

Practice_Cod	Program	Practice_Name	Component	Unit_Type	Unit_Cost
314	CStwP	Brush Management	Hand tools, Woody Vegetation	ac	\$30.03
314	CStwP	Brush Management	Hand Tools and Chemical Treatment	ac	\$46.99
314	CStwP	Brush Management	Mechanical, Light Equipment	ac	\$12.80
314	CStwP	Brush Management	Mechanical, Heavy, > 4 Inches DBH	ac	\$70.77
314	CStwP	Brush Management	Light Mechanical and Chemical	ac	\$52.17
314	CStwP	Brush Management	Chemical, Individual Plant Treatment	ac	\$21.36
314	CStwP	Brush Management	Mechanical, Medium 2 to 4 Inch DBH	ac	\$44.88
314	CStwP	Brush Management	Chemical - Ground Applied	ac	\$15.04
315	CStwP	Herbaceous Weed Control	Mechanical	ac	\$12.80
315	CStwP	Herbaceous Weed Control	Chemical, Ground	ac	\$3.49
315	CStwP	Herbaceous Weed Control	Forest Herbaceous Chemical Ground	ac	\$20.08
324	CStwP	Deep Tillage	Deep Tillage less than 20 inches	ac	\$2.54
324	CStwP	Deep Tillage	Deep Tillage more than 20 inches	ac	\$7.04
327	CStwP	Conservation Cover	Introduced Species	ac	\$17.72
327	CStwP	Conservation Cover	Native Species	ac	\$19.83
327	CStwP	Conservation Cover	Orchard or Vineyard Alleyways	ac	\$12.10
327	CStwP	Conservation Cover	Pollinator Species	ac	\$61.50
328	CStwP	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	\$0.65
328	CStwP	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	ac	\$3.44
329	CStwP	Residue and Tillage Management, No-Till	No-Till/Strip-Till	ac	\$2.23
329	CStwP	Residue and Tillage Management, No-Till	No Till Adaptive Management	Ea	\$321.83
338	CStwP	Prescribed Burning	Understory Burn	ac	\$7.71
338	CStwP	Prescribed Burning	Site Preparation	ac	\$16.98
338	CStwP	Prescribed Burning	Herbaceous Fuel	ac	\$3.57
340	CStwP	Cover Crop	Cover Crop - Basic and organic/non-organic	ac	\$8.62
340	CStwP	Cover Crop	Cover Crop Adaptive Management	Ea	\$257.86
340	CStwP	Cover Crop	Cover Crop Multiple Species Organic and Non-Organic	ac	\$10.06
342	CStwP	Critical Area Planting	Vegetation-normal tillage (Organic and Non-Organic)	ac	\$35.23
342	CStwP	Critical Area Planting	Native and Introduced Vegetation - Moderate Grading	ac	\$76.83
342	CStwP	Critical Area Planting	Native or Introduced Grass/legume mix-heavy grading (C	ac	\$119.23
374	CStwP	FARMSTEAD ENERGY IMPROVEMENT	Variable Speed Drive, no motor	HP	\$24.90
374	CStwP	FARMSTEAD ENERGY IMPROVEMENT	Motor Upgrade > 100 HP	Ea	\$2,485.45
374	CStwP	FARMSTEAD ENERGY IMPROVEMENT	Motor Upgrade 10 - 100 HP	Ea	\$666.30
374	CStwP	FARMSTEAD ENERGY IMPROVEMENT	Motor Upgrade > 1 and < 10 HP	Ea	\$93.54
374	CStwP	FARMSTEAD ENERGY IMPROVEMENT	Motor Upgrade = 1 HP	Ea	\$62.53
380	CStwP	Windbreak/Shelterbelt Establishment	Multi-row Tree/shrub, containerized stock	ft	\$0.36
380	CStwP	Windbreak/Shelterbelt Establishment	Single row of tree and shrub planting with tree tublings	ft	\$0.20
382	CStwP	Fence	Woven Wire	ft	\$0.33
382	CStwP	Fence	Electric 2 strand	ft	\$0.16
382	CStwP	Fence	Electric 3 strand	ft	\$0.20
382	CStwP	Fence	Electric - 4 or more strands	ft	\$0.26
382	CStwP	Fence	Exclusion Fence	ft	\$0.48
382	CStwP	Fence	Chain Link	ft	\$1.52

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382	CStwP	Fence	8 foot netted Wildlife Exclusion Fence, Wooded	ft	\$0.20
382	CStwP	Fence	8 foot Wildlife Exclusion Fence	ft	\$0.42
386	CStwP	Field Border	Field Border, Native Species	ac	\$12.97
386	CStwP	Field Border	Field Border, Introduced Species	ac	\$9.50
386	CStwP	Field Border	Field Border, Pollinator	ac	\$18.71
390	CStwP	Riparian Herbaceous Cover	Native Seeding, Cropland	ac	\$189.72
390	CStwP	Riparian Herbaceous Cover	Native Seeding, Pasture	ac	\$169.27
391	CStwP	Riparian Forest Buffer	Bareroot, machine planted, with tree tubes	ac	\$404.49
391	CStwP	Riparian Forest Buffer	Small container, hand planted	ac	\$333.49
391	CStwP	Riparian Forest Buffer	Large container, hand planted	ac	\$633.77
393	CStwP	Filter Strip	Filter Strip, Native species	ac	\$17.67
393	CStwP	Filter Strip	Filter Strip, Introduced species	ac	\$19.05
394	CStwP	Firebreak	Constructed - Medium equipment, flat-medium slopes	ft	\$0.05
394	CStwP	Firebreak	Constructed - Medium equipment, steep slopes	ft	\$0.16
394	CStwP	Firebreak	Vegetated permanent firebreak	ft	\$0.03
394	CStwP	Firebreak	Constructed - Wide, bladed or disked firebreak	ft	\$0.40
395	CStwP	Stream Habitat Improvement and Management	Fish Barrier	CuYd	\$698.02
395	CStwP	Stream Habitat Improvement and Management	Cribbing Mudsill 10 section	Ea	\$122.11
