

USDA United States Department of Agriculture Natural Resources Conservation Service

Conservation Stewardship Program

Fiscal Year 2023

Code	Practice	Component	Units	Unit Cost
314	Brush Management	Chemical Hand	Ac	\$19.59
315	Herbaceous Weed Treatment	Chemical, Spot	Ac	\$8.15
327	Conservation Cover	Native Species	Ac	\$23.48
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	Ac	\$1.33
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	Ac	\$2.24
333	Amending Soil Properties with Gypsum Products	Gypsum less than 1 ton per acre	Ac	\$15.17
338	Prescribed Burning	Prescribed Burn	Ac	\$3.50
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	Ac	\$8.22
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	\$41.90
345	Residue and Tillage Management, Reduced Till	Residue and Tillage Management, Reduced Till	Ac	\$2.77
381	Silvopasture	Tree Establishment	Ac	\$11.98
382	Fence	Sensitive Area Fencing	Ft	\$0.33
383	Fuel Break	Fuel Break	Ac	\$35.82
384	Woody Residue Treatment	Restoration/conservation treatment following catastrophic events	Ac	\$67.45
386	Field Border	Field Border, Introduced Species	Ac	\$12.62
391	Riparian Forest Buffer	Bare-root, machine planted	Ac	\$48.03
393	Filter Strip	Filter Strip, Introduced species	Ac	\$22.89
394	Firebreak	Constructed - Dozer	Ft	\$0.03
410	Grade Stabilization Structure	Embankment, Pipe <12 inch	CuYd	\$0.68
412	Grassed Waterway	Base Waterway - SE	Ac	\$318.06
420	Wildlife Habitat Planting	Low Species Diversity on Non-Cropland, no Foregone Income	Ac	\$26.59
422	Hedgerow Planting	Wildlife machine plant	Ft	\$0.07
430	Irrigation Pipeline	PVC (Iron Pipe Size)	Lb	\$0.43
441	Irrigation System, Microirrigation	Surface Micro with Screen Filter	Ac	\$97.53
442	Sprinkler System	Center Pivot System	Ft	\$7.78
443	Irrigation System, Surface and Subsurface	Subsurface Irrigation System	Ac	\$400.61
449	Irrigation Water Management	Basic IWM	Ac	\$1.63

Conservation Stewardship Program

Code	Practice	Component	Units	Unit Cost
484	Mulching	Natural Material - Full Coverage	Ac	\$40.96
490	Tree/Shrub Site Preparation	Chemical Application	Ac	\$16.29
511	Forage Harvest Management	Perennial Crops - Delayed Mowing	Ac	\$0.64
512	Pasture and Hay Planting	Remediation - Seed & Seeding-Introduced Perennial Grasses.	Ac	\$15.65
516	Livestock Pipeline	PVC (Iron Pipe Size) - SE	Lb	\$0.67
528	Prescribed Grazing	Standard	Ac	\$1.75
533	Pumping Plant	Electric-Powered Pump >= 1 HP to < =5 HP with Pressure Tank	BHP	\$267.32
561	Heavy Use Area Protection	Rock/Gravel on Geotextile - SE	SqFt	\$0.18
574	Spring Development	Spring Development - SE	No	\$422.20
576	Livestock Shelter Structure	Portable Shade Structure	SqFt	\$0.56
578	Stream Crossing	Rock armored low water crossing	SqFt	\$0.72
580	Streambank and Shoreline Protection	Shaping	Ft	\$2.19
587	Structure for Water Control	Commercial Inline Flashboard Riser - SE	DialnFt	\$0.58
590	Nutrient Management	Basic NM (Non-Organic/Organic)	Ac	\$0.92
595	Pest Management Conservation System	Plant Health PAMS (acs) Low labor only	Ac	\$1.45
612	Tree/Shrub Establishment	Conifer Bare Root.	Ac	\$14.23
614	Watering Facility	Less Than 201 - 400 gallons	No	\$48.47
620	Underground Outlet	Less than or equal to 6in	Ft	\$0.63
644	Wetland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	Ac	\$4.77
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, High Intensity and Complexity	Ac	\$3.29
646	Shallow Water Development and Management	Shallow Water Management	Ac	\$13.05
647	Early Successional Habitat Development-Mgt	Disking	Ac	\$4.14
649	Structures for Wildlife	Nesting Box, Small no pole	No	\$4.47
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation	Ft	\$0.60
660	Tree-Shrub Pruning	Pruning-Low Height	Ac	\$15.79
666	Forest Stand Improvement	Competition Control - Mechanical, Light Equipment	Ac	\$4.09
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	Ac	\$2,427.68
B000CPL10	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	Ac	\$152.28
B000CPL11	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	Ac	\$52.94

