

CONSERVATION STEWARDSHIP PROGRAM 2017 COST LIST

Practice Code	Practice Name	Component	Unit Type	Unit Cost
ALLEY CROPPING				
311	Alley Cropping	Single Row Alley Cropping	Ea	\$0.11
311	Alley Cropping	3 row alley cropping	Ea	\$0.05
BRUSH MANAGEMENT				
314	Brush Management	Mechanical Treatment for 11-30% Canopy Cover	ac	\$15.23
314	Brush Management	Mechanical Treatment for 31-50% Canopy Cover	ac	\$24.37
314	Brush Management	Mechanical Treatment for >51% Canopy Cover	ac	\$39.29
314	Brush Management	Individual Plant Treatment Low 50-200 Plant per Acre	ac	\$2.72
314	Brush Management	Individual Plant Treatment High 201-400 Plants per Acre	ac	\$6.17
314	Brush Management	Chemical Treatment, Broadcast, Aerial or Ground	ac	\$3.93
314	Brush Management	Chemical Broadcast Tebuthiuron 1.0 lb Rate	ac	\$6.84
314	Brush Management	Chemical Broadcast Tebuthiuron 2.0 lb Rate	ac	\$11.13
314	Brush Management	Individual Stem Injection	ac	\$9.19
HERBACEOUS WEED CONTROL				
315	Herbaceous Weed Control	Chemical application by any method	ac	\$3.72
315	Herbaceous Weed Control	Mechanical	ac	\$2.22
315	Herbaceous Weed Control	Forestry- Broadcast Aerial	ac	\$11.41
315	Herbaceous Weed Control	Forestry - Band Spraying	ac	\$5.96
CONTAINMENT FACILITY				
319	On-Farm Secondary Containment Facility	Earthen Containment	CuYd	\$13.72
319	On-Farm Secondary Containment Facility	Corrugated Metal Wall Containment	sq ft	\$2.53
319	On-Farm Secondary Containment Facility	Concrete Containment Wall	CuYd	\$81.04
319	On-Farm Secondary Containment Facility	Modular Block Containment Wall	sq ft	\$2.66
319	On-Farm Secondary Containment Facility	Double Wall Tank	gal	\$0.12
DEEP TILLAGE				
324	Deep Tillage	Deep Tillage less than 20 inches	ac	\$1.96
324	Deep Tillage	Deep Tillage more than 20 inches	ac	\$5.32
CONSERVATION COVER				
327	Conservation Cover	Introduced with Forgone Income	ac	\$24.08
327	Conservation Cover	Native Species with Forgone Income	ac	\$29.44
327	Conservation Cover	Pollinator Species with Forgone Income	ac	\$59.06
CONSERVATION CROP ROTATION				
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	\$0.63
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	ac	\$3.36

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328	Conservation Crop Rotation	Irrigated to Dryland Rotation Organic and Non-Organic	ac	\$40.31
RESIDUE AND TILLAGE MANAGEMENT, NO-TILL				
329	Residue and Tillage Management, No-Till	No-Till/Strip-Till	ac	\$1.66
PRESCRIBED BURNING				
338	Prescribed Burning	Forestry Burn	ac	\$4.23
338	Prescribed Burning	Level Herbaceous	ac	\$0.88
338	Prescribed Burning	Steep Terrain, Herbaceous Fuel	ac	\$2.42
COVER CROP				
340	Cover Crop	Cover Crop - Basic and organic/non-organic	ac	\$7.85
340	Cover Crop	Cover Crop Multiple Species Organic and Non-Organic	ac	\$9.29
CRITICAL AREA PLANTING				
342	Critical Area Planting	Vegetation-normal tillage (Organic and Non-Organic)	ac	\$28.24
342	Critical Area Planting	Native and Introduced Vegetation - Moderate Grading	ac	\$61.34
342	Critical Area Planting	Native or Introduced Grass/legume mix-heavy grading (Organic and Non-organic)	ac	\$95.25
RESIDUE AND TILLAGE MANAGEMENT, REDUCED TILL				
345	Residue and Tillage Management, Reduced Till	Residue and Tillage Management, Reduced Till	ac	\$1.77
FARMSTEAD ENERGY IMPROVEMENT				
374	FARMSTEAD ENERGY IMPROVEMENT	Ventilation, Exhaust	Ea	\$144.11
374	FARMSTEAD ENERGY IMPROVEMENT	Ventilation, Horizontal Air Flow (HAF)	Ea	\$21.13
374	FARMSTEAD ENERGY IMPROVEMENT	Refrigeration, Plate Cooler	Ea	\$705.57
374	FARMSTEAD ENERGY IMPROVEMENT	Refrigeration, Scroll Compressor	HP	\$86.62
374	FARMSTEAD ENERGY IMPROVEMENT	Controllers, Variable Speed Drive (VSD), Less than 100 HP	HP	\$24.79
374	FARMSTEAD ENERGY IMPROVEMENT	Motors, Larger Than 100 HP	Ea	\$2,474.43
374	FARMSTEAD ENERGY IMPROVEMENT	Motors, Greater Than or Equal to 10 HP and Less Than or Equal to 100 HP	Ea	\$660.79
374	FARMSTEAD ENERGY IMPROVEMENT	Motors, Greater Than 1 HP and Less Than 10 HP	Ea	\$90.78
374	FARMSTEAD ENERGY IMPROVEMENT	Motors, 1 HP or Less	Ea	\$59.78
374	FARMSTEAD ENERGY IMPROVEMENT	Air Heating, Radiant Systems	kBTU/H	\$1.27
374	FARMSTEAD ENERGY IMPROVEMENT	Air Heating, Building	kBTU/H	\$1.28
374	FARMSTEAD ENERGY IMPROVEMENT	Air Heating, Attic Heat Recovery Vents	Ea	\$16.14

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374	FARMSTEAD ENERGY IMPROVEMENT	Drying, Grain Dryer	Bu/Hr	\$10.00
374	FARMSTEAD ENERGY IMPROVEMENT	Controllers, Variable Speed Drive (VSD), 100 HP and Greater	HP	\$13.10
POND				
378	Pond	Excavated or Embankment Pond, No Pipe	CuYd	\$0.24
378	Pond	Embankment, Pipe Material 1000 Diameter Inch Foot or Smaller	CuYd	\$0.31
378	Pond	Embankment, Pipe Material 1001-1500 Diameter Inch Foot	CuYd	\$0.33
378	Pond	Embankment, Pipe Material 1501-2500 Diameter Inch Foot	CuYd	\$0.37
378	Pond	Embankment, Pipe Material 2501-3500 Diameter Inch Foot	CuYd	\$0.40
378	Pond	Embankment, Pipe Material 3501-5000 Diameter Inch Foot	CuYd	\$0.46
378	Pond	Embankment, Pipe Material 5001-7000 Diameter Inch Foot	CuYd	\$0.59
378	Pond	Embankment, Pipe Material 7001 Diameter Inch Foot or Larger	CuYd	\$0.71
WINDBREAK/SHELTERBELT ESTABLISHMENT				
380	Windbreak/Shelterbelt Establishment	1 row windbreak, hardwood trees or shrubs, hand planted	ft	\$0.01
380	Windbreak/Shelterbelt Establishment	1 row windbreak, conifer trees, hand planted	ft	\$0.01
380	Windbreak/Shelterbelt Establishment	2-row windbreak, trees, machine planted	ft	\$0.02
380	Windbreak/Shelterbelt Establishment	2-row windbreak, trees, machine planted - tubes	ft	\$0.10
380	Windbreak/Shelterbelt Establishment	3 or more tree rows machine planted windbreak	ft	\$0.03
380	Windbreak/Shelterbelt Establishment	3 or more row windbreak, trees, machine planted tubes	ft	\$0.12
SILVOPASTURE ESTABLISHMENT				
381	Silvopasture Establishment	Non-Commercial Thinning and Establish Native Grass	ac	\$39.18
381	Silvopasture Establishment	Non-Commercial Thinning and Establish Introduced Grass	ac	\$25.06
381	Silvopasture Establishment	Establish Native Grass	ac	\$29.93
381	Silvopasture Establishment	Establish Introduced Grass	ac	\$16.12
381	Silvopasture Establishment	Establish Trees and Native Grass	ac	\$32.77
381	Silvopasture Establishment	Establish Trees and Introduced Grass	ac	\$19.95
381	Silvopasture Establishment	Establish Pine Trees	Ea	\$0.05
381	Silvopasture Establishment	Establish Hardwood trees	Ea	\$0.11
FENCE				
382	Fence	Level Non-Rocky	ft	\$0.23
382	Fence	Steep-Rocky	ft	\$0.30
382	Fence	Electric	ft	\$0.14
FUEL BREAK				