395	CStwP	Stream Habitat Improvement and Management	Mdstream Structure - 10 Boulders or 3 mid str log struct	Ea	\$92.61
395	CStwP	Stream Habitat Improvement and Management	Deflector, Rock <= 80 ton	Ea	\$404.37
395	CStwP	Stream Habitat Improvement and Management	Deflector, Rock > 80 ton	Ea	\$601.22
395	CStwP	Stream Habitat Improvement and Management	Defector Group of 3 Root Wads	Ea	\$271.03
395	CStwP	Stream Habitat Improvement and Management	Cross Vane Rock or Rock/log	Ea	\$400.25
396	CStwP	Aquatic Organism Passage	Concrete Dam Removal	CuYd	\$16.35
396	CStwP	Aquatic Organism Passage	Earthen Dam Removal	CuYd	\$7.12
396	CStwP	Aquatic Organism Passage	Blockage Removal	CuYd	\$11.26
396	CStwP	Aquatic Organism Passage	Nature-Like Fishway	ac	\$11,186.35
396	CStwP	Aquatic Organism Passage	CMP Culvert	Ea	\$3,341.47
396	CStwP	Aquatic Organism Passage	Bottomless Culvert	Ea	\$4,993.80
396	CStwP	Aquatic Organism Passage	Concrete Box Culvert	Ea	\$5,789.02
396	CStwP	Aquatic Organism Passage	Low Water Crossing	CuYd	\$74.07
410	CStwP	Grade Stabilization Structure	Check Dams	ton	\$6.34
410	CStwP	Grade Stabilization Structure	Pipe Drop, Plastic	sq ft	\$2.68
410	CStwP	Grade Stabilization Structure	Pipe Drop, Steel	sq ft	\$1.55
410	CStwP	Grade Stabilization Structure	Weir Drop Structures	sq ft	\$9.73
410	CStwP	Grade Stabilization Structure	Rock Drop Structures	sq ft	\$7.73
412	CStwP	Grassed Waterway	Waterway, over 0.2 acres	ac	\$510.13
412	CStwP	Grassed Waterway	Waterway, small, 0.2 Acres or less	sq ft	\$0.02
422	CStwP	Hedgerow Planting	Pollinator Habitat	ft	\$0.24
422	CStwP	Hedgerow Planting	Contour Native	ft	\$0.10
422	CStwP	Hedgerow Planting	Contour Introduced	ft	\$0.07
422	CStwP	Hedgerow Planting	Wildlife, Handplanted Trees and Shrubs with Warm Season	ft	\$0.10
422	CStwP	Hedgerow Planting	Wildlife, Handplanted Trees and Shrubs with Cool Season	ft	\$0.07

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430	CStwP	Irrigation Pipeline	PVC (Iron Pipe Size), 4 inches or less	ft	\$0.53
430	CStwP	Irrigation Pipeline	PVC (Iron Pipe Size) 10 inches or greater	ft	\$2.25
430	CStwP	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 6 inches	ft	\$0.97
430	CStwP	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 10 inch	ft	\$2.41
430	CStwP	Irrigation Pipeline	PVC (Iron Pipe Size) 6 inches to 8 inches	LnFt	\$1.46
430	CStwP	Irrigation Pipeline	PVC (Iron Pipe Size) 8 Inches	LnFt	\$1.42
430	CStwP	Irrigation Pipeline	HDPE (Iron Pipe Size and Tubing) 8 Inches	LnFt	\$1.52
430	CStwP	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 4 Inches	LnFt	\$0.61
430	CStwP	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 12 Inches	LnFt	\$3.11
441	CStwP	Irrigation System, Microirrigation	Surface PE Perennial Crops, filtered, no flow meter	ac	\$283.42
441	CStwP	Irrigation System, Microirrigation	Surface PE Perennial Crops	ac	\$238.41
441	CStwP	Irrigation System, Microirrigation	Surface PE Perennial Filtered	ac	\$316.59
441	CStwP	Irrigation System, Microirrigation	Surface Tape Annual Filtered, no Flow Meter	ac	\$142.62
441	CStwP	Irrigation System, Microirrigation	Surface Tape Annual Crops	ac	\$52.59
441	CStwP	Irrigation System, Microirrigation	Surface Tape Annual Filtered	ac	\$156.83
441	CStwP	Irrigation System, Microirrigation	Microjet	ac	\$303.28
441	CStwP	Irrigation System, Microirrigation	Microjet Filtered	ac	\$381.46
441	CStwP	Irrigation System, Microirrigation	Seasonal High Tunnel Micro Irrigation System	sq ft	\$0.01
449	CStwP	Irrigation Water Management	Basic IWM 30 acres or less	ac	\$2.87
449	CStwP	Irrigation Water Management	Basic IWM over 30 acres	ac	\$1.56
449	CStwP	Irrigation Water Management	Annual Crops, Vegetables, 1st Year	ac	\$6.46
449	CStwP	Irrigation Water Management	Annual Crops, Vegetables, 2nd and 3rd Year	ac	\$3.52
449	CStwP	Irrigation Water Management	Perennial Crops, Orchards, 1st Year	ac	\$7.58
449	CStwP	Irrigation Water Management	Perennial Crops, Orchards, 2nd and 3rd Year	ac	\$4.64
449	CStwP	Irrigation Water Management	Field Crops, Grains, 1st Year	ac	\$1.77
449	CStwP	Irrigation Water Management	Field Crops, Grains, 2nd and 3rd Year	ac	\$0.90
484	CStwP	Mulching	Natural Material - Full Coverage	ac	\$56.93
484	CStwP	Mulching	Erosion Control Blanket	sq ft	\$0.02
484	CStwP	Mulching	Tree and Shrub	Ea	\$0.25
490	CStwP	Tree/Shrub Site Preparation	Mechanical, Heavy	ac	\$29.93
490	CStwP	Tree/Shrub Site Preparation	Mechanical, Light	ac	\$9.77
