet with Filter	Ac	\$327.56
441	Irrigation System, Microirrigation	Surface Tape <5 acres	Ac	\$427.72
441	Irrigation System, Microirrigation	Surface Tape > or = 5 acres	Ac	\$285.12
441	Irrigation System, Microirrigation	Surface Permanent PE Tube with Media Filter Laterals 14 ft oc	Ac	\$289.63
441	Irrigation System, Microirrigation	Small Microirrigation System	SqFt	\$0.10
441	Irrigation System, Microirrigation	Surface Permanent PE Tube with Disk or Screen filter laterals 14 ft oc	Ac	\$213.04
441	Irrigation System, Microirrigation	Multiple Outlet Drip	SqFt	\$0.05
441	Irrigation System, Microirrigation	Surface Permanent PE tube with Media Filter Laterals 9 ft oc	Ac	\$354.66
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation)	Ac	\$235.31
441	Irrigation System, Microirrigation	Hoop House Surface Microirrigation	SqFt	\$0.02
442	Sprinkler System	Traveling Boom	Lnft	\$47.75
442	Sprinkler System	Traveling Gun System, 2 inch to 3 inch Hose	No	\$2,586.59
442	Sprinkler System	Lateral Move System > 1000 LF	Ft	\$14.02
442	Sprinkler System	Center Pivot System	Ft	\$8.05
442	Sprinkler System	Traveling Gun System, > 3 inch Hose	No	\$4,858.60
442	Sprinkler System	Solid Set System	Ac	\$597.57
442	Sprinkler System	Linear Move System	Ft	\$12.65
442	Sprinkler System	Traveling Gun System, < 2 inch Hose	No	\$1,439.05
442	Sprinkler System	Pod System	No	\$31.61

Code	Practice	Component	Units	Unit Cost
449	Irrigation Water Management	Soil Moisture Sensors with Data Recorder_1stYear	No	\$200.92
449	Irrigation Water Management	IWM w weather station	No	\$758.89
449	Irrigation Water Management	Irrigation Auto Start	No	\$1,016.72
449	Irrigation Water Management	Basic IWM <= 30 acres	Ac	\$3.30
449	Irrigation Water Management	Soil Moisture Sensors_1st Year	No	\$143.45
449	Irrigation Water Management	Advanced IWM <= 30 acres	Ac	\$5.50
449	Irrigation Water Management	Intermediate IWM > 30 acres	Ac	\$1.58
449	Irrigation Water Management	Intermediate IWM <= 30 acres	Ac	\$4.40
449	Irrigation Water Management	Advanced IWM > 30 acres	Ac	\$1.93
449	Irrigation Water Management	Basic IWM > 30 acres	Ac	\$1.23
472	Access Control	Animal exclusion from sensitive areas	Ft	\$0.22
472	Access Control	Forest/Farm Access Control	Ft	\$0.02
472	Access Control	Hibernaculum Bat Gate	SqFt	\$9.27
472	Access Control	Trails/Roads Access Control	No	\$79.27
472	Access Control	Trail/Road Access Control with hand tools	No	\$79.72
472	Access Control	BioSecurity Access Control	Ft	\$2.82
484	Mulching	Erosion Control Blanket	kSqFt	\$24.25
484	Mulching	Straw or Hay, Manual Application	Ac	\$55.18
484	Mulching	Straw or Hay, Mechanical Application	Ac	\$22.82
484	Mulching	Synthetic Material	Ac	\$59.30
484	Mulching	Natural Material - Partial Coverage	Ac	\$4.98
484	Mulching	Tree and Shrub	No	\$0.07
484	Mulching	Aggregate	kSqFt	\$44.40
490	Tree/Shrub Site Preparation	Hand site preparation	Ac	\$24.79
490	Tree/Shrub Site Preparation	Mechanical - Light	Ac	\$6.97
490	Tree/Shrub Site Preparation	Mechanical - Heavy	Ac	\$29.32
490	Tree/Shrub Site Preparation	Chemical - Ground Application	Ac	\$23.19
511	Forage Harvest Management	Organic Preemptive Harvest	Ac	\$1.90
511	Forage Harvest Management	Improved Forage Quality	Ac	\$0.56