Code	Practice	Component	Units	Unit Cost
B000CPL12	Non-Irrigated Precision Ag (MRBI)	Non-Irrigated Precision Ag (MRBI)	Ac	\$48.94
B000CPL13	Non-Irrigated Cropland (MRBI)	Non-Irrigated Cropland (MRBI)	Ac	\$38.38
B000CPL14	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	Ac	\$156.91
B000CPL15	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	Ac	\$57.56
B000CPL16	Non-Irrigated Cropland with Water Bodies (MRBI)	Non-Irrigated Cropland with Water Bodies (MRBI)	Ac	\$47.25
B000CPL17	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Ac	\$80.02
B000CPL18	Crop Bundle #18 - Precision Ag	Crop Bundle #18 - Precision Ag	Ac	\$49.46
B000CPL19	Crop Bundle #19 - Soil Health Precision Ag	Crop Bundle #19 - Soil Health Precision Ag	Ac	\$49.13
B000CPL20	Crop Bundle #20 - Soil Health Assessment	Crop Bundle #20 - Soil Health Assessment	Ac	\$43.85
B000CPL21	Crop Bundle #21 - Crop Bundle (Organic)	Crop Bundle #21 - Crop Bundle (Organic)	Ac	\$56.46
B000CPL22	Crop Bundle #22 - Erosion Bundle (Organic)	Crop Bundle #22 - Erosion Bundle (Organic)	Ac	\$47.42
B000CPL24	Crop Bundle #24 - Cropland Soil Health Management System	Crop Bundle #24- Cropland Soil Health Management System	Ac	\$34.34
B000CPL25	Climate Smart Advanced Soil Health	Crop Land Bundle# 25- Climate Smart Advanced Soil Health	Ac	\$157.03
B000FST1	Forest Bundle#1	Forest Bundle#1	Ac	\$99.77
B000FST3	Forest Bundle #3	B000FST3 - Forest Bundle #3	Ac	\$581.94
B000FST4	Forest Bundle #4	B000FST4 - Forest Bundle #4	Ac	\$1,314.23
B000GRZ1	Grazing Bundle 1 - Range and Pasture	Grazing Bundle 1 - Range and Pasture	Ac	\$98.18
B000GRZ2	Grazing Bundle 2 - Range and Pasture	Grazing Bundle 2 - Range and Pasture	Ac	\$2,587.80
B000GRZ3	Grazing Bundle 3 - Range and Pasture	Grazing Bundle 3 - Range and Pasture	Ac	\$1,721.02
B000GRZ4	Grazing Bundle 4 - Range and Pasture	Grazing Bundle 4 - Range and Pasture	Ac	\$3,190.16
B000GRZ5	Grazing Bundle 5 - Range and Pasture	Grazing Bundle 5 - Range and Pasture	Ac	\$6.67
B000LLP1	Longleaf Pine Bundle#1	Longleaf Pine Bundle#1	Ac	\$115.81
B000LLP2	Longleaf Pine Bundle#2	Longleaf Pine Bundle#2	Ac	\$385.17
B000LLP4	Longleaf Pine Bundle #4	Longleaf Pine Bundle #4	Ac	\$436.73
B000PST5	Pasture Bundle 5	Pasture Bundle #5	Ac	\$71.39
B000RNG4	Range Bundle 4	Range Bundle #4	Ac	\$95.61
E199A	Comprehensive Conservation Plan	Basic Comprehensive Conservation Plan-One Land Use	No	\$2,516.72
E199A	Comprehensive Conservation Plan	Single Enterprise-Medium	No	\$9,075.58
E199A	Comprehensive Conservation Plan	Single Enterprise-High	No	\$11,238.58