490	CStwP	Tree/Shrub Site Preparation	Chemical, Ground Application	ac	\$21.71
490	CStwP	Tree/Shrub Site Preparation	Chemical, Hand Application	ac	\$12.47
490	CStwP	Tree/Shrub Site Preparation	Hand site preparation	ac	\$22.66
490	CStwP	Tree/Shrub Site Preparation	WindBreak, Site Preparation	ac	\$26.45
490	CStwP	Tree/Shrub Site Preparation	ARRI Spray and Cross Rip	ac	\$74.87
512	CStwP	Forage and Biomass Planting	Native Perennial Grasses (1 species)	ac	\$36.89
512	CStwP	Forage and Biomass Planting	Introduced Cool Season Grass Mix	ac	\$37.17
512	CStwP	Forage and Biomass Planting	Native Perennial Warm Season Grasses Mix	ac	\$51.50
512	CStwP	Forage and Biomass Planting	Untreated Conventional Seed, WSG, 1 species	ac	\$30.40
528	CStwP	Prescribed Grazing	Pasture Standard, Paddock Residency 3 or more days	ac	\$3.04
528	CStwP	Prescribed Grazing	Pasture Intensive - Paddock Residency less than 3 days	ac	\$6.54
528	CStwP	Prescribed Grazing	Targeted Grazing	ac	\$37.98

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533	CStwP	Pumping Plant	Electric Powered Pump 3 Hp or less	Ea	\$176.80
533	CStwP	Pumping Plant	Electric Powered Pump 3 HP or less with Pressure Tank	Ea	\$257.96
533	CStwP	Pumping Plant	Variable Frequency Drive	HP	\$24.36
533	CStwP	Pumping Plant	Windmill Powered Pump	Ea	\$1,059.00
533	CStwP	Pumping Plant	Photovoltaic Powered Pump	Ea	\$718.77
533	CStwP	Pumping Plant	1 hp pump or Siphon or Flout	Ea	\$113.22
533	CStwP	Pumping Plant	Electric Powered Pump 3 Hp or less with pressure tank a	Ea	\$662.47
533	CStwP	Pumping Plant	Booster Pump for Waste Transfer	Ea	\$1,120.72
554	CStwP	Drainage Water Management	Drainage Water Management (DWM)	Ea	\$10.83
558	CStwP	Roof Runoff Structure	Roof Gutter	ft	\$0.92
558	CStwP	Roof Runoff Structure	Roof Gutter with Fascia	ft	\$1.41
558	CStwP	Roof Runoff Structure	Trench Drain	ft	\$1.35
561	CStwP	Heavy Use Area Protection	Gravel pad on geotextile with site prep	sq ft	\$0.22
561	CStwP	Heavy Use Area Protection	Concrete Slab, reinforced with gravel foundation	sq ft	\$0.54
561	CStwP	Heavy Use Area Protection	Concrete Slab with Curbs, Reinforced	sq ft	\$0.97
578	CStwP	Stream Crossing	Ford with Water Management	sq ft	\$1.93
578	CStwP	Stream Crossing	Ramp only with Cattle Slats	sq ft	\$1.04
578	CStwP	Stream Crossing	Ramps and channel with Cattle Slats	sq ft	\$1.52
580	CStwP	Streambank and Shoreline Protection	Bioengineered	sq ft	\$0.14
580	CStwP	Streambank and Shoreline Protection	Structural small, banks less than 4 ft	CuYd	\$13.51
580	CStwP	Streambank and Shoreline Protection	Bioengineered with Toe Protection	sq ft	\$0.41
587	CStwP	Structure for Water Control	Water Bar	Ea	\$82.03
587	CStwP	Structure for Water Control	Sprinkler gun	Ea	\$75.00
587	CStwP	Structure for Water Control	Forestland Waterbar	Ea	\$17.00
590	CStwP	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	\$0.33
590	CStwP	Nutrient Management	Small Farm NM (Non-Organic/Organic)	Ea	\$15.89
590	CStwP	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/O	ac	\$0.57
595	CStwP	Integrated Pest Management (IPM)	Basic IPM Field 1RC	ac	\$1.66
595	CStwP	Integrated Pest Management (IPM)	Basic IPM Field >1RC	ac	\$2.24
595	CStwP	Integrated Pest Management (IPM)	Basic IPM Fruit/Veg 1RC	ac	\$9.30
595	CStwP	Integrated Pest Management (IPM)	Basic IPM Fruit/Veg >1RC	ac	\$11.96
595	CStwP	Integrated Pest Management (IPM)	Basic IPM Orchard 1RC	ac	\$11.96
595	CStwP	Integrated Pest Management (IPM)	Basic IPM Orchard >1RC	ac	\$18.28
595	CStwP	Integrated Pest Management (IPM)	IPM S-Farm 1RC	Ea	\$56.43
595	CStwP	Integrated Pest Management (IPM)	IPM S-Farm >1RC	Ea	\$73.11
606	CStwP	Subsurface Drain	Corrugated Plastic Pipe, Single Wall, Less than or equal t	ft	\$0.52
606	CStwP	Subsurface Drain	Enveloped Corrugated Plastic Pipe, Single Wall, Less than	ft	\$0.62
612	CStwP	Tree/Shrub Establishment	Low Density Hand Plant w Tubes	ac	\$175.45
612	CStwP	Tree/Shrub Establishment	High Density,Mechanical plant with tubes	ac	\$362.61
612	CStwP	Tree/Shrub Establishment	Tree/Shrub Regeneration Area with Protection	ac	\$60.71
612	CStwP	Tree/Shrub Establishment	Tree/shrub Planted Area with Protection	ac	\$96.88
614	CStwP	Watering Facility	Frost Proof Trough (2 Ball)	Ea	\$141.39
614	CStwP	Watering Facility	Gravity Concrete Trough	Ea	\$154.21

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614	CStwP	Watering Facility	Portable Trough	Ea	\$14.29
614	CStwP	Watering Facility	Portable Trough with Hydrant	Ea	\$22.15