Code	Practice	Component	Units	Unit Cost
511	Forage Harvest Management	Perennial Crops - Delayed Mowing	Ac	\$2.57
512	Pasture and Hay Planting	Cool Season, Establish or Reseed	Ac	\$53.95
512	Pasture and Hay Planting	Overseed, Organic	Ac	\$13.30
512	Pasture and Hay Planting	Overseed	Ac	\$11.48
512	Pasture and Hay Planting	Warm Season, Native, Establish or Reseed	Ac	\$57.80
512	Pasture and Hay Planting	Cool Season, Establish or Reseed, Organic	Ac	\$65.43
516	Livestock Pipeline	PE Pipe, greater than 1 in Dia., Buried 4ft Deep w/ sand bedding	Ft	\$1.03
516	Livestock Pipeline	Horizontal Boring, 3in or less diam pipe	Lnft	\$5.78
516	Livestock Pipeline	PE Pipe less than or equal to 1 in. Dia., Buried 4 ft Deep	Ft	\$0.33
516	Livestock Pipeline	PE Pipe, greater than 1in Dia., Buried 4ft Deep	Ft	\$0.55
516	Livestock Pipeline	PE Pipe, less than or equal to 1 in. Dia., Above Ground	Ft	\$0.17
516	Livestock Pipeline	PE Pipe less than or equal to 1 in. Dia., Buried 4ft Deep w/sand bedding	Ft	\$0.81
516	Livestock Pipeline	PE Pipe less than or equal to 1in. Dia., Buried 2ft Deep	Ft	\$0.24
516	Livestock Pipeline	PE Pipe, greater than 1in diam, Above Ground	Ft	\$0.41
516	Livestock Pipeline	PE Pipe, greater than 1in Dia., Buried 2ft Deep	Ft	\$0.45
528	Prescribed Grazing	Intensive	Ac	\$12.94
528	Prescribed Grazing	Weekly moves	Ac	\$4.33
528	Prescribed Grazing	Twice weekly moves	Ac	\$10.76
528	Prescribed Grazing	Deferred grazing	Ac	\$4.35
533	Pumping Plant	Solids Handling Wastewater Pump up to 2Hp	No	\$480.48
533	Pumping Plant	Electric Powered Pump Less Than 3 HP with Adequate Pump Controls	BHP	\$293.89
533	Pumping Plant	Electric-Powered Pump 10 to 40 HP	BHP	\$68.74
533	Pumping Plant	Electric-Powered Pump 3 up to less than 10 HP with Adequate Pump Controls	BHP	\$115.47
533	Pumping Plant	Electric Powered Pump less than 3 Hp	BHP	\$254.10
533	Pumping Plant	Electric-Powered Pump 3 up to less than 10 HP	BHP	\$107.54
533	Pumping Plant	Livestock Nose Pump	No	\$138.32
533	Pumping Plant	Internal Combustion-Powered Pump over 75 HP	BHP	\$69.91
533	Pumping Plant	Tractor Power Take Off (PTO) Pump	BHP	\$16.90
533	Pumping Plant	Manure PTO Vertical Shaft Pump	No	\$3,745.15

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Solids Handling Wastewater Pump over 2Hp	No	\$1,037.00
533	Pumping Plant	Electric-Powered Pump over 40 HP	BHP	\$60.10
533	Pumping Plant	Piston Manure Pump	No	\$6,746.86
533	Pumping Plant	PTO Side Mounted Manure Pump	No	\$4,820.78
533	Pumping Plant	Internal Combustion Powered Pump less than 7.5 HP	BHP	\$94.40
533	Pumping Plant	Variable Frequency Drive Less Than 10HP	HP	\$23.55
533	Pumping Plant	Internal Combustion-Powered Pump 7.5 to 75 HP	BHP	\$78.38
533	Pumping Plant	Photovoltaic-Powered Pump, <4 kW	Kw	\$852.91
533	Pumping Plant	Variable Frequency Drive over 10HP	HP	\$14.53
558	Roof Runoff Structure	Roof Gutter with Fascia	Ft	\$2.78
558	Roof Runoff Structure	Concrete Swale	Ft	\$2.00
558	Roof Runoff Structure	Trench Drain	Ft	\$1.38
558	Roof Runoff Structure	Roof Gutter, Large	Ft	\$2.12
558	Roof Runoff Structure	High Tunnel Roof Runoff Trench Drain and Storage	Lnft	\$4.14
558	Roof Runoff Structure	Roof Gutter, Small	Ft	\$1.02
561	Heavy Use Area Protection	Concrete with Curb over 1000 SF	SqFt	\$1.08
561	Heavy Use Area Protection	Curb without Footer	Ft	\$3.02
561	Heavy Use Area Protection	Gravel or Wood Chip Pad	SqFt	\$0.35
561	Heavy Use Area Protection	Concrete/Asphalt without Curb over 1000 SF	SqFt	\$0.73
561	Heavy Use Area Protection	Concrete/Asphalt without Curb up to 1000 SF	SqFt	\$0.81
561	Heavy Use Area Protection	Bunk Silo Slab	SqFt	\$0.93
561	Heavy Use Area Protection	Curb with Footer	Ft	\$6.11
561	Heavy Use Area Protection	Confined Poultry outdoor access	SqFt	\$0.33
561	Heavy Use Area Protection	Concrete with Curb up to 1000 SF	SqFt	\$1.20
574	Spring Development	Solid Well Tile & Pipe Development	No	\$503.79
574	Spring Development	Perforated Well Tile Development	No	\$255.82
578	Stream Crossing	Low Water Crossing, Riprap or Rock	SqFt	\$0.64
578	Stream Crossing	Timber Bridge with Block Abutments	SqFt	\$9.88
578	Stream Crossing	Bridge with cast in place abutments, span > 14 feet	SqFt	\$17.95