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383	Fuel Break	Dozer, flat terrain	ac	\$54.48
383	Fuel Break	Dozer, steep slopes	ac	\$71.55
383	Fuel Break	Masticator or brush cutter, flat terrain	ac	\$56.81
383	Fuel Break	Masticator or brush cutter, steep slopes	ac	\$72.80
383	Fuel Break	Hand Cutting	ac	\$29.71
383	Fuel Break	Non-forest areas	ac	\$13.63
WOODY RESIDUE TREATMENT				
384	Woody Residue Treatment	Orchard/Vineyard prunings/removals	ac	\$18.23
384	Woody Residue Treatment	Restoration/conservation treatment following catastrophic events	ac	\$41.80
384	Woody Residue Treatment	Woody residue/silvicultural slash treatment- light	ac	\$17.14
384	Woody Residue Treatment	Chipping woody debris	ac	\$26.04
384	Woody Residue Treatment	Forest Slash Treatment - Med/Heavy	ac	\$33.19
FIELD BORDER				
386	Field Border	Field Border, Native Species, Forgone Income	ac	\$31.03
386	Field Border	Field Border, Introduced Species, Forgone Income	ac	\$27.69
386	Field Border	Field Border, Pollinator, Forgone Income	ac	\$36.77
RIPARIAN HERBACEOUS COVER				
390	Riparian Herbaceous Cover	Grass, cool or warm season	ac	\$21.48
390	Riparian Herbaceous Cover	Pollinator habitat	ac	\$37.95
RIPARIAN FOREST BUFFER				
391	Riparian Forest Buffer	Plant using Direct Seeding, Per Acre	ac	\$17.29
391	Riparian Forest Buffer	Plant using cuttings, Per Acre	ac	\$16.83
391	Riparian Forest Buffer	Planting Bareroot Hardwood Seedlings, Per Plant	Ea	\$0.08
FILTER STRIP				
393	Filter Strip	Filter Strip, Native species, Forgone Income	ac	\$36.84
393	Filter Strip	Filter Strip, Introduced species, Forgone Income	ac	\$35.24
FIREBREAK				
394	Firebreak	Constructed - Slight Slopes with Light Equipment	ft	\$0.01
394	Firebreak	Constructed - Moderate Slopes with Medium Equipment	ft	\$0.02
394	Firebreak	Constructed - Steep Slopes with Medium Equipment	ft	\$0.07
394	Firebreak	Vegetated, permanent firebreak	ft	\$0.01
394	Firebreak	Re-Construct Firebreaks where prior firebreaks existed and they are not useable.	ft	\$0.01
STREAM HABITAT IMPROVEMENT AND MANAGEMENT				
395	Stream Habitat Improvement and Management	Riparian Zone Improvement-Forested	ac	\$855.96
395	Stream Habitat Improvement and Management	Instream wood placement	ac	\$1,959.41

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395	Stream Habitat Improvement and Management	Instream rock placement	ac	\$1,249.65
395	Stream Habitat Improvement and Management	Rock and wood structures	ac	\$3,274.04
395	Stream Habitat Improvement and Management	Fish Barrier	CuYd	\$510.57
GRADE STABILIZATION STRUCTURE				
410	Grade Stabilization Structure	Embankment, CMP or Plastic Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is greater than 4.0 (Including No Pipe)	CuYd	\$0.26
410	Grade Stabilization Structure	Embankment, CMP or Plastic Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 4.0 to 2.1	CuYd	\$0.29
410	Grade Stabilization Structure	Embankment, CMP or Plastic Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 2.0 to 1.4	CuYd	\$0.33
410	Grade Stabilization Structure	Embankment, CMP or Plastic Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 1.3 to 1.1	CuYd	\$0.35
410	Grade Stabilization Structure	Embankment, CMP or Plastic Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 1.0 to 0.71	DialnFt	\$0.36
410	Grade Stabilization Structure	Embankment, CMP or Plastic Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 0.70 to 0.41	DialnFt	\$0.30
410	Grade Stabilization Structure	Embankment, CMP or Plastic Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 0.40 to 0.20	DialnFt	\$0.25
410	Grade Stabilization Structure	Embankment, CMP or Plastic Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is less than 0.20	DialnFt	\$0.23
410	Grade Stabilization Structure	Embankment, Welded Steel or Aluminum Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is greater than 4.0	CuYd	\$0.29
410	Grade Stabilization Structure	Embankment, Welded Steel or Aluminum Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 4.0 to 2.1	CuYd	\$0.32
410	Grade Stabilization Structure	Embankment, Welded Steel or Aluminum Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 2.0 to 1.4	CuYd	\$0.39
410	Grade Stabilization Structure	Embankment, Welded Steel or Aluminum Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 1.3 to 1.1	CuYd	\$0.44
410	Grade Stabilization Structure	Embankment, Welded Steel or Aluminum Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 1.0 to 0.71	DialnFt	\$0.50
410	Grade Stabilization Structure	Embankment, Welded Steel or Aluminum Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 0.70 to 0.41	DialnFt	\$0.46
410	Grade Stabilization Structure	Embankment, Welded Steel or Aluminum Pipe, Ratio of Earthwork (CY) to Pipe (DIFT) is 0.40 or less	DialnFt	\$0.39
410	Grade Stabilization Structure	Drop Structure, Rock	CuYd	\$26.42
410	Grade Stabilization Structure	Chute, Rock	CuYd	\$6.87
410	Grade Stabilization Structure	Chute, Rock with Concrete Cutoff	CuYd	\$8.32

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410	Grade Stabilization Structure	Chute, Concrete	CuYd	\$55.52
410	Grade Stabilization Structure	Chute, Gabion Mattress	CuYd	\$42.44
410	Grade Stabilization Structure	Drop Structure, Metal	sq ft	\$3.48
410	Grade Stabilization Structure	Drop Structure, Concrete	CuYd	\$97.18
GRASED WATERWAY				
412	Grassed Waterway	Base Waterway	ac	\$182.61
412	Grassed Waterway	Base Waterway with Gypsum	ac	\$368.28
IRRIGATION PIPELINE				
430	Irrigation Pipeline	PVC, 6 Inch or Smaller, Less Than 50 PSI	ft	\$0.37
430	Irrigation Pipeline	PVC, 8 Inch, Less Than 50 PSI	ft	\$0.52
430	Irrigation Pipeline	PVC, 10 Inch, Less Than 50 PSI	ft	\$0.71
430	Irrigation Pipeline	PVC, 12 Inch, Less Than 50 PSI	ft	\$1.09
430	Irrigation Pipeline	PVC, 15 Inch or Larger, Less Than 50 PSI	ft	\$1.52
430	Irrigation Pipeline	PVC, 6 Inch or Smaller, 50 PSI or Greater	ft	\$0.48
430	Irrigation Pipeline	PVC, 8 Inch, 50 PSI or Greater	ft	\$0.71
430	Irrigation Pipeline	PVC, 10 Inch, 50 PSI or Greater	ft	\$1.01
430	Irrigation Pipeline	PVC, 12 Inch, 50 PSI or Greater	ft	\$1.53
430	Irrigation Pipeline	PVC, 15 Inch or Larger, 50 PSI or Greater	ft	\$2.22
IRRIGATION SYSTEM, MICROIRRIGATION				
441	Irrigation System, Microirrigation	SDI, 25 Inch - 35 Inch Spacing	ac	\$252.05
441	Irrigation System, Microirrigation	SDI, 36 Inch - 50 Inch Spacing	ac	\$204.43
441	Irrigation System, Microirrigation	SDI, 51 Inch - 70 Inch Spacing	ac	\$156.81
441	Irrigation System, Microirrigation	SDI, 71 Inch - 90 Inch Spacing	ac	\$133.00
441	Irrigation System, Microirrigation	Surface PE with emitters	ac	\$233.75
441	Irrigation System, Microirrigation	Hoop House Surface Microirrigation	sq ft	\$0.02
IRRIGATION WATER MANAGEMENT				
449	Irrigation Water Management	Basic IWM	ac	\$1.20
449	Irrigation Water Management	Soil Moisture Sensors, Medium Intensity, First Year	Ea	\$190.64
449	Irrigation Water Management	Soil Moisture Sensors, High Intensity, First Year	Ea	\$282.52
449	Irrigation Water Management	Labor Only, Medium or High Intensity, Subsequent Years	ac	\$0.54
449	Irrigation Water Management	Irrigation System Monitoring, High Intensity, First Year	Ea	\$108.84
PRECISION LAND FORMING				
462	Precision Land Forming	Site Stabilization	CuYd	\$0.26
462	Precision Land Forming	Gully Shaping	ac	\$85.65
IRRIGATION LAND LEVELING				
464	Irrigation Land Leveling	Level and Shape	CuYd	\$0.20
LAND SMOOTHING				
466	Land Smoothing	Minor Shaping	ac	\$17.33