614	CStwP	Watering Facility	Storage Tank	Ea	\$148.66
614	CStwP	Watering Facility	Hydrant with prorated trough cost	Ea	\$17.27
643	CStwP	Restoration and Management of Rare and Declining Habitats	Development of Shallow Micro-Topographic Features w	ac	\$4.44
644	CStwP	Wetland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features w	ac	\$4.44
645	CStwP	Upland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features w	ac	\$4.44
646	CStwP	Shallow Water Development and Management	Shallow Water Management	ac	\$2.24
646	CStwP	Shallow Water Development and Management	Shallow Water Management, High Level	ac	\$25.87
647	CStwP	Early Successional Habitat Development/Management	Disking	ac	\$5.05
647	CStwP	Early Successional Habitat Development/Management	Early Successional Wildlife Openings	ac	\$88.82
647	CStwP	Early Successional Habitat Development/Management	Overstory Removal	ac	\$55.86
655	CStwP	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes < 35%	Ea	\$19.97
655	CStwP	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes >35%	Ea	\$18.01
655	CStwP	Forest Trails and Landings	Grading and Shaping with Vegetative Establishment	ft	\$0.36
666	CStwP	Forest Stand Improvement	Thinning Hand Tools	ac	\$21.43
666	CStwP	Forest Stand Improvement	Single Stem Chemical Thinning	ac	\$37.31
666	CStwP	Forest Stand Improvement	Chemical, Ground	ac	\$20.23
666	CStwP	Forest Stand Improvement	Mechanical, Heavy Equipment	ac	\$53.40
B000BFF1	CStwP	Buffer Bundle#1	Buffer Bundle#1	ac	\$1,012.03
B000BFF2	CStwP	Buffer Bundle#2	Buffer Bundle#2	ac	\$1,012.03
B000CPL1	CStwP	Crop Bundle#1 - Precision Ag, No till	Crop Bundle#1 - Precision Ag, No till	ac	\$43.72
B000CPL2	CStwP	Crop Bundle#2 - Precision Ag, Reduced till	Crop Bundle#2 - Precision Ag, RT	ac	\$43.72
B000CPL3	CStwP	Crop Bundle#3 - Soil health rotation, No till	Crop Bundle#3 - Soil health rotation, NT	ac	\$47.66
B000CPL4	CStwP	Crop Bundle#4 - Soil health rotation, Reduced till	Crop Bundle#4 - SH rotation, RT	ac	\$47.66
B000CPL5	CStwP	Crop Bundle#5 - Soil Health Assessment, No till	Crop Bundle#5 - SH Assessment, NT	ac	\$52.82
B000CPL6	CStwP	Crop Bundle#6 - Soil Health Assessment, Reduced till	Crop Bundle#6 - SH Assessment, RT	ac	\$52.82
B000CPL7	CStwP	Crop Bundle#7 - Soil Health -'Organic'	Crop Bundle#7 - Soil Health -'Organic'	ac	\$49.10
B000CPL8	CStwP	Crop Bundle#8 - 'Organic', Water erosion	Crop Bundle#8 - 'Organic', Water erosion	ac	\$37.47
B000FST1	CStwP	Forest Bundle#1	Forest Bundle#1	ac	\$92.89
B000PST2	CStwP	Pasture Bundle#2	Pasture Bundle#2	ac	\$19.47
B000PST3	CStwP	Pasture Bundle#3 -- Soil Health	Pasture Bundle#3 -- Soil Health	ac	\$34.01
B000PST4	CStwP	Pasture Bundle#4 - Monarch butterfly	Pasture Bundle#4 - Monarch butterfly	ac	\$53.52
B000WLW	CStwP	Working Lands for Wildlife Bundle	Working Lands for Wildlife Bundle	ac	\$3.38
E314133Z	CStwP	Brush management for improved structure and composition	Brush mgmt, improved structure and comp	ac	\$16.88
E314134Z	CStwP	Brush management that maintains or enhances wildlife or fish habitat	Brush mgmt, enhance habitat	ac	\$16.88
E315132Z	CStwP	Herbaceous weed control for desired plant communities/habitats consistent with the e	Herbaceous weed control-habitats	ac	\$14.38
E315133Z	CStwP	Herbaceous weed control (inadequate structure and comp) for desired plant communit	Herbaceous weed control-communities	ac	\$14.38
E315134Z	CStwP	Herbaceous weed control (plant pest pressures) for desired plant communities/habitats	Herbaceous weed control-pest pressures	ac	\$14.38
E327136Z1	CStwP	Conservation cover to provide food habitat for pollinators and beneficial insects	Conservation cover-pollinator food	ac	\$321.93
E327136Z2	CStwP	Establish Monarch butterfly habitat	Establish monarch butterfly habitat	ac	\$2,394.58
E327137Z	CStwP	Conservation cover to provide cover and shelter habitat for pollinators and beneficial ir	Conservation cover-pollinator shelter	ac	\$321.93
E327139Z	CStwP	Conservation cover to provide habitat continuity for pollinators and beneficial insects	Conservation cover-habitat continuity	ac	\$321.93

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E328101I	CStwP	Improved resource conserving crop rotation to reduce water erosion	IRCCR water erosion	ac	\$4.97
E328101R	CStwP	Resource conserving crop rotation to reduce water erosion	RCCR water erosion	ac	\$13.91
E328101Z	CStwP	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	CRP trans crop rotation-water erosion	ac	\$2.98