Code	Practice	Component	Units	Unit Cost
578	Stream Crossing	Concrete Box Culvert	SqFt	\$25.31
578	Stream Crossing	Bridge, Light Weight Timber	SqFt	\$5.64
578	Stream Crossing	Stream Simulation Culvert, with Headwalls	SqFt	\$16.58
578	Stream Crossing	Bridge, prefabricated	SqFt	\$16.23
578	Stream Crossing	Low water crossing using prefabricated products	SqFt	\$2.40
578	Stream Crossing	Culvert Installation, greater than or equal to 30 inch diameter	InFt	\$0.40
578	Stream Crossing	Bridge with precast abutments	SqFt	\$14.78
578	Stream Crossing	Stream Simulation Culvert, without Headwalls	SqFt	\$8.43
580	Streambank and Shoreline Protection	Riprap	CuYd	\$14.49
580	Streambank and Shoreline Protection	Bioengineered	SqFt	\$0.44
580	Streambank and Shoreline Protection	Structural	Ft	\$26.48
580	Streambank and Shoreline Protection	Vegetative	Ft	\$2.53
587	Structure for Water Control	Flow Meter with Electronic Index	In	\$36.25
587	Structure for Water Control	Inline Flashboard Riser, Metal	InFt	\$0.59
587	Structure for Water Control	Inlet Flashboard Riser, Metal	InFt	\$0.57
587	Structure for Water Control	Culvert <30 inches HDPE	InFt	\$0.27
587	Structure for Water Control	Culvert <30 inches CMP	InFt	\$0.29
587	Structure for Water Control	In-Stream Structure for Water Surface Profile	Ft	\$28.44
587	Structure for Water Control	Commercial Inline Flashboard Riser	InFt	\$0.76
587	Structure for Water Control	Catch Basin, 3 ft width	Vft	\$41.49
587	Structure for Water Control	Fish Screen > 400gpm	No	\$404.12
587	Structure for Water Control	Catch Basin, 5 ft diameter	Vft	\$83.25
587	Structure for Water Control	Fish Screens <= 400 gpm	No	\$223.60
587	Structure for Water Control	Beaver Exclusion and Flow Device	No	\$221.57
590	Nutrient Management	Basic NM (Organic/NonOrganic) greater than or equal to 0.5-10 acres	No	\$32.42
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	Ac	\$4.05
590	Nutrient Management	NM with grid/zone soil sampling, soil nitrate/plant tissue test (Non-Organic/Organic)	Ac	\$2.28
590	Nutrient Management	Basic NM (Non-Organic/Organic)	Ac	\$0.95
590	Nutrient Management	Basic NM with Manure Injection	Ac	\$6.42

Code	Practice	Component	Units	Unit Cost
590	Nutrient Management	Small Scale Basic Nutrient Management	kSqFt	\$7.29
590	Nutrient Management	Adaptive NM	No	\$282.54
590	Nutrient Management	NM with Nitrification or Urease Inhibitor (Non-Organic/Organic)	Ac	\$3.39
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	Ac	\$2.03
595	Pest Management Conservation System	Plant Health PAMS (acs) Low Labor and Materials	Ac	\$2.29
595	Pest Management Conservation System	Plant Health PAMS (acs) Low Labor, materials and mitigation.	Ac	\$6.09
595	Pest Management Conservation System	Pest Management Precision Ag	Ac	\$6.26
595	Pest Management Conservation System	Plant Health PAMS (acs) High Labor and materials	Ac	\$41.93
595	Pest Management Conservation System	Water Quality Pesticide Mitigation > 30 Point AND/OR Beneficial Insect Pesticide Mitigation - Small Farm	No	\$192.22
595	Pest Management Conservation System	Water Quality Pesticide Mitigation = 30 Point AND/OR Beneficial Insect Pesticide Mitigation	Ac	\$3.89
595	Pest Management Conservation System	Plant health PAMS (Small Farm - each) labor only	No	\$57.84
595	Pest Management Conservation System	Plant Health PAMS activities (Small Farm - each) labor and materials	No	\$578.65
595	Pest Management Conservation System	Water Quality Pesticide Mitigation = 30 Point AND/OR Beneficial Insect Pesticide Mitigation - Small Farm	No	\$116.11
595	Pest Management Conservation System	Plant Health PAMS activities (Small Farm - each) labor, materials and mitigation.	No	\$836.14
595	Pest Management Conservation System	Water Quality Pesticide Mitigation > 30 Point AND/OR Beneficial Insect Pesticide Mitigation	Ac	\$6.79
595	Pest Management Conservation System	Plant health PAMS (Small Farm - each) labor and mitigation.	No	\$181.16
595	Pest Management Conservation System	Plant Health PAMS (acs) Low labor only	Ac	\$1.54
595	Pest Management Conservation System	Plant Health PAMS (acs) High Labor, materials and mitigation.	Ac	\$47.10
595	Pest Management Conservation System	Plant Health PAMS (acs) High labor only (intensive scouting etc.)	Ac	\$4.79
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch (No Gravel)	Ft	\$0.47
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch (with 1'x2' Env.of Gravel)	Ft	\$0.76
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, >= 8 inch (No Gravel)	Ft	\$1.30
612	Tree/Shrub Establishment	Mostly Hardwood Hand Planting-bare root-protected	Ac	\$236.19
612	Tree/Shrub Establishment	Shrub Planting	Ac	\$47.11
612	Tree/Shrub Establishment	Plant Small Areas/Quantities	Ac	\$284.97
612	Tree/Shrub Establishment	Hardwood Hand Planting-bare root-protected	Ac	\$68.60
612	Tree/Shrub Establishment	Hardwood Est.-Direct Seeding	Ac	\$79.76
612	Tree/Shrub Establishment	Shrub Bare Root Hand Planting In Sod Grasses	No	\$0.72