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466	Land Smoothing	Terrace Removal	ft	\$0.06
ACCESS CONTROL				
472	Access Control	Trails/Roads Access Control	Ea	\$71.22
472	Access Control	Forest/Farm Access Control	ft	\$0.03
472	Access Control	Road, Trail closure	Ea	\$102.11
472	Access Control	Animal exclusion from sensitive areas	ft	\$0.01
472	Access Control	Monitoring, maintenance, additional labor	ac	\$2.27
MULCHING				
484	Mulching	Natural Material, Full Coverage	ac	\$40.04
484	Mulching	Natural Material, Tree and Shrub	ac	\$10.77
484	Mulching	Erosion Control Blanket Herbaceous Planting	sq ft	\$0.02
484	Mulching	Synthetic Material	ac	\$1,101.69
484	Mulching	Weed Barrier, Tree and Shrub Planting	Ea	\$0.23
TREE/SHRUB SITE PREPARATION				
490	Tree/Shrub Site Preparation	Site Prep, Heavy Mechanical, Two or More Mechanical Treatments	ac	\$37.23
490	Tree/Shrub Site Preparation	Site Prep, Mechanical Light	ac	\$4.10
490	Tree/Shrub Site Preparation	Site Prep, Chemical	ac	\$10.97
490	Tree/Shrub Site Preparation	Site Prep, WindBreak Preparation	ac	\$9.36
490	Tree/Shrub Site Preparation	Site Prep, Ripping	ac	\$10.36
490	Tree/Shrub Site Preparation	Site Prep, Single mechanical treatment	ac	\$23.87
490	Tree/Shrub Site Preparation	Site Prep, Ripping and Chemical Application	ac	\$18.70
490	Tree/Shrub Site Preparation	Site Prep, Mechanical and Chemical	ac	\$36.44
FORAGE HARVEST MANAGEMENT				
511	Forage Harvest Management	Organic Preemptive Harvest	ac	\$0.38
511	Forage Harvest Management	Perennial Forage Crops, Delayed Mowing	ac	\$1.02
FORAGE AND BIOMASS PLANTING				
512	Forage and Biomass Planting	Native Perennial Grass (one species)	ac	\$18.64
512	Forage and Biomass Planting	Warm Season Introduced Perennial Warm Season Grasses. Seeding	ac	\$23.23
512	Forage and Biomass Planting	Warm Season Introduced Perennial Warm Season Grasses: Sprigging	ac	\$28.27
512	Forage and Biomass Planting	Warm Season Introduced Perennial Warm Season Grasses. Seeding with Lime	ac	\$31.84
512	Forage and Biomass Planting	Warm Season Introduced Perennial Warm Season Grasses: Sprigging with Lime	ac	\$36.14
512	Forage and Biomass Planting	Cool Season Introduced Perennial Grass. Seeding	ac	\$20.91
512	Forage and Biomass Planting	Cool Season Introduced Perennial Grass. Seeding	ac	\$28.78
512	Forage and Biomass Planting	Warm Season Introduced Perennial Warm Season Grasses. Seeding, No FI	ac	\$12.18
512	Forage and Biomass Planting	Warm Season Introduced Perennial Warm Season Grasses: Sprigging, No FI	ac	\$16.48
512	Forage and Biomass Planting	Warm Season Introduced Perennial Warm Season Grasses. Seeding with Lime, No FI	ac	\$20.05

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512	Forage and Biomass Planting	Warm Season Introduced Perennial Warm Season Grasses: Sprigging with Lime, No Fl	ac	\$24.35
POND SEALING OR LINING, COMPACTED SOIL TREATMENT				
520	Pond Sealing or Lining, Compacted Soil Treatment	Soil Dispersant, Uncovered	CuYd	\$0.67
520	Pond Sealing or Lining, Compacted Soil Treatment	Bentonite Treatment, Uncovered	CuYd	\$3.85
520	Pond Sealing or Lining, Compacted Soil Treatment	Bentonite Treatment, Covered	CuYd	\$4.23
520	Pond Sealing or Lining, Compacted Soil Treatment	Soil Dispersant, Covered	CuYd	\$1.05
520	Pond Sealing or Lining, Compacted Soil Treatment	Onsite Material, no Subgrade Excavation	CuYd	\$0.55
520	Pond Sealing or Lining, Compacted Soil Treatment	Imported Material, no Subgrade Excavation	CuYd	\$0.80
520	Pond Sealing or Lining, Compacted Soil Treatment	Onsite Material, with Subgrade Excavation	CuYd	\$0.86
520	Pond Sealing or Lining, Compacted Soil Treatment	Imported Material, with Subgrade Excavation	CuYd	\$1.12
PRESCRIBED GRAZING				
528	Prescribed Grazing	Standard	ac	\$1.03
528	Prescribed Grazing	Range Deferment	ac	\$0.30
528	Prescribed Grazing	Intensive	ac	\$2.05
PUMPING PLANT				
533	Pumping Plant	Electric Powered Pump, 2 Hp or Less	HP	\$142.20
533	Pumping Plant	Electric Powered Pump, 2 HP or Less, Pressure Tank	HP	\$188.57
533	Pumping Plant	Electric Powered Pump, Greater Than 2 HP and Less Than or Equal to 10 HP	HP	\$65.69
533	Pumping Plant	Electric Powered Pump, Greater Than 10 HP and Less Than or Equal to 40 HP	HP	\$44.81
533	Pumping Plant	Electric Powered Pump, Greater Than 40 HP	HP	\$28.67
533	Pumping Plant	Variable Frequency Drive (VFD), 40 HP or Less	HP	\$37.54
533	Pumping Plant	VFD, Greater Than 40 HP and Less Than 100 HP	HP	\$25.43
533	Pumping Plant	Internal Combustion Powered Pump, 7?? HP or Less	HP	\$68.24
533	Pumping Plant	Internal Combustion Powered Pump, Greater Than 7?? HP and Less Than or Equal to 75 HP	HP	\$67.78
533	Pumping Plant	Internal Combustion Powered Pump, Greater Than 75 HP	HP	\$41.15
533	Pumping Plant	Tractor Power Take Off (PTO) Pump	HP	\$18.82
533	Pumping Plant	Windmill Powered Pump	ft	\$100.86
533	Pumping Plant	Photovoltaic Powered Pumping Plant, 150 ft or Less of Total Head on Pump	Ea	\$463.23
533	Pumping Plant	Photovoltaic Powered Pumping Plant, 151-300 ft of Total Head on Pump	Ea	\$721.33