E328106I	CStwP	Improved resource conserving crop rotation for soil organic matter improvement	IRCCR for SOM improvement	ac	\$4.97
E328106R	CStwP	Resource conserving crop rotation for soil organic matter improvement	RCCR for SOM improvement	ac	\$13.91
E328106Z1	CStwP	Soil health crop rotation	Soil health crop rotation	ac	\$4.97
E328106Z2	CStwP	Modifications to improve soil health and increase soil organic matter	Mod to improve SH and SOM	ac	\$9.45
E328106Z3	CStwP	Conservation crop rotation on recently converted CRP grass/legume cover for SOM improvement	CRP trans crop rotation-SOM	ac	\$4.97
E328107I	CStwP	Improved resource conserving crop rotation to improve soil compaction	IRCCR to improve soil compaction	ac	\$4.97
E328107R	CStwP	Resource conserving crop rotation to improve soil compaction	RCCR to improve soil compaction	ac	\$13.91
E328134I	CStwP	Improved resource conserving crop rotation to relieve plant pest pressure	IRCCR to relieve plant pest pressure	ac	\$4.97
E328134R	CStwP	Resource conserving crop rotation to relieve plant pest pressure	RCCR to relieve plant pest pressure	ac	\$13.91
E328136Z	CStwP	Leave standing grain crops unharvested to benefit wildlife food sources	Leave standing grain crops for food	ac	\$4.76
E328137Z	CStwP	Leave standing grain crops unharvested to benefit wildlife cover and shelter	Leave standing grain crops for shelter	ac	\$4.76
E329101Z	CStwP	No till to reduce water erosion	No till to reduce water erosion	ac	\$2.98
E329106Z	CStwP	No till system to increase soil health and soil organic matter content	No till system to increase SH and SOM	ac	\$3.97
E329114Z	CStwP	No till to increase plant-available moisture: irrigation water	No till for IWM	ac	\$2.98
E329115Z	CStwP	No till to increase plant-available moisture: moisture management	No till for moisture mgmt	ac	\$2.98
E329128Z	CStwP	No till to reduce tillage induced particulate matter	No till to reduce PM	ac	\$2.98
E329144Z	CStwP	No till to reduce energy	No till to reduce energy	ac	\$3.97
E338137Z2	CStwP	Short-interval burn	Short-interval burn	ac	\$49.10
E338140Z	CStwP	Short-interval prescribed burning to promote a healthy herbaceous plant community	Short-interval prescribed burning	ac	\$93.05
E340101Z	CStwP	Cover crop to reduce water erosion	Cover crop to reduce water erosion	ac	\$7.99
E340106Z1	CStwP	Intensive cover cropping to increase soil health and soil organic matter content	Cover cropping for SH and SOM	ac	\$12.52
E340106Z2	CStwP	Use of multi-species cover crops to improve soil health and increase soil organic matter	Multi-species cover crops	ac	\$12.38
E340106Z3	CStwP	Intensive cover cropping (orchard/vineyard floor) to increase soil health and SOM content	Cover cropping for orchards/vineyards	ac	\$11.21
E340106Z4	CStwP	Use of SHA to assist with development of cover crop mix to improve soil health and increase SOM	Soil health assessment	ac	\$14.74
E340107Z	CStwP	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	ac	\$10.87
E340118Z	CStwP	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface	Cover crop for WQ nutrients-runoff	ac	\$10.87
E340119Z	CStwP	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground	Cover crops for WQ nutrients-drainage	ac	\$10.87
E340134Z	CStwP	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crops for suppression	ac	\$11.21
E345101Z	CStwP	Reduced tillage to reduce water erosion	Reduced tillage to reduce water erosion	ac	\$3.97
E345106Z	CStwP	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage for SH and SOM	ac	\$3.97
E345114Z	CStwP	Reduced tillage to increase plant-available moisture: irrigation water	Reduced tillage for IWM	ac	\$2.98
E345115Z	CStwP	Reduced tillage to increase plant-available moisture: moisture management	Reduced tillage for moisture mgmt	ac	\$2.98
E345128Z	CStwP	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce PM	ac	\$2.98
E345144Z	CStwP	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	ac	\$3.97
E374144Z1	CStwP	Install variable frequency drive(s) on pump(s)	Variable frequency drives	BHP	\$243.59
E374144Z2	CStwP	Switch fuel source for pump motor(s)	Switch fuel source for pump motor(s)	HP	\$7,716.82
E382136Z	CStwP	Incorporating 'wildlife friendly' fencing for connectivity of wildlife food resources	Wildlife friendly fence for food access	ft	\$0.15
E386101Z	CStwP	Enhanced field borders to reduce water induced erosion along the edge(s) of a field	Field borders to reduce water erosion	ac	\$739.75