Code	Practice	Component	Units	Unit Cost
612	Tree/Shrub Establishment	Individual tree - hand planting	No	\$0.11
612	Tree/Shrub Establishment	Conifer seedling - hand planting - tree protection	No	\$0.24
612	Tree/Shrub Establishment	Shrub Planting - Each	No	\$1.94
614	Watering Facility	Permanent Drinking and/or Storage 1000 to 5000 Gallons	Gal	\$0.21
614	Watering Facility	Above ground poly storage tank 1000 - 3000 gallons	No	\$334.12
614	Watering Facility	Above ground poly storage tank 300 - 1000 gallons	No	\$155.80
614	Watering Facility	Water Ramp, Rock in GeoCell on Geotextile	SqFt	\$0.41
614	Watering Facility	Permanent Drinking and/or Storage over 5000 Gallons	Gal	\$0.08
614	Watering Facility	Frost Free Trough	No	\$91.64
614	Watering Facility	Water Ramp, Rock on Geotextile	SqFt	\$0.15
614	Watering Facility	Above ground poly storage tank <300 gallons	No	\$103.89
614	Watering Facility	Permanent Drinking and/or Storage 500 to 1000 Gallons	Gal	\$0.29
614	Watering Facility	Permanent Storage Tank	Gal	\$0.13
614	Watering Facility	Portable Drinking and/or Storage	Gal	\$0.25
614	Watering Facility	Permanent Drinking and/or Storage up to 500 Gallons	Gal	\$0.46
620	Underground Outlet	8 to 12 inch High Density Polyethylene (HDPE) Pipe with Riser	Ft	\$2.18
620	Underground Outlet	6 inch Corrugated Plastic Pipe (CPP) only	Ft	\$1.16
620	Underground Outlet	4 to 6 inch Corrugated Plastic Pipe (CPP) with Riser	Ft	\$1.36
620	Underground Outlet	10 inch High Density Polyethylene (HDPE) Pipe only	Ft	\$1.90
620	Underground Outlet	4 inch Corrugated Plastic Pipe (CPP) only	Ft	\$0.70
620	Underground Outlet	8 inch Corrugated Plastic Pipe (CPP) only	Ft	\$1.41
643	Restoration of Rare or Declining Natural Communities	Very small acres planting with seedlings or plugs	Ac	\$317.37
643	Restoration of Rare or Declining Natural Communities	Habitat Monitoring and Management, High Intensity and Complexity	Ac	\$2.58
643	Restoration of Rare or Declining Natural Communities	Beetle Bank	Lnft	\$0.59
644	Wetland Wildlife Habitat Management	Creation of Turtle Nesting Habitat	Ac	\$450.69
645	Upland Wildlife Habitat Management	Downed Large Wood	No	\$52.35
645	Upland Wildlife Habitat Management	Delayed Mowing on Hay Fields to Meet Life History Requirements	Ac	\$18.79
645	Upland Wildlife Habitat Management	Mast/Apple Tree Release	No	\$2.37
645	Upland Wildlife Habitat Management	Grassland Bird Management	Ac	\$9.98

Code	Practice	Component	Units	Unit Cost
645	Upland Wildlife Habitat Management	Snags	No	\$1.18
647	Early Successional Habitat Development-Mgt	Medium Mechanical	Ac	\$80.97
647	Early Successional Habitat Development-Mgt	Heavy Mechanical low intensity cut (Lg Patch Cut)	Ac	\$100.07
647	Early Successional Habitat Development-Mgt	Mowing	Ac	\$9.46
647	Early Successional Habitat Development-Mgt	Hand Cutting with Chainsaw	Ac	\$101.72
647	Early Successional Habitat Development-Mgt	Light Brush hogging	Ac	\$12.47
649	Structures for Wildlife	Nesting Box, Small no pole	No	\$4.71
649	Structures for Wildlife	Brush Pile - Large	No	\$17.59
649	Structures for Wildlife	3-Chamber Bat House	No	\$24.72
649	Structures for Wildlife	Nesting Box, Small, with wood pole	No	\$7.95
649	Structures for Wildlife	Osprey/Eagle Nesting Platform	No	\$155.01
649	Structures for Wildlife	Nesting Box, Large	No	\$11.46
649	Structures for Wildlife	Brush Pile - Small	No	\$4.40
649	Structures for Wildlife	Nesting Box or Raptor Perch, Large, with Pole	No	\$43.53
654	Road/Trail/Landing Closure and Treatment	Road/Trail Abandonment/Rehabilitation (Light)	Ft	\$0.26
654	Road/Trail/Landing Closure and Treatment	Road/Trail/Landing Closure and Treatment, >35% hillslope	Ft	\$1.00
654	Road/Trail/Landing Closure and Treatment	Road/Trail removal and restoration (Vegetative)	Ft	\$0.31
654	Road/Trail/Landing Closure and Treatment	Road/Trail/Landing Closure and Treatment, <35% hillslope	Ft	\$0.64
655	Forest Trails and Landings	Grading and Shaping with Vegetative Establishment	Ft	\$0.44
655	Forest Trails and Landings	Temporary Stream Crossing	No	\$135.88
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes < 35%	Ft	\$0.39
655	Forest Trails and Landings	Trail and Landing Installation	Ft	\$0.45
660	Tree-Shrub Pruning	Pruning-Wildlife	Ac	\$30.97
660	Tree-Shrub Pruning	Pruning - New England Fire Hazard	Ac	\$57.72
660	Tree-Shrub Pruning	Pruning-Low Height	Ac	\$20.61
660	Tree-Shrub Pruning	Blueberries	Ac	\$4.83
660	Tree-Shrub Pruning	Pruning- High Height	Ac	\$31.49
660	Tree-Shrub Pruning	Sanitation	Ac	\$32.22
666	Forest Stand Improvement	Pre-commercial Thinning -Softwood - Handtools	Ac	\$111.61