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533	Pumping Plant	Photovoltaic Powered Pumping Plant, Greater Than 300 ft of Total Head on Pump	Ea	\$1,072.37
533	Pumping Plant	VFD, 100 HP and Greater	HP	\$13.10
RANGE PLANTING				
550	Range Planting	Cropland to Grassland, Standard Prep	ac	\$37.19
550	Range Planting	Cropland to Grassland with Heavy Seedbed Preparation	ac	\$39.48
550	Range Planting	Highly Diverse Mixtures of Native Plants	ac	\$31.50
DRAINAGE WATER MANAGEMENT				
554	Drainage Water Management	Managing Water Discharge	Ea	\$8.48
ROW ARRANGEMENT				
557	Row Arrangement	Establishing Row Direction, Grade, and Length	ac	\$0.70
ROOF RUNOFF STRUCTURE				
558	Roof Runoff Structure	Roof Gutter with downspout, 4 to 6 inch	ft	\$0.55
558	Roof Runoff Structure	Roof Gutter with downspouts, 7 to 9 inch	ft	\$1.51
558	Roof Runoff Structure	Roof Gutter with downspouts, 10 to 12 inch	ft	\$2.26
558	Roof Runoff Structure	Concrete Curb	ft	\$0.98
558	Roof Runoff Structure	Trench Drain	ft	\$1.09
HEAVY USE AREA PROTECTION				
561	Heavy Use Area Protection	Aggregate, Crushed Rock or Gravel on Earthen Base	sq ft	\$0.08
561	Heavy Use Area Protection	Aggregate, Crushed Rock or Gravel on Geotextile	sq ft	\$0.14
561	Heavy Use Area Protection	Aggregate, Crushed Rock or Gravel in GeoCell on Geotextile	sq ft	\$0.42
561	Heavy Use Area Protection	Other Cementous Material, Crushed Gypsum Rock	sq ft	\$0.09
561	Heavy Use Area Protection	Other Cementous Material, Compacted Caliche	sq ft	\$0.05
561	Heavy Use Area Protection	Reinforced Concrete with sand or gravel foundation	sq ft	\$0.32
STREAM CROSSING				
578	Stream Crossing	Ford, Constructed using Rock or Cast in Place Concrete	sq ft	\$0.52
578	Stream Crossing	Culvert Crossing	DialnFt	\$0.30
578	Stream Crossing	Ford, Constructed using Prefabricated Material	sq ft	\$0.80
STREAMBANK AND SHORELINE PROTECTION				
580	Streambank and Shoreline Protection	Shaping	ft	\$1.35
580	Streambank and Shoreline Protection	Bioengineered	ft	\$4.02
580	Streambank and Shoreline Protection	Structural	CuYd	\$8.14
STRUCTURE FOR WATER CONTROL				
587	Structure for Water Control	Fabricated Flashboard Riser, Metal	DialnFt	\$0.31
587	Structure for Water Control	Commercial Inline Flashboard Riser	DialnFt	\$0.41

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587	Structure for Water Control	Culvert, HDPE, Less Than 30 Inches	DialnFt	\$0.21
587	Structure for Water Control	Culvert, CMP, Less Than 30 Inches	DialnFt	\$0.23
587	Structure for Water Control	Slide Gate	ft	\$137.73
587	Structure for Water Control	Flap Gate	ft	\$83.59
587	Structure for Water Control	Flap Gate w/ Concrete Wall	CuYd	\$104.76
587	Structure for Water Control	Rock Checks for Water Surface Profile	ton	\$4.99
587	Structure for Water Control	In-Stream Structure for Water Surface Profile	ft	\$20.02
587	Structure for Water Control	CMP Turnout	Ea	\$65.21
587	Structure for Water Control	Concrete Turnout Structure - Small	Ea	\$92.12
587	Structure for Water Control	Concrete Turnout Structure - Large	Ea	\$290.47
587	Structure for Water Control	Flow Meter	In	\$19.33
587	Structure for Water Control	Flow Meter with Telemetry	In	\$52.06
587	Structure for Water Control	Steel Toe Wall	sq ft	\$4.13
587	Structure for Water Control	Tailwater Pit Inlet	DialnFt	\$0.24
587	Structure for Water Control	Wetland Embankment	CuYd	\$0.39
587	Structure for Water Control	Chemigation Valve(s)	In	\$8.84
587	Structure for Water Control	Pump Box, Concrete, In-Ground	Ea	\$598.49

NUTRIENT MANAGEMENT

590	Nutrient Management	Basic NM with Manure Injection or Incorporation	ac	\$1.90
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	Ea	\$15.37
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	\$0.53
590	Nutrient Management	NM Nitrification/Urease Inhibitors, variable rate, grid/zone soil sampling, soil nitrate/plant tissue test (Non-Organic/Organic)	ac	\$3.07
590	Nutrient Management	NM grid/zone soil sampling, variable rate, soil nitrate/plant tissue test (Non-Organic/Organic)	ac	\$2.17
590	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	\$0.29

INTEGRATED PEST MANAGEMENT

595	Integrated Pest Management (IPM)	Basic IPM One Resource Concern	ac	\$1.59
595	Integrated Pest Management (IPM)	Basic IPM, More than One Resource Concern	ac	\$2.15
595	Integrated Pest Management (IPM)	Advanced All Resource Concern	ac	\$3.19
595	Integrated Pest Management (IPM)	Basic IPM Fruit/Veg, One Resource Concern	ac	\$8.86
595	Integrated Pest Management (IPM)	Basic IPM Fruit/Veg, More than One Resource Concern	ac	\$11.35
595	Integrated Pest Management (IPM)	Advanced IPM Fruit/Veg All Resource Concerns	ac	\$17.29
595	Integrated Pest Management (IPM)	Basic IPM Orchard 1RC	ac	\$11.35
595	Integrated Pest Management (IPM)	Basic IPM Orchard >1RC	ac	\$17.29

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595	Integrated Pest Management (IPM)	Advanced IPM Orchard All RCs	ac	\$26.19
595	Integrated Pest Management (IPM)	IPM Small Farm 1 Resource Concern	Ea	\$54.04
595	Integrated Pest Management (IPM)	IPM Small Farm More Than One Resource Concern	Ea	\$69.15
595	Integrated Pest Management (IPM)	Advanced IPM Small Farm All RCs	Ea	\$103.73
595	Integrated Pest Management (IPM)	Risk Prevention IPM All RCs	ac	\$13.76
SALINITY AND SODIC SOIL MANAGEMENT				
610	Salinity and Sodic Soil Management	Soil Management - Drainage	ac	\$1.88
610	Salinity and Sodic Soil Management	Sodic Soil Treatment	ac	\$18.01
TREE/SHRUB ESTABLISHMENT				
612	Tree/Shrub Establishment	Conifer, Interplanting	Ea	\$0.03
612	Tree/Shrub Establishment	Plant Bareroot Conifer Seedlings	Ea	\$0.02
612	Tree/Shrub Establishment	Plant Containerized Conifer Seedlings	Ea	\$0.05
612	Tree/Shrub Establishment	Planting Bareroot Hardwood Seedlings,	Ea	\$0.08
612	Tree/Shrub Establishment	Direct Seeding for Hardwood Establishment	ac	\$22.61
612	Tree/Shrub Establishment	Shrub Planting, Per Plant	Ea	\$0.09
612	Tree/Shrub Establishment	Planting Mixed Pine and Hardwood Seedlings	Ea	\$0.05
WATERING FACILITY				
614	Watering Facility	Wildlife Watering Facility, Less Than 400 Gallons	Ea	\$91.44
614	Watering Facility	Wildlife Watering Facility, Greater Than or Equal to 400 Gallons	Ea	\$167.67
614	Watering Facility	Freeze Proof Trough or Sheep/Goat Trough	Ea	\$148.20
614	Watering Facility	Energy Free Fountains	gal	\$3.08
614	Watering Facility	Watering Facility, Less than 1000 gallons	gal	\$0.19
614	Watering Facility	Watering Facility, 1001 - 1400 gallons	gal	\$0.13
614	Watering Facility	Watering Facility, 1401 - 2100 gallons	gal	\$0.11
614	Watering Facility	Watering Facility, 2101 - 3000 gallons	gal	\$0.09
614	Watering Facility	Watering Facility, 3001 - 5000 gallons	gal	\$0.08
614	Watering Facility	Watering Facility, Greater than 5,000 gallons	gal	\$0.06
614	Watering Facility	Watering Ramp, Rock on Geotextile	sq ft	\$0.13
614	Watering Facility	Watering Ramp, Rock in Geocell on Geotextile	sq ft	\$0.41
WETLAND WILDLIFE HABITAT MANAGEMENT				
644	Wetland Wildlife Habitat Management	Monitoring, management, Low intensity and complexity	ac	\$0.84
644	Wetland Wildlife Habitat Management	Monitoring, management, high intensity	ac	\$1.68
UPLAND WILDLIFE HABITAT MANAGEMENT				
645	Upland Wildlife Habitat Management	Habitat Management - Grazed	ac	\$0.44