E386106Z	CStwP	Enhanced field borders to increase carbon storage along the edge(s) of the field	Field borders to increase carbon storage	ac	\$739.75
E386128Z	CStwP	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Field borders to decrease particulates	ac	\$739.75

Practice_Cod	Program	Practice_Name	Component	Unit_Type	Unit_Cost
E386136Z	CStwP	Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	Field border to provide wildlife food	ac	\$739.75
E386137Z	CStwP	Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	Field border to provide wildlife cover	ac	\$739.75
E386139Z	CStwP	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	Field border to provide continuity	ac	\$739.75
E390118Z	CStwP	Increase riparian herbaceous cover width for nutrient reduction	Riparian herbaceous cover-nut reduction	ac	\$571.18
E390126Z	CStwP	Increase riparian herbaceous cover width to reduce sediment loading	Riparian herbaceous cover-sed loading	ac	\$571.18
E390136Z	CStwP	Increase riparian herbaceous cover width to enhance wildlife habitat	Riparian herbaceous cover-habitat	ac	\$770.65
E391118Z	CStwP	Increase riparian forest buffer width for nutrient reduction	Riparian forest buffer-nut reduction	ac	\$1,778.67
E391126Z	CStwP	Increase riparian forest buffer width to reduce sediment loading	Riparian forest buffer-sed loading	ac	\$1,778.67
E391127Z	CStwP	Increase stream shading for stream temperature reduction	Shade stream to reduce temp	ac	\$1,778.67
E391136Z	CStwP	Increase riparian forest buffer width to enhance wildlife habitat	Riparian forest buffer-habitat	ac	\$1,778.67
E393118Z	CStwP	Extend existing filter strip to reduce excess nutrients in surface water	Extend filter strips- nut runoff	ac	\$938.45
E393122Z	CStwP	Extend existing filter strip to reduce excess pathogens and chemicals in surface water	Extend filter strips-pathogen runoff	ac	\$938.45
E393126Z	CStwP	Extend existing filter strip to reduce excess sediment in surface water	Extend filter strips-sediment	ac	\$938.45
E395137X	CStwP	Stream habitat improvement through placement of woody biomass	Stream habitat improvement with wood	ac	\$21,367.50
E449114Z1	CStwP	Advanced IWM--Soil moisture is monitored, recorded, and used in decision making	Advanced IWM-soil moisture	ac	\$53.75
E449114Z3	CStwP	Complete pumping plant eval for all pumps on a farm to determine the VFD potential	Pumping plant evaluation for VFD	ac	\$5.48
E449144Z	CStwP	Complete pumping plant evaluation for all pumps on a farm.	Pumping plant evaluation	ac	\$5.48
E484106Z	CStwP	Mulching to improve soil health	Mulching to improve soil health	ac	\$1.99
E512101Z2	CStwP	Forage and biomass planting for water erosion to improve soil health	Forage planting for SH	ac	\$14.67
E512106Z1	CStwP	Cropland conversion to grass-based agriculture for soil organic matter improvement	Convert crop to grass for SOM	ac	\$14.09
E512106Z2	CStwP	Forage plantings that can help increase organic matter in depleted soils	Forage planting for SOM	ac	\$14.69
E512126Z	CStwP	Cropland conversion to grass-based agriculture to reduce sediment loading	Convert crop to grass-reduce sed loading	ac	\$12.34
E512132Z1	CStwP	Forage and biomass planting that produces feedstock for biofuels or energy production	Forage planting for feedstocks	ac	\$36.52
E512132Z2	CStwP	Native grasses or legumes in forage base to improve plant productivity and health	Native grasses/legumes-plant health	ac	\$21.74
E512133Z1	CStwP	Native grasses or legumes in forage base to improve plant community structure and composition	Native grasses/legumes-structure/comp	ac	\$55.78
E512133Z2	CStwP	Forage plantings that enhance bird habitat (structure and composition)	Forage planting for structure/comp	ac	\$75.09
E512136Z1	CStwP	Establish pollinator and/or beneficial insect food habitat	Establish pollinator habitat-food	ac	\$58.14
E512136Z2	CStwP	Native grass or legumes in forage base to provide wildlife food	Native grasses/legumes-wildlife food	ac	\$58.14
E512137Z	CStwP	Forage plantings that enhance bird habitat (cover and shelter)	Forage planting for cover and shelter	ac	\$75.09
E512138Z	CStwP	Establish wildlife corridors to enhance access to water	Corridors for water access	ac	\$26.54
E512139Z1	CStwP	Establish wildlife corridors to provide habitat continuity	Corridors for habitat continuity	ac	\$25.55
E512139Z2	CStwP	Establish pollinator and/or beneficial insect habitat continuity (space)	Establish pollinator habitat-space	ac	\$59.13