Code	Practice	Component	Units	Unit Cost
666	Forest Stand Improvement	Basal Stem Treatment	Ac	\$41.20
666	Forest Stand Improvement	Tree Marking Updated	Ac	\$12.95
666	Forest Stand Improvement	Crop/Mast Tree Release	Ac	\$58.31
666	Forest Stand Improvement	Thinning for Wildlife and Forest Health	Ac	\$68.44
666	Forest Stand Improvement	Competition Control - Mechanical, Light Equipment	Ac	\$69.98
666	Forest Stand Improvement	Pre-commercial Thinning Hardwood- Hand tools	Ac	\$79.73
666	Forest Stand Improvement	Creating Small Patch Clearcuts	Ac	\$88.23
666	Forest Stand Improvement	Weeding Saplings - Mechanical	Ac	\$108.81
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	Ac	\$3,450.17
B000CPL10	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	Ac	\$150.24
B000CPL11	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	Ac	\$52.12
B000CPL12	Non-Irrigated Precision Ag (MRBI)	Non-Irrigated Precision Ag (MRBI)	Ac	\$47.50
B000CPL13	Non-Irrigated Cropland (MRBI)	Non-Irrigated Cropland (MRBI)	Ac	\$38.15
B000CPL14	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	Ac	\$154.15
B000CPL15	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	Ac	\$56.03
B000CPL16	Non-Irrigated Cropland with Water Bodies (MRBI)	Non-Irrigated Cropland with Water Bodies (MRBI)	Ac	\$48.88
B000CPL17	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Ac	\$90.48
B000CPL18	Crop Bundle #18 - Precision Ag	Crop Bundle #18 - Precision Ag	Ac	\$48.52
B000CPL19	Crop Bundle #19 - Soil Health Precision Ag	Crop Bundle #19 - Soil Health Precision Ag	Ac	\$47.59
B000CPL20	Crop Bundle #20 - Soil Health Assessment	Crop Bundle #20 - Soil Health Assessment	Ac	\$43.36
B000CPL21	Crop Bundle #21 - Crop Bundle (Organic)	Crop Bundle #21 - Crop Bundle (Organic)	Ac	\$65.42
B000CPL22	Crop Bundle #22 - Erosion Bundle (Organic)	Crop Bundle #22 - Erosion Bundle (Organic)	Ac	\$47.09
B000CPL24	Crop Bundle #24 - Cropland Soil Health Management System	Crop Bundle #24- Cropland Soil Health Management System	Ac	\$33.98
B000CPL25	Climate Smart Advanced Soil Health	Crop Land Bundle# 25- Climate Smart Advanced Soil Health	Ac	\$156.21
B000FST1	Forest Bundle#1	Forest Bundle#1	Ac	\$109.42
B000FST2	Forest Bundle #2 - Post-fire Management	Forest Bundle #2 - Post-fire Management	Ac	\$1,141.72
B000FST3	Forest Bundle #3	B000FST3 - Forest Bundle #3	Ac	\$570.82
B000FST4	Forest Bundle #4	B000FST4 - Forest Bundle #4	Ac	\$1,328.18
B000GRZ1	Grazing Bundle 1 - Range and Pasture	Grazing Bundle 1 - Range and Pasture	Ac	\$106.26

Code	Practice	Component	Units	Unit Cost
B000GRZ2	Grazing Bundle 2 - Range and Pasture	Grazing Bundle 2 - Range and Pasture	Ac	\$2,808.67
B000GRZ4	Grazing Bundle 4 - Range and Pasture	Grazing Bundle 4 - Range and Pasture	Ac	\$3,637.08
B000GRZ5	Grazing Bundle 5 - Range and Pasture	Grazing Bundle 5 - Range and Pasture	Ac	\$6.96
B000PST5	Pasture Bundle 5	Pasture Bundle #5	Ac	\$76.75
B000PSTX	Pasture Bundle #6 - Pasture	Pasture Bundle #6	Ac	\$105.74
E199A	Comprehensive Conservation Plan	Comprehensive Conservation Plan for Operation with > 2 land uses and 2 or more resource concerns	No	\$3,782.42
E199A	Comprehensive Conservation Plan	Basic Comprehensive Conservation Plan-One Land Use	No	\$2,516.72
E199A	Comprehensive Conservation Plan	Comprehensive Conservation Plan on 2 or more Land Use	No	\$3,360.52
E199A	Comprehensive Conservation Plan	Multiple Enterprise-Medium	No	\$12,496.94
E199A	Comprehensive Conservation Plan	Single Enterprise-High	No	\$11,238.58
E199A	Comprehensive Conservation Plan	Multiple Enterprise-High	No	\$14,422.24
E199A	Comprehensive Conservation Plan	Single Enterprise-Medium	No	\$9,075.58
E199A	Comprehensive Conservation Plan	Single Enterprise-Low	No	\$6,973.42
E300EAP1	Existing Activity Payment-Land Use	CSP EAP NIPF	Ac	\$0.50
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Cropland and Farmstead	Ac	\$7.50
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Pasture	Ac	\$3.00
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Range	Ac	\$1.00
E300EAP1	Existing Activity Payment-Land Use	CSP EAP AAL	Ac	\$0.50
E300EAP2	Existing Activity Payment-Resource Concern	CSP EAP RC met at time of enrollment	No	\$300.00
E314A	Brush management to improve wildlife habitat	Brush management to improve wildlife habitat	Ac	\$18.44
E314A	Brush management to improve wildlife habitat	SU-Brush management to improve wildlife habitat	Ac	\$27.66
E315A	Herbaceous weed treatment to create plant communities consistent with the ecological site	SU-Herbaceous weed treatment to create plant communities consistent with the ecological site	Ac	\$20.04
E315A	Herbaceous weed treatment to create plant communities consistent with the ecological site	Herbaceous weed treatment to create plant communities consistent with the ecological site	Ac	\$13.36
E327A	Conservation cover for pollinators and beneficial insects	Conservation cover for pollinators and beneficial insects	Ac	\$507.63
E327B	Establish Monarch butterfly habitat	Establish Monarch butterfly habitat	Ac	\$807.80
E328A	Resource conserving crop rotation	SU-Resource conserving crop rotation	Ac	\$22.79
E328B	Improved resource conserving crop rotation	SU-Improved resource conserving crop rotation	Ac	\$8.14