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645	Upland Wildlife Habitat Management	Habitat Management - Non-Grazed	ac	\$0.85
645	Upland Wildlife Habitat Management	Management of Mid-Successional Habitat Conditions	ac	\$3.91
SHALLOW WATER DEVELOPMENT AND MANAGEMENT				
646	Shallow Water Development and Management	Low intensity, natural flooding/ponding	ac	\$1.75
646	Shallow Water Development and Management	High intensity, artificial flooding/ponding (pumped water)	ac	\$11.91
EARLY SUCCESSIONAL HABITAT DEVELOPMENT/MANAGEMENT				
647	Early Successional Habitat Development/Management	Disking	ac	\$8.03
647	Early Successional Habitat Development/Management	Mowing	ac	\$10.36
STRUCTURES FOR WILDLIFE				
649	Structures for Wildlife	Escape Ramp	Ea	\$3.46
649	Structures for Wildlife	Fence Markers, Vinyl Undersill	ft	\$0.01
WINDBREAK/SHELTERBELT RENOVATION				
650	Windbreak/Shelterbelt Renovation	Competition Control	ft	\$0.03
650	Windbreak/Shelterbelt Renovation	Thinning	ft	\$0.07
650	Windbreak/Shelterbelt Renovation	Pruning	ft	\$0.06
650	Windbreak/Shelterbelt Renovation	Tree/Shrub Removal with Chain Saw	ft	\$0.06
650	Windbreak/Shelterbelt Renovation	Removal <8 inches DBH with Skidsteer	ft	\$0.11
650	Windbreak/Shelterbelt Renovation	Removal > 8 inches DBH with Dozer	ft	\$0.17
650	Windbreak/Shelterbelt Renovation	Supplemental Planting-Containerized Seedlings	Ea	\$1.57
650	Windbreak/Shelterbelt Renovation	Supplemental Plantings-Bare Root	Ea	\$0.12
650	Windbreak/Shelterbelt Renovation	Coppicing	ac	\$54.48
ROAD/TRAIL/LANDING CLOSURE AND TREATMENT				
654	Road/Trail/Landing Closure and Treatment	Road/Trail Abandonment/Rehabilitation (Light)	ft	\$0.30
654	Road/Trail/Landing Closure and Treatment	Road/Trail/Landing Closure and Treatment, <35% hillslope	ft	\$0.46
654	Road/Trail/Landing Closure and Treatment	Road/Trail/Landing Closure and Treatment, >35% hillslope	ft	\$0.56
654	Road/Trail/Landing Closure and Treatment	Road/Trail removal and restoration (Vegetative)	ft	\$0.30
FOREST TRAILS AND LANDINGS				
655	Forest Trails and Landings	Trail and Landing Installation	ft	\$0.19

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655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes < 35%	ft	\$0.23
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes >35%	ft	\$1.05
655	Forest Trails and Landings	Temporary Stream Crossing	Ea	\$142.28
TREE/SHRUB PRUNING				
660	Tree/Shrub Pruning	Pruning-Fire Hazard	ac	\$14.18
660	Tree/Shrub Pruning	Pruning-Low Height	ac	\$10.46
660	Tree/Shrub Pruning	Pruning- High Height	ac	\$16.42
660	Tree/Shrub Pruning	Pruning-Wildlife	ac	\$12.55
660	Tree/Shrub Pruning	Pruning-Multistory Cropping Understory	Ea	\$0.40
660	Tree/Shrub Pruning	Pruning-MultiStory Cropping-Overstory	Ea	\$0.49
660	Tree/Shrub Pruning	Pruning -Fruit and Nut trees	ac	\$2.83
660	Tree/Shrub Pruning	Pruning - Christmas Trees	ac	\$3.29
FOREST STAND IMPROVEMENT				
666	Forest Stand Improvement	Pre-commercial Thinning - Hand tools	ac	\$12.91
666	Forest Stand Improvement	Timber Stand Improvement - Single Stem Treatment	ac	\$9.76
666	Forest Stand Improvement	Timber Stand Improvement - Chemical, Ground	ac	\$13.07
666	Forest Stand Improvement	Timber Stand Improvement - Chemical, Aerial	ac	\$12.55
666	Forest Stand Improvement	Competition Control - Mechanical, Light Equipment	ac	\$3.47
666	Forest Stand Improvement	Competition Control - Mechanical, Heavy Equipment	ac	\$30.48
666	Forest Stand Improvement	Creating Patch Clearcuts	ac	\$16.75
666	Forest Stand Improvement	Thinning for Wildlife and Forest Health	ac	\$9.79
666	Forest Stand Improvement	TSI - Mulching	ac	\$27.51
BUFFER BUNDLES				
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	ac	\$769.41
B000BFF2	Buffer Bundle#2	Buffer Bundle#2	ac	\$769.41
CROP BUNDLES				
B000CPL1	Crop Bundle#1 - Precision Ag, No till	Crop Bundle#1 - Precision Ag, No till	ac	\$34.37
B000CPL2	Crop Bundle#2 - Precision Ag, Reduced till	Crop Bundle#2 - Precision Ag, RT	ac	\$34.37
B000CPL3	Crop Bundle#3 - Soil health rotation, No till	Crop Bundle#3 - Soil health rotation, NT	ac	\$40.56
B000CPL4	Crop Bundle#4 - Soil health rotation, Reduced till	Crop Bundle#4 - SH rotation, RT	ac	\$40.56
B000CPL5	Crop Bundle#5 - Soil Health Assessment, No till	Crop Bundle#5 - SH Assessment, NT	ac	\$45.65
B000CPL6	Crop Bundle#6 - Soil Health Assessment, Reduced till	Crop Bundle#6 - SH Assessment, RT	ac	\$45.65
B000CPL7	Crop Bundle#7 - Soil Health - 'Organic'	Crop Bundle#7 - Soil Health - 'Organic'	ac	\$41.02
B000CPL8	Crop Bundle#8 - 'Organic', Water erosion	Crop Bundle#8 - 'Organic', Water erosion	ac	\$37.07