E512139Z3	CStwP	Establish Monarch butterfly habitat in pastures	Establish Monarch Butterfly Habitat in pastures	ac	\$59.13
E512140Z	CStwP	Native grasses or legumes in forage base	Native grasses or legumes in forage base	ac	\$54.65
E528104Z	CStwP	Grazing management that protects sensitive areas from gully erosion	Grazing mgmt-sensitive areas-erosion	ac	\$1.63
E528105Z	CStwP	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing-erosion	ac	\$9.08
E528118Z1	CStwP	Prescribed grazing that maintains/improves riparian/watershed function impairment from sediment	Prescribed grazing-nut runoff	ac	\$15.00
E528118Z2	CStwP	Grazing management that protects sensitive areas-surface water from nutrients	Grazing mgmt-sensitive areas-nut runoff	ac	\$1.78
E528119Z	CStwP	Grazing management that protects sensitive areas-ground water from nutrients	Grazing mgmt-sensitive area-nut sub water	ac	\$1.78
E528122Z	CStwP	Prescribed grazing that maintains/improves riparian/watershed function-pathogens/chemicals	Prescribed grazing-pathogens	ac	\$15.00
E528126Z	CStwP	Prescribed grazing that maintains/improves riparian/watershed function-min sediment	Prescribed grazing-sediment	ac	\$13.33
E528132Z1	CStwP	Improved grazing mgmt for plant productivity/health through monitoring	Grazing mgmt-plant health	ac	\$9.07
E528132Z2	CStwP	Stockpiling cool season forage to improve plant productivity and health	Stockpile cool season forage-plant prod	ac	\$23.59

Practice_Cod	Program	Practice_Name	Component	Unit_Type	Unit_Cost
E528133Z1	CStwP	Stockpiling cool season forage to improve structure and composition.	Stockpile cool season forage-structure	ac	\$23.59
E528133Z2	CStwP	Grazing management for improving quantity/quality of plant structure/composition for	Grazing mgmt-structure for wildlife	ac	\$2.93
E528136Z1	CStwP	Grazing management for improving quantity and quality of food for wildlife	Grazing mgmt-food	ac	\$0.49
E528136Z2	CStwP	Incorporating wildlife refuge areas in contingency plans for wildlife food	Add wildlife refuge area-food	ac	\$15.83
E528136Z3	CStwP	Grazing management that improves Monarch butterfly habitat	Grazing mgmt-Monarch	ac	\$8.57
E528137Z1	CStwP	Grazing management for improving quantity and quality of cover and shelter for wildlif	Grazing mgmt-shelter	ac	\$0.49
E528137Z2	CStwP	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-cover/sh	Add wildlife refuge area-shelter	ac	\$15.83
E528138Z	CStwP	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-water ac	Add wildlife refuge area-water	ac	\$15.83
E528140Z1	CStwP	Maintaining quantity and quality of forage for animal health and productivity	Maintain forage quantity and quality	ac	\$2.47
E528140Z2	CStwP	Incorporating wildlife refuge areas in contingency plans for livestock feed and forage	Add wildlife refuge area-forage	ac	\$2.67
E554118Z1	CStwP	Installation of end of pipe or ditch treatment for phosphorus	Installation of treatment for P	Ea	\$7,739.56
E554118Z2	CStwP	Installation of a saturated buffer drain outlet	Installation of a vegetated outlet	ac	\$3,651.57
E554118Z3	CStwP	Installation of end of pipe or ditch treatment for nitrogen	Installation of treatment for N	Ea	\$19,265.64
E578139X	CStwP	Stream crossing elimination	Stream crossing elimination	Ea	\$8,175.34
E580105Z	CStwP	Stream corridor bank stability improvement	Stream bank stability improvement	ac	\$1,886.38
E580137Z	CStwP	Stream corridor bank vegetation improvement	Stream corridor bank veg improvement	ac	\$1,886.38
E590118X	CStwP	Reduce risks of nutrient losses to surface water by utilizing precision ag technologies	Precision ag for nut reduction	ac	\$16.38
E590118Z	CStwP	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface wat	Nut mgmt for surface water	ac	\$11.17
E590119Z	CStwP	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	Nut mgmt for groundwater	ac	\$11.17
E590130Z	CStwP	Improving nutrient uptake efficiency and reducing risks to air quality ??? emissions of G	Nut mgmt for GHGs	ac	\$11.17
E595116X	CStwP	Reduce risk of pesticides in surface water by utilizing precision pesticide application tec	Pest mgmt for surface water	ac	\$13.89
E595116Z	CStwP	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	IPM PAMS techniques	ac	\$6.36
E595129Z	CStwP	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniqu	IPM PAMS techniques for ozone reduction	ac	\$6.36