Code	Practice	Component	Units	Unit Cost
E328C	Conservation crop rotation on recently converted CRP grass/legume cover	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	Ac	\$3.26
E328D	Leave standing grain crops unharvested to benefit wildlife	Leave standing grain crops unharvested to benefit wildlife	Ac	\$4.92
E328E	Soil health crop rotation	Soil health crop rotation	Ac	\$5.43
E328F	Modifications to improve soil health and increase soil organic matter	Modifications to improve soil health and increase soil organic matter	Ac	\$2.40
E328G	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Ac	\$5.43
E328I	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Ac	\$5.10
E328J	Improved crop rotation to provide benefits to pollinators	Improved crop rotation to provide benefits to pollinators	Ac	\$86.82
E328K	Multiple crop types to benefit wildlife	Multiple crop types to benefit wildlife	Ac	\$5.43
E328L	Leaving tall crop residue for wildlife	Leaving tall crop residue for wildlife	Ac	\$10.85
E328M	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Ac	\$10.85
E328N	Intercropping to Improve Soil Health	Intercropping to improve soil health	Ac	\$5.43
E328P	Low Nitrogen Requirement Annual Crop Rotation	Low Nitrogen Requirement Annual Crop Rotation	Ac	\$27.56
E329A	No till to reduce soil erosion	No till to reduce soil erosion	Ac	\$3.26
E329B	No till to reduce tillage induced particulate matter	No till to reduce tillage induced particulate matter	Ac	\$3.26
E329C	No till to increase plant-available moisture	No till to increase plant-available moisture	Ac	\$3.26
E329D	No till system to increase soil health and soil organic matter content	No till system to increase soil health and soil organic matter content	Ac	\$4.34
E329E	No till to reduce energy	No till to reduce energy	Ac	\$4.34
E340A	Cover crop to reduce soil erosion	Cover crop to reduce soil erosion	Ac	\$9.62
E340B	Intensive cover cropping to increase soil health and soil organic matter content	Intensive cover cropping to increase soil health and soil organic matter content	Ac	\$17.02
E340C	Use of multi-species cover crops to improve soil health and increase soil organic matter	Use of multi-species cover crops to improve soil health and increase soil organic matter	Ac	\$15.22
E340D	Intensive orchard/vineyard floor cover cropping to increase soil health	Intensive orchard/vineyard floor cover cropping to increase soil health	Ac	\$15.22
E340E	Use of soil health assessment to assist with development of cover crop mix to improve soil health	Use of soil health assessment to assist with development of cover crop mix to improve soil health	Ac	\$4.18

Code	Practice	Component	Units	Unit Cost
E340F	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	Ac	\$14.77
E340G	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Ac	\$14.77
E340H	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crop to suppress excessive weed pressures and break pest cycles	Ac	\$15.22
E340I	Using cover crops for biological strip till	Using cover crops for biological strip till	Ac	\$16.59
E345A	Reduced tillage to reduce soil erosion	Reduced tillage to reduce soil erosion	Ac	\$4.34
E345B	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce tillage induced particulate matter	Ac	\$3.26
E345C	Reduced tillage to increase plant-available moisture	Reduced tillage to increase plant-available moisture	Ac	\$3.26
E345D	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage to increase soil health and soil organic matter content	Ac	\$4.34
E345E	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	Ac	\$3.26
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	\$0.18
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	SU-Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	\$0.27
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Ft	\$0.55
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	SU-Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Ft	\$0.83
E384A	Biochar production from woody residue	Biochar production from woody residue	Ac	\$5,010.20
E386A	Enhanced field borders to reduce soil erosion along the edge(s) of a field	Enhanced field borders to reduce soil erosion along the edge(s) of a field	Ac	\$685.46
E386B	Enhanced field borders to increase carbon storage along the edge(s) of the field	Enhanced field borders to increase carbon storage along the edge(s) of the field	Ac	\$773.41
E386C	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Ac	\$704.94
E386D	Enhanced field borders to increase food for pollinators along the edge(s) of a field	Enhanced field borders to increase food for pollinators along the edge(s) of a field	Ac	\$773.41
E386E	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Ac	\$773.41
E391A	Increase riparian forest buffer width for sediment and nutrient reduction	Increase riparian forest buffer width for sediment and nutrient reduction	Ac	\$2,277.32