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B000CPL9	Crop Bundle#9 - 'Organic', Wind erosion	Crop Bundle#9 - 'Organic', Wind erosion	ac	\$37.07
FOREST BUNDLES				
B000FST1	Forest Bundle#1	Forest Bundle#1	ac	\$78.59
MRBI BUNDLES				
B000MRB1	MRBI Bundle#1 - Irrigated Cropland	MRBI Bundle#1 - Irrigated Cropland	ac	\$67.40
B000MRB2	MRBI Bundle#2 - Non-Irrigated Cropland #1	MRBI Bundle#2 - Non-Irrigated Crop#1	ac	\$10.34
B000MRB3	MRBI Bundle#3 - Non-Irrigated Cropland #2	MRBI Bundle#3 - Non-Irrigated Crop#2	ac	\$14.71
B000MRB4	MRBI Bundle#4 - Cropland with Water Bodies, No till	MRBI Bundle#4 - Crop w/ Water Bodies, NT	ac	\$32.83
B000MRB5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	MRBI Bundle#5 - Crop w/ Water Bodies, RT	ac	\$29.59
B000MRB6	MRBI Bundle#6 - Pastureland	MRBI Bundle#6 - Pastureland	ac	\$46.98
B000MRB7	MRBI Bundle#7 - Rangeland	MRBI Bundle#7 - Rangeland	ac	\$5.34
OGALLALA BUNDLES				
B000OGL1	Ogallala Bundle#1	Ogallala Bundle#1	ac	\$101.72
B000OGL2	Ogallala Bundle#2	Ogallala Bundle#2	ac	\$127.15
PASTURE BUNDLES				
B000PST1	Pasture Bundle#1 - Organic	Pasture Bundle#1 - Organic	ac	\$96.75
B000PST2	Pasture Bundle#2	Pasture Bundle#2	ac	\$17.99
B000PST3	Pasture Bundle#3 -- Soil Health	Pasture Bundle#3 -- Soil Health	ac	\$29.58
B000PST4	Pasture Bundle#4 - Monarch butterfly	Pasture Bundle#4 - Monarch butterfly	ac	\$52.44
RANGE BUNDLES				
B000RNG1	Range Bundle#1 - Organic	Range Bundle#1 - Organic	ac	\$0.93
B000RNG2	Range Bundle#2	Range Bundle#2	ac	\$3.87
B000RNG3	Range Bundle#3 - Soil Health	Range Bundle#3 - Soil Health	ac	\$2.05
WORKING LANDS FOR WILDLIFE BUNDLE				
B000WLW	Working Lands for Wildlife Bundle	Working Lands for Wildlife Bundle	ac	\$2.20
BRUSH MANAGEMENT				
E314133Z	Brush management for improved structure and composition	Brush mgmt, improved structure and comp	ac	\$13.85
E314134Z	Brush management that maintains or enhances wildlife or fish habitat	Brush mgmt, enhance habitat	ac	\$13.85
CONSEVATION COVER FOR POLLINATORS				
E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	Conservation cover-pollinator food	ac	\$308.15
E327136Z2	Establish Monarch butterfly habitat	Establish monarch butterfly habitat	ac	\$2,337.21

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E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	Conservation cover-pollinator shelter	ac	\$308.15
E327139Z	Conservation cover to provide habitat continuity for pollinators and beneficial insects	Conservation cover-habitat continuity	ac	\$308.15
CROP ROTATION TO REDUCE WATER EROSION				
E328101I	Improved resource conserving crop rotation to reduce water erosion	IRCCR water erosion	ac	\$4.87
E328101R	Resource conserving crop rotation to reduce water erosion	RCCR water erosion	ac	\$13.63
E328101Z	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	CRP trans crop rotation-water erosion	ac	\$2.92
CROP ROTATION TO REDUCE WIND EROSION				
E328102I	Improved resource conserving crop rotation to reduce wind erosion	IRCCR wind erosion	ac	\$4.87
E328102R	Resource conserving crop rotation to reduce wind erosion	RCCR wind erosion	ac	\$13.63
E328102Z	Conservation crop rotation on recently converted CRP grass/legume cover for wind erosion	CRP trans crop rotation-wind erosion	ac	\$2.92
CROP ROTATION FOR SOIL ORGANIC MATTER IMPROVEMENT				
E328106I	Improved resource conserving crop rotation for soil organic matter improvement	IRCCR for SOM improvement	ac	\$4.87
E328106R	Resource conserving crop rotation for soil organic matter improvement	RCCR for SOM improvement	ac	\$13.63
SOIL HEALTH CROP ROTATION				
E328106Z1	Soil health crop rotation	Soil health crop rotation	ac	\$4.87
E328106Z2	Modifications to improve soil health and increase soil organic matter	Mod to improve SH and SOM	ac	\$9.29
E328106Z3	Conservation crop rotation on recently converted CRP grass/legume cover for SOM improvement	CRP trans crop rotation-SOM	ac	\$4.87
CROP ROTATION FOR SOIL COMPACTION				

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E328107I	Improved resource conserving crop rotation to improve soil compaction	IRCCR to improve soil compaction	ac	\$4.87
E328107R	Resource conserving crop rotation to improve soil compaction	RCCR to improve soil compaction	ac	\$13.63
CROP ROTATION TO REDUCE SALT CONCENTRATION				
E328109Z	Conservation crop rotation to reduce the concentration of salts	Rotate to reduce salt concentration	ac	\$3.89
CROP ROTATION TO RELIEVE PLANT PRESSURE				
E328134I	Improved resource conserving crop rotation to relieve plant pest pressure	IRCCR to relieve plant pest pressure	ac	\$4.87
E328134R	Resource conserving crop rotation to relieve plant pest pressure	RCCR to relieve plant pest pressure	ac	\$13.63
LEAVE STANDING GRAIN CROPS UNHARVESTED TO BENEFIT WILDLIFE				
E328136Z	Leave standing grain crops unharvested to benefit wildlife food sources	Leave standing grain crops for food	ac	\$2.57
E328137Z	Leave standing grain crops unharvested to benefit wildlife cover and shelter	Leave standing grain crops for shelter	ac	\$2.57
RESIDUE MANAGEMENT- NO TILL				
E329101Z	No till to reduce water erosion	No till to reduce water erosion	ac	\$2.92
E329102Z	No till system to reduce wind erosion	No till system to reduce wind erosion	ac	\$2.92
E329106Z	No till system to increase soil health and soil organic matter content	No till system to increase SH and SOM	ac	\$3.89
E329114Z	No till to increase plant-available moisture: irrigation water	No till for IWM	ac	\$2.92
E329115Z	No till to increase plant-available moisture: moisture management	No till for moisture mgmt	ac	\$2.92
E329128Z	No till to reduce tillage induced particulate matter	No till to reduce PM	ac	\$2.92
E329144Z	No till to reduce energy	No till to reduce energy	ac	\$3.89
PATCH BURNING				
E338134Z	Strategic patch burning for grazing distribution/wildlife habitat (undesirable plant pressure)	Patch burning-plant pest pressure	ac	\$6.62
E338135Z	Strategically planned, patch burning for grazing distribution and wildlife habitat (fuel loading)	Patch burning-fuel loading	ac	\$6.62

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E338137Z1	Sequential patch burning	Sequential patch burning	ac	\$137.67
SHORT-INTERVAL BURN				
E338137Z2	Short-interval burn	Short-interval burn	ac	\$38.67
E338140Z	Short-interval prescribed burning to promote a healthy herbaceous plant community	Short-interval prescribed burning	ac	\$76.02
COVER CROP				
E340101Z	Cover crop to reduce water erosion	Cover crop to reduce water erosion	ac	\$7.92
E340102Z	Cover crop to reduce wind erosion	Cover crop to reduce wind erosion	ac	\$7.92
E340106Z1	Intensive cover cropping to increase soil health and soil organic matter content	Cover cropping for SH and SOM	ac	\$12.48
E340106Z2	Use of multi-species cover crops to improve soil health and increase soil organic matter	Multi-species cover crops	ac	\$12.24
E340106Z3	Intensive cover cropping (orchard/vineyard floor) to increase soil health and SOM content	Cover cropping for orchards/vineyards	ac	\$11.07
E340106Z4	Use of SHA to assist with development of cover crop mix to improve soil health and increase SOM	Soil health assessment	ac	\$14.65
E340107Z	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	ac	\$10.80
E340118Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water	Cover crop for WQ nutrients-runoff	ac	\$10.80
E340119Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water	Cover crops for WQ nutrients-drainage	ac	\$10.80
E340134Z	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crops for suppression	ac	\$11.07
REDUCED TILLAGE				
E345101Z	Reduced tillage to reduce water erosion	Reduced tillage to reduce water erosion	ac	\$3.89
E345102Z	Reduced tillage to reduce wind erosion	Reduced tillage to reduce wind erosion	ac	\$2.92
E345106Z	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage for SH and SOM	ac	\$3.89