E612101Z	CStwP	Cropland conversion to trees or shrubs for long term water erosion control	Convert crop to trees-water erosion	ac	\$762.33
E612126Z	CStwP	Cropland conversion to trees or shrubs for long term improvement of water quality	Convert crop to trees-WQ	ac	\$762.33
E612130Z	CStwP	Planting for high carbon sequestration rate	Planting for high carbon sequestration	ac	\$916.46
E612132Z	CStwP	Establishing tree/shrub species to restore native plant communities	Tree/shrubs-restore native communities	ac	\$630.97
E612133X1	CStwP	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs	Ea	\$1,379.70
E612133X2	CStwP	Cultural plantings	Cultural plantings	ac	\$1,393.34
E612133X3	CStwP	Sugarbush management	Sugarbush management	Ea	\$33.34
E612136Z	CStwP	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	ac	\$1,489.53
E612137Z	CStwP	Tree/shrub planting for wildlife cover	Tree/shrub planting for wildlife cover	ac	\$1,489.53
E643132X	CStwP	Restoration of sensitive coastal vegetative communities	Restore sensitive coastal veg community	Ea	\$78.14
E643139X	CStwP	Creating native plant refugia	Creating native plant refugia	ft	\$7.80
E645137Z	CStwP	Reduction of attractants to human-subsidized predators in sensitive wildlife species hat	Reduce human-subsidized predators	ac	\$87.93
E646136Z1	CStwP	Close structures to capture/retain rainfall to improve food for waterfowl/wading birds c	Close structures to improve food	ac	\$27.02
E646136Z2	CStwP	Extend retention of rainfall to provide food for late winter habitat	Extend retention - food	ac	\$31.77
E646136Z3	CStwP	Shorebird habitat, late season shallow water with manipulation to improve food source	Late season shallow water - food	ac	\$55.34
E646136Z4	CStwP	Shorebird habitat, extended late season shallow water with manipulation to improve fo	Extended late season shallow water-food	ac	\$61.24
E646137X	CStwP	Renovate small, shallow pothole and playa sites which may seasonally hold water	Shallow water development and management	ac	\$1,779.61
E666106Z2	CStwP	Maintaining and improving forest soil quality	Maintain/improve forest SQ	ac	\$46.38
E666107Z	CStwP	Maintaining and improving forest soil quality by limiting compaction	Maintain/imrove forest compaction	ac	\$46.38
E666115Z2	CStwP	Enhance development of the forest understory to improve site moisture	Forest understory to improve moisture	ac	\$234.47

Practice_Cod	Program	Practice_Name	Component	Unit_Type	Unit_Cost
E666118Z	CStwP	Enhance development of the forest understory to capture nutrients in surface water	Understory-nutrients in surface water	ac	\$234.47
E666119Z	CStwP	Enhance development of the forest understory to capture nutrients -ground water	Understory-nutrients in ground water	ac	\$234.47
E666130Z	CStwP	Increase on-site carbon storage	Increase on-site carbon storage	ac	\$12.22
E666132Z1	CStwP	Crop tree management for mast production	Crop tree management for mast production	ac	\$365.74
E666132Z2	CStwP	Reduce forest stand density to improve a degraded plant community	Forest density-degraded plant community	ac	\$279.80
E666133X	CStwP	Forest Stand Improvement to rehabilitate degraded hardwood stands	FSI-structure/composition in hardwoods	ac	\$552.34
E666133Z1	CStwP	Creating structural diversity with patch openings	Structural diversity with patch openings	ac	\$495.51
E666134Z	CStwP	Enhance development of the forest understory to create conditions resistant to pests	Forest understory-resistant to pests	ac	\$234.47
E666136Z1	CStwP	Reduce forest density and manage understory along roads to improve wildlife food sources	Manage understory-wildlife food sources	ac	\$281.64
E666136Z2	CStwP	Reduce forest stand density to improve wildlife food sources	Stand density-wildlife food sources	ac	\$279.80
E666136Z3	CStwP	Create patch openings to enhance wildlife food sources and availability	Patch openings-food and availability	ac	\$514.68
E666137Z1	CStwP	Snags, den trees, and coarse woody debris for wildlife habitat	Snags and den trees for wildlife	ac	\$52.69
E666137Z2	CStwP	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for bats	ac	\$207.01
E666137Z3	CStwP	Increase diversity in pine plantation monocultures	Improve pine plantation diversity	ac	\$495.51
E666137Z6	CStwP	Create patch openings to enhance wildlife cover and shelter	Patch openings-cover and shelter	ac	\$514.68
E666137Z7	CStwP	Enhance development of the forest understory to provide wildlife cover and shelter	Understory to provide cover/shelter	ac	\$244.00