Code	Practice	Component	Units	Unit Cost
E391B	Increase stream shading for stream temperature reduction	Increase stream shading for stream temperature reduction	Ac	\$2,304.40
E391C	Increase riparian forest buffer width to enhance wildlife habitat	Increase riparian forest buffer width to enhance wildlife habitat	Ac	\$2,304.40
E393A	Extend existing filter strip to reduce water quality impacts	Extend existing filter strip to reduce water quality impacts	Ac	\$990.47
E395A	Stream habitat improvement through placement of woody biomass	Stream habitat improvement through placement of woody biomass	Ac	\$20,577.80
E412A	Enhance a grassed waterway	Waterway, reshape/extend/widen	Ac	\$3,965.24
E420A	Establish pollinator habitat	Establish Pollinator Habitat	Ac	\$497.03
E420B	Establish monarch butterfly habitat	Establish Monarch Habitat	Ac	\$807.80
E449A	Complete pumping plant evaluation for water savings	Complete pumping plant evaluation for water savings	No	\$3,834.81
E449C	Advanced Automated IWM - Year 2-5, soil moisture monitoring	Advanced Automated IWM - Year 2-5, soil moisture monitoring	Ac	\$19.57
E449D	Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring	Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring	Ac	\$56.21
E449F	Intermediate IWM - Year 1, Equipment with Soil or Water Level monitoring	Intermediate IWM - Year 1, Equipment with Soil moisture or Water Level monitoring	Ac	\$44.72
E449G	Intermediate IWM - Years 2-5, Soil or Water Level monitoring	Intermediate IWM - Years 2-5, Soil Moisture or Water Level monitoring	Ac	\$8.57
E449H	Intermediate IWM - Years 2 -5, using soil moisture or water level monitoring	Intermediate IWM - Years 2 - 5, using soil moisture or water level monitoring	Ac	\$41.24
E449I	Sprinkler Irrigation Equipment Retrofit	IWM - Year 1, Retrofit Equipment with Speed Control on Sprinkler Irrigation	No	\$1,879.18
E449J	Intermediate IWM - 20% Reducing Water Usage	Intermediate IWM - 20% Reduced Water Usage	Ac	\$35.16
E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	SU-Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Ft	\$4.53
E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Ft	\$3.02
E484A	Mulching to improve soil health	Mulching to improve soil health	Ac	\$2.17
E484B	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Ac	\$16.27
E484C	Mulching with natural materials in specialty crops for weed control	Mulching with natural materials in specialty crops for weed control	Ac	\$55.34
E511A	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Ac	\$4.24

Code	Practice	Component	Units	Unit Cost
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	SU-Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Ac	\$8.13
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Ac	\$5.42
E511C	Forage testing for improved harvesting methods and hay quality	Hay quality record keeping for livestock producers	No	\$132.02
E511D	Forage Harvest Management to Improve Terrestrial Habitat for Wildlife during Over-Winter Periods	Forage Harvest Management Overwinter	Ac	\$25.46
E512A	Cropland conversion to grass-based agriculture to reduce soil erosion	Cropland conversion to grass-based agriculture to reduce soil erosion	Ac	\$9.92
E512B	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Ac	\$26.21
E512C	Cropland conversion to grass for soil organic matter improvement	Cropland conversion to grass for soil organic matter improvement	Ac	\$13.97
E512D	Forage plantings that help increase organic matter in depleted soils	Forage plantings that help increase organic matter in depleted soils	Ac	\$14.92
E512E	Forage and biomass planting that produces feedstock for biofuels or energy production.	Forage and biomass planting that produces feedstock for biofuels or energy production.	Ac	\$65.62
E512I	Establish pollinator and/or beneficial insect and/or monarch habitat	Establish pollinator and/or beneficial insect and/or monarch habitat	Ac	\$29.21
E512J	Establish wildlife corridors to provide habitat continuity or access to water	Establish wildlife corridors to provide habitat continuity or access to water	Ac	\$18.52
E512L	Diversifying Forage Base with Interseeding Forbs and Legumes to Increase Pasture Quality	Diversifying forage base with interseeding forbs and legumes to increase pasture quality.	Ac	\$89.03
E512M	Forage Plantings that Improve Wildlife Habitat Cover and Shelter or Structure and Composition	Forage plantings that improve wildlife habitat cover and shelter or structure and composition	Ac	\$53.72
E528A	Maintaining quantity and quality of forage for animal health and productivity	Maintaining quantity and quality of forage for animal health and productivity	Ac	\$4.10
E528B	Grazing management that improves monarch butterfly	Grazing management that improves monarch butterfly habitat	Ac	\$11.63
E528C	Incorporating wildlife refuge areas in contingency plans for wildlife.	Incorporating wildlife refuge areas in contingency plans for wildlife.	Ac	\$18.72
E528D	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Ac	\$0.52