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E345114Z	Reduced tillage to increase plant-available moisture: irrigation water	Reduced tillage for IWM	ac	\$2.92
E345115Z	Reduced tillage to increase plant-available moisture: moisture management	Reduced tillage for moisture mgmt	ac	\$2.92
E345128Z	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce PM	ac	\$2.92
E345144Z	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	ac	\$3.89
PUMPS				
E374144Z1	Install variable frequency drive(s) on pump(s)	Variable frequency drives	BHP	\$243.59
E374144Z2	Switch fuel source for pump motor(s)	Switch fuel source for pump motor(s)	HP	\$7,698.25
SILVOPASTURE FOR WILDLIFE				
E381133Z	Silvopasture for wildlife habitat (structure and composition)	Silvopasture-structure and comp	ac	\$72.73
E381137Z	Silvopasture for wildlife habitat (cover and shelter)	Silvopasture for wildlife habitat-food	ac	\$76.07
WILDLIFE FRIENDLY FENCE				
E382136Z	Incorporating 'wildlife friendly' fencing for connectivity of wildlife food resources	Wildlife friendly fence for food access	ft	\$0.14
GRAZED FUEL BREAK				
E383135Z	Grazing-maintained fuel break to reduce the risk of fire	Grazed fuel break	ac	\$236.91
FIELD BORDER				
E386101Z	Enhanced field borders to reduce water induced erosion along the edge(s) of a field	Field borders to reduce water erosion	ac	\$480.06
E386102Z	Enhanced field borders to reduce wind induced erosion along the windward side(s) of a field	Field borders to reduce wind erosion	ac	\$480.06
E386106Z	Enhanced field borders to increase carbon storage along the edge(s) of the field	Field borders to increase carbon storage	ac	\$480.06
E386128Z	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Field borders to decrease particulates	ac	\$480.06
E386136Z	Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	Field border to provide wildlife food	ac	\$480.06

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E386137Z	Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	Field border to provide wildlife cover	ac	\$480.06
E386139Z	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	Field border to provide continuity	ac	\$480.06
RIPARIAN HERBACEOUS COVER				
E390118Z	Increase riparian herbaceous cover width for nutrient reduction	Riparian herbaceous cover-nut reduction	ac	\$388.73
E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	Riparian herbaceous cover-sed loading	ac	\$388.73
E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat	Riparian herbaceous cover-habitat	ac	\$660.13
RIPARIAN FOREST BUFFER				
E391118Z	Increase riparian forest buffer width for nutrient reduction	Riparian forest buffer-nut reduction	ac	\$1,355.43
E391126Z	Increase riparian forest buffer width to reduce sediment loading	Riparian forest buffer-sed loading	ac	\$1,355.43
E391136Z	Increase riparian forest buffer width to enhance wildlife habitat	Riparian forest buffer-habitat	ac	\$1,355.43
EXTEND FILTER STRIPS				
E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	Extend filter strips- nut runoff	ac	\$674.74
E393122Z	Extend existing filter strip to reduce excess pathogens and chemicals in surface water	Extend filter strips-pathogen runoff	ac	\$674.74
E393126Z	Extend existing filter strip to reduce excess sediment in surface water	Extend filter strips-sediment	ac	\$674.74
ADVANCED IRRIGATION WATER MANAGEMENT				
E449114Z1	Advanced IWM--Soil moisture is monitored, recorded, and used in decision making	Advanced IWM-soil moisture	ac	\$49.82
E449114Z2	Advanced IWM--Weather is monitored, recorded and used in decision making	Advanced IWM-weather	ac	\$63.36
IWM PUMING PLANT				
E449114Z3	Complete pumping plant eval for all pumps on a farm to determine the VFD potential	Pumping plant evaluation for VFD	ac	\$5.44

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E449144Z	Complete pumping plant evaluation for all pumps on a farm.	Pumping plant evaluation	ac	\$5.44
LIVESTOCK ACCESS TO WATERBODIES				
E472118Z	Manage livestock access to streams/ditches/other waterbodies to reduce nutrients in surface water	Livestock access to waterbody-nutrients	ft	\$2.13
E472122Z	Manage livestock access to streams/ditches/other waterbodies to reduce pathogens in surface water	Livestock access to waterbody-pathogens	ft	\$2.13
MULCHING				
E484106Z	Mulching to improve soil health	Mulching to improve soil health	ac	\$1.95
FORAGE HARVEST MANAGEMENT				
E511137Z1	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest using wildlife friendly methods	ac	\$3.29
E511137Z2	Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	FHM for cover and shelter	ac	\$3.04
E511139Z1	Enhanced wildlife habitat on expired grass/legume covered CRP acres	FHM on expired CRP acres	ac	\$145.33
E511139Z2	Forage harvest management that helps maintain wildlife habitat continuity (space)	FHM for habitat space continuity	ac	\$3.29
FORAGE AND BIOMASS PLANTING				
E512101Z1	Cropland conversion to grass-based agriculture to reduce water erosion	Convert crop to grass for water erosion	ac	\$5.01
E512101Z2	Forage and biomass planting for water erosion to improve soil health	Forage planting for SH	ac	\$14.65
E512102Z	Cropland conversion to grass-based agriculture to reduce wind erosion	Convert crop to grass for wind erosion	ac	\$11.18
E512106Z1	Cropland conversion to grass-based agriculture for soil organic matter improvement	Convert crop to grass for SOM	ac	\$13.96
E512106Z2	Forage plantings that can help increase organic matter in depleted soils	Forage planting for SOM	ac	\$13.13
E512126Z	Cropland conversion to grass-based agriculture to reduce sediment loading	Convert crop to grass-reduce sed loading	ac	\$12.33

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E512132Z2	Native grasses or legumes in forage base to improve plant productivity and health	Native grasses/legumes-plant health	ac	\$21.71
E512133Z1	Native grasses or legumes in forage base to improve plant community structure and composition	Native grasses/legumes-structure/comp	ac	\$55.74
E512133Z2	Forage plantings that enhance bird habitat (structure and composition)	Forage planting for structure/comp	ac	\$74.95
E512136Z1	Establish pollinator and/or beneficial insect food habitat	Establish pollinator habitat-food	ac	\$58.12
E512136Z2	Native grass or legumes in forage base to provide wildlife food	Native grasses/legumes-wildlife food	ac	\$58.12
E512137Z	Forage plantings that enhance bird habitat (cover and shelter)	Forage planting for cover and shelter	ac	\$74.95
ESTABLISH WILDLIFE CORRIDORS				
E512138Z	Establish wildlife corridors to enhance access to water	Corridors for water access	ac	\$24.98
E512139Z1	Establish wildlife corridors to provide habitat continuity	Corridors for habitat continuity	ac	\$24.33
ESTABLISH POLLINATOR HABITAT				
E512139Z2	Establish pollinator and/or beneficial insect habitat continuity (space)	Establish pollinator habitat-space	ac	\$59.09
E512139Z3	Establish Monarch butterfly habitat in pastures	Establish Monarch Butterfly Habitat in pastures	ac	\$59.09
E512140Z	Native grasses or legumes in forage base	Native grasses or legumes in forage base	ac	\$54.63
GRAZING MANAGEMENT				
E528101Z	Improved grazing management for water erosion through monitoring activities	Grazing mgmt for water erosion	ac	\$1.78
E528104Z	Grazing management that protects sensitive areas from gully erosion	Grazing mgmt-sensitive areas-erosion	ac	\$1.46
E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing-erosion	ac	\$8.18
E528107Z1	Improved grazing management for soil compaction through monitoring activities	Grazing mgmt to improve compaction	ac	\$6.57
E528107Z2	Improved grazing management for soil compaction on rangeland through monitoring activities	Grazing mgmt-compaction on rangeland	ac	\$1.78