Conservation Stewardship Program

Alabama - Fiscal Year 2023

Code	Practice	Component	Units	Unit Cost
E199A	Comprehensive Conservation Plan	Multiple Enterprise-Medium	No	\$12,496.94
E199A	Comprehensive Conservation Plan	Multiple Enterprise-High	No	\$14,422.24
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	Comprehensive Conservation Plan on 2 or more Land Use	No	\$3,360.52
E199A	Comprehensive Conservation Plan	Single Enterprise-Low	No	\$6,973.42
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Pasture	Ac	\$3.00
E300EAP1	Existing Activity Payment-Land Use	CSP EAP NIPF	Ac	\$0.50
E300EAP1	Existing Activity Payment-Land Use	CSP EAP AAL	Ac	\$0.50
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Range	Ac	\$1.00
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Cropland and Farmstead	Ac	\$7.50
E300EAP2	Existing Activity Payment-Resource Concern	CSP EAP RC met at time of enrollment	No	\$300.00
E314A	Brush management to improve wildlife habitat	SU-Brush management to improve wildlife habitat	Ac	\$27.92
E314A	Brush management to improve wildlife habitat	Brush management to improve wildlife habitat	Ac	\$18.61
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	\$13.97
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	\$20.96
E327A	Conservation cover for pollinators and beneficial insects	Conservation cover for pollinators and beneficial insects	Ac	\$506.11
E327B	Establish Monarch butterfly habitat	Establish Monarch butterfly habitat	Ac	\$824.53
E328A	Resource conserving crop rotation	SU-Resource conserving crop rotation	Ac	\$23.27
E328B	Improved resource conserving crop rotation	SU-Improved resource conserving crop rotation	Ac	\$8.31
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	\$3.32
E328D	Leave standing grain crops unharvested to benefit wildlife	Leave standing grain crops unharvested to benefit wildlife	Ac	\$3.91
E328E	Soil health crop rotation	Soil health crop rotation	Ac	\$5.54
E328F	Modifications to improve soil health and increase soil organic matter	Modifications to improve soil health and increase soil organic matter	Ac	\$2.43
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	\$5.54

Code	Practice	Component	Units	Unit Cost
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	\$5.22
E328J	Improved crop rotation to provide benefits to pollinators	Improved crop rotation to provide benefits to pollinators	Ac	\$88.65
E328K	Multiple crop types to benefit wildlife	Multiple crop types to benefit wildlife	Ac	\$5.54
E328L	Leaving tall crop residue for wildlife	Leaving tall crop residue for wildlife	Ac	\$11.08
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	\$11.08
E328N	Intercropping to Improve Soil Health	Intercropping to improve soil health	Ac	\$5.54
E328P	Low Nitrogen Requirement Annual Crop Rotation	Low Nitrogen Requirement Annual Crop Rotation	Ac	\$27.69
E329A	No till to reduce soil erosion	No till to reduce soil erosion	Ac	\$3.32
E329B	No till to reduce tillage induced particulate matter	No till to reduce tillage induced particulate matter	Ac	\$3.32
E329C	No till to increase plant-available moisture	No till to increase plant-available moisture	Ac	\$3.32
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	\$4.43
E329E	No till to reduce energy	No till to reduce energy	Ac	\$4.43
E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat	SU-Strategically planned, patch burning for grazing distribution and wildlife habitat	Ac	\$11.12
E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat	Strategically planned, patch burning for grazing distribution and wildlife habitat	Ac	\$7.41
E338B	Short-interval burns to promote a healthy herbaceous plant community	Short-interval burns to promote a healthy herbaceous plant community	Ac	\$101.90
E338C	Sequential patch burning	Sequential patch burning	Ac	\$172.23
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	\$17.08
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	\$15.21
E340D	Intensive orchard/vineyard floor cover cropping to increase soil health	Intensive orchard/vineyard floor cover cropping to increase soil health	Ac	\$15.21
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	\$4.20
E340F	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	Ac	\$14.76
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Code	Practice	Component	Units	5 Unit Cost
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	\$14.76
E340H	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crop to suppress excessive weed pressures and break pest cycles	Ac	\$15.21
E340I	Using cover crops for biological strip till	Using cover crops for biological strip till	Ac	\$16.57
E345A	Reduced tillage to reduce soil erosion	Reduced tillage to reduce soil erosion	Ac	\$4.43
E345B	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce tillage induced particulate matter	Ac	\$3.32
E345C	Reduced tillage to increase plant-available moisture	Reduced tillage to increase plant-available moisture	Ac	\$3.32
E345D	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage to increase soil health and soil organic matter content	Ac	\$4.43
E345E	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	Ac	\$3.32
E381A	Silvopasture to improve wildlife habitat	Silvopasture to improve wildlife habitat	Ac	\$82.68
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
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	\$0.18
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	\$0.52
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	\$0.78
E383A	Grazing-maintained fuel break to reduce the risk of fire	Grazing-maintained fuel break to reduce the risk of fire	Ac	\$299.79
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	\$617.73
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	\$705.68
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	\$637.21
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	\$705.68
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	\$705.68
E391A	Increase riparian forest buffer width for sediment and nutrient reduction	Increase riparian forest buffer width for sediment and nutrient reduction	Ac	\$1,817.36
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Conservation Stewardship Program

Code	Practice	Component	Units	Unit Cost
E391B	Increase stream