Code	Practice	Component	Units	Unit Cost
E528E	Improved grazing management for enhanced plant structure and composition for wildlife	Improved grazing management for enhanced plant structure and composition for wildlife	Ac	\$3.42
E528F	Stockpiling cool season forage to improve structure and composition or plant productivity and health	Stockpiling cool season forage to improve structure and composition or plant productivity and health	Ac	\$36.75
E528G	Improved grazing management on pasture for plant productivity and health with monitoring activities	Improved grazing management on pasture for plant productivity and health with monitoring activities	Ac	\$10.50
E528H	Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	Ac	\$1.79
E528I	Grazing management that protects sensitive areas -surface or ground water from nutrients	Grazing management that protects sensitive areas -surface or ground water from nutrients	Ac	\$1.97
E528J	Prescribed grazing on pastureland that improves riparian and watershed function	Prescribed grazing on pastureland that improves riparian and watershed function	Ac	\$17.71
E528L	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Ac	\$11.61
E528M	Grazing management that protects sensitive areas from gully erosion	Grazing management that protects sensitive areas from gully erosion	Ac	\$1.79
E528O	Clipping mature forages to set back vegetative growth for improved forage quality	Clipping mature forages to set back vegetative growth for improved forage quality	Ac	\$40.48
E528P	Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water	Implementing bale or swath grazing to increase organic matter or reduce nutrients in surface water	Ac	\$164.16
E528Q	Use of body condition scoring for livestock on a monthly basis to keep track of herd health	Use of body condition scoring for livestock on a monthly basis to keep track of herd health	Ac	\$1.78
E528R	Management Intensive Rotational Grazing	Management Intensive Rotational Grazing	Ac	\$42.80
E528S	Soil Health Improvements on Pasture	Soil health improvements on pasture	Ac	\$9.95
E533A	Advanced Pumping Plant Automation	Advanced Pumping Plant Automation	No	\$8,297.38
E533B	Complete pumping plant evaluation for energy savings	Complete pumping plant evaluation for energy savings	No	\$3,834.81
E533C	Install VFDs on pumping plants	Install variable frequency drive on pump	No	\$7,081.41
E533D	Switch fuel source for pumps	Switch fuel source for pumps	No	\$11,091.59
E578A	Stream crossing elimination	Stream crossing elimination	No	\$9,065.40
E580A	Stream corridor bank stability improvement	Stream corridor bank stability improvement	Ac	\$2,192.16
E580B	Stream corridor bank vegetation improvement	Stream corridor bank vegetation improvement	Ac	\$2,192.16

Code	Practice	Component	Units	Unit Cost
E590A	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Ac	\$13.15
E590B	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Ac	\$16.56
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	SU-Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Ac	\$29.24
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Ac	\$19.49
E590D	Reduce nutrient loss by increasing setback awareness via precision technology for water quality	Reduce risks of nutrient losses to surface and groundwater by increasing setback awareness via precision technology	Ac	\$13.67
E595A	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Ac	\$12.71
E595B	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Ac	\$6.90
E595D	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Ac	\$14.53
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Ac	\$6.00
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	SU-Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Ac	\$9.00
E595F	Improving Soil Organism Habitat on Agricultural Land	Improving soil organism habitat on agricultural land	Ac	\$10.85
E595G	Reduced resistance risk by utilizing PAMS techniques	Reduced resistance risk by utilizing PAMS techniques	Ac	\$14.88
E612B	Planting for high carbon sequestration rate	Planting for high carbon storage rate	Ac	\$759.83
E612C	Establishing tree/shrub species to restore native plant communities	Establishing tree/shrub species to restore native plant communities	Ac	\$954.86
E612D	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs to existing plantings	Ac	\$237.09
E612E	Cultural plantings	Cultural plantings	Ac	\$2,164.06
E612F	Sugarbush management	Sugarbush management	Ac	\$862.36
E612G	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	Ac	\$2,313.05
E643A	Restoration of sensitive coastal vegetative communities	Restoration of sensitive coastal vegetative communities	No	\$145.92
E643B	Restoration and management of rare or declining habitat	Restoration and management of rare or declining habitat	Ft	\$10.07

Code	Practice	Component	Units	Unit Cost
E645A	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	No	\$55.74
E645A	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	SU-Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	No	\$83.61
E645B	Manage existing shrub thickets to provide adequate shelter for wildlife	Manage existing shrub thickets to provide adequate shelter for wildlife	Ac	\$322.96
E645C	Edge feathering for wildlife cover	Edge feathering for wildlife cover	Ac	\$859.52
E645D	Wildlife Habitat Management Plan for Upland Landscapes	Wildlife Habitat Management Plan for Upland Landscapes	Ac	\$9.92
E647C	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Ac	\$10.48
E647D	Establish and maintain early successional habitat in ditches and bank borders	Establish and maintain early successional habitat in ditches and bank borders	Ac	\$10.48
E666A	Maintaining and improving forest soil quality	Maintaining and improving forest soil quality	Ac	\$43.62
E666D	Forest management to enhance understory vegetation	Forest management to enhance understory vegetation	Ac	\$281.69
E666E	Reduce height of the forest understory to limit wildfire risk	Reduce height of the forest understory to limit wildfire risk	Ac	\$281.69
E666F	Reduce forest stand density to create open stand structure	Reduce forest stand density to create open stand structure	Ac	\$322.33
E666G	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Ac	\$327.31
E666H	Increase on-site carbon storage	Increase on-site carbon storage	Ac	\$14.11
E666I	Crop tree management for mast production	Crop tree management for mast production	Ac	\$387.00
E666J	Facilitating oak forest regeneration	Facilitating oak forest regeneration	Ac	\$609.10
E666K	Creating structural diversity with patch openings	Creating structural diversity with patch openings	Ac	\$580.49
E666L	Forest Stand Improvement to rehabilitate degraded hardwood stands	Forest Stand Improvement to rehabilitate degraded hardwood stands	Ac	\$562.01
E666O	Snags, den trees, and coarse woody debris for wildlife habitat	Snags, den trees, and coarse woody debris for wildlife habitat	Ac	\$55.08
E666P	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for native forest-dwelling bat species	Ac	\$222.82
E666R	Forest songbird habitat maintenance	Forest songbird habitat maintenance	Ac	\$204.39