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E528118Z1	Prescribed grazing that maintains/improves riparian/watershed function impairment from nutrients	Prescribed grazing-nut runoff	ac	\$13.55
E528118Z2	Grazing management that protects sensitive areas-surface water from nutrients	Grazing mgmt-sensitive areas-nut runoff	ac	\$1.61
E528119Z	Grazing management that protects sensitive areas-ground water from nutrients	Grazing mgmt-sensitive area-nut sub water	ac	\$1.61
E528122Z	Prescribed grazing that maintains/improves riparian/watershed function-pathogens/chemicals	Prescribed grazing-pathogens	ac	\$13.55
E528126Z	Prescribed grazing that maintains/improves riparian/watershed function-min sediment in surface water	Prescribed grazing-sediment	ac	\$12.50
E528132Z1	Improved grazing mgmt for plant productivity/health through monitoring	Grazing mgmt-plant health	ac	\$7.14
E528132Z2	Stockpiling cool season forage to improve plant productivity and health	Stockpile cool season forage-plant prod	ac	\$21.28
E528132Z3	Improved grazing management for plant productivity/health through monitoring	Gazing mgmt-plant health	ac	\$1.78
E528133Z1	Stockpiling cool season forage to improve structure and composition.	Stockpile cool season forage-structure	ac	\$21.28
E528133Z2	Grazing management for improving quantity/quality of plant structure/composition for wildlife	Grazing mgmt-structure for wildlife	ac	\$1.99
E528133Z3	Improved grazing management for plant structure and composition through monitoring activities	Grazing mgmt-structure	ac	\$1.78
E528134Z	Improved grazing management that reduces undesirable plant pest pressure through monitoring	Grazing mgmt-pest pressure	ac	\$1.78
E528136Z1	Grazing management for improving quantity and quality of food for wildlife	Grazing mgmt-food	ac	\$0.48
E528136Z2	Incorporating wildlife refuge areas in contingency plans for wildlife food	Add wildlife refuge area-food	ac	\$14.07

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E528136Z3	Grazing management that improves Monarch butterfly habitat	Grazing mgmt-Monarch	ac	\$8.38
E528137Z1	Grazing management for improving quantity and quality of cover and shelter for wildlife	Grazing mgmt-shelter	ac	\$0.48
WILDLIFE REFUGE AREA				
E528137Z2	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-cover/shelter	Add wildlife refuge area-shelter	ac	\$14.07
E528138Z	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-water access	Add wildlife refuge area-water	ac	\$14.07
E528140Z1	Maintaining quantity and quality of forage for animal health and productivity	Maintain forage quantity and quality	ac	\$2.08
E528140Z2	Incorporating wildlife refuge areas in contingency plans for livestock feed and forage	Add wildlife refuge area-forage	ac	\$2.17
RANGE PLANTING				
E550106Z	Range planting for increasing/maintaining organic matter	Range planting for SOM	ac	\$40.57
E550136Z	Range planting for improving forage, browse, or cover for wildlife	Range planting for wildlife	ac	\$98.01
STREAM CORRIDOR				
E580105Z	Stream corridor bank stability improvement	Stream bank stability improvement	ac	\$1,762.98
NUTRIENT MANAGEMENT				
E590118X	Reduce risks of nutrient losses to surface water by utilizing precision ag technologies	Precision ag for nut reduction	ac	\$13.34
E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	Nut mgmt for surface water	ac	\$11.13
E590119Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	Nut mgmt for groundwater	ac	\$11.13
E590130Z	Improving nutrient uptake efficiency and reducing risks to air quality ??? emissions of GHGs	Nut mgmt for GHGs	ac	\$11.13
INTEGRATED PEST MANAGEMENT (IPM)				

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E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Pest mgmt for surface water	ac	\$11.06
E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	IPM PAMS techniques	ac	\$5.61
E595129Z	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	IPM PAMS techniques for ozone reduction	ac	\$5.61
TREE/SHRUB ESTABLISHMENT				
E612101Z	Cropland conversion to trees or shrubs for long term water erosion control	Convert crop to trees-water erosion	ac	\$750.72
E612102Z	Cropland conversion to trees or shrubs for long term wind erosion control	Convert crop to trees-wind erosion	ac	\$750.72
E612126Z	Cropland conversion to trees or shrubs for long term improvement of water quality	Convert crop to trees-WQ	ac	\$750.72
E612130Z	Planting for high carbon sequestration rate	Planting for high carbon sequestration	ac	\$531.66
E612132Z	Establishing tree/shrub species to restore native plant communities	Tree/shrubs-restore native communities	ac	\$622.23
E612136Z	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	ac	\$1,164.54
E612137Z	Tree/shrub planting for wildlife cover	Tree/shrub planting for wildlife cover	ac	\$1,164.54
REDUCE HUMAN-SUBSIDIZED PREDATORS				
E645137Z	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	Reduce human-subsidized predators	ac	\$72.55
SHALLOW WATER DEVELOPMENT AND MANAGEMENT				
E646136Z3	Shorebird habitat, late season shallow water with manipulation to improve food sources	Late season shallow water - food	ac	\$44.97
E646137X	Renovate small, shallow pothole and playa sites which may seasonally hold water	Shallow water development and management	ac	\$1,550.46
E647136Z3	Establish and maintenance of moist soil vegetation on cropland edges to increase wildlife food	Moist soil vegetation-food	ac	\$9.59

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E647137Z1	Manipulate vegetation on fields where rainfall is to be captured and retained-cover/shelter	Manipulate veg for cover/shelter	ac	\$19.63
E647137Z2	Establish and maintenance of moist soil vegetation on cropland edges to increase cover/shelter	Moist soil vegetation-cover/shelter	ac	\$9.59
FOREST MANAGEMENT				
E666106Z1	Implementing sustainable practices for pine straw raking	Sustainable pine straw raking	ac	\$24.93
E666106Z2	Maintaining and improving forest soil quality	Maintain/improve forest SQ	ac	\$44.58
E666107Z	Maintaining and improving forest soil quality by limiting compaction	Maintain/improve forest compaction	ac	\$44.58
E666115Z2	Enhance development of the forest understory to improve site moisture	Forest understory to improve moisture	ac	\$218.57
E666118Z	Enhance development of the forest understory to capture nutrients in surface water	Understory-nutrients in surface water	ac	\$218.57
E666119Z	Enhance development of the forest understory to capture nutrients - ground water	Understory-nutrients in ground water	ac	\$218.57
E666130Z	Increase on-site carbon storage	Increase on-site carbon storage	ac	\$12.22
E666132Z1	Crop tree management for mast production	Crop tree management for mast production	ac	\$305.21
E666132Z2	Reduce forest stand density to improve a degraded plant community	Forest density-degraded plant community	ac	\$257.72
E666133X	Forest Stand Improvement to rehabilitate degraded hardwood stands	FSI-structure/composition in hardwoods	ac	\$447.95
E666133Z1	Creating structural diversity with patch openings	Structural diversity with patch openings	ac	\$446.88
E666134Z	Enhance development of the forest understory to create conditions resistant to pests	Forest understory-resistant to pests	ac	\$218.57
E666135Z1	Reduce height of the forest understory to limit wildfire risk	Forest understory-limit wildfire risk	ac	\$218.57
E666135Z2	Reduce forest density and manage understory along roads to limit wildfire risk	Manage understory-limit wildfire risk	ac	\$261.87
E666136Z1	Reduce forest density and manage understory along roads to improve wildlife food sources	Manage understory-wildlife food sources	ac	\$261.87

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E666136Z2	Reduce forest stand density to improve wildlife food sources	Stand density-wildlife food sources	ac	\$257.72
E666136Z3	Create patch openings to enhance wildlife food sources and availability	Patch openings-food and availability	ac	\$466.05
E666137Z1	Snags, den trees, and coarse woody debris for wildlife habitat	Snags and den trees for wildlife	ac	\$40.92
E666137Z2	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for bats	ac	\$173.80
E666137Z3	Increase diversity in pine plantation monocultures	Improve pine plantation diversity	ac	\$446.88
E666137Z6	Create patch openings to enhance wildlife cover and shelter	Patch openings-cover and shelter	ac	\$466.05
E666137Z7	Enhance development of the forest understory to provide wildlife cover and shelter	Understory to provide cover/shelter	ac	\$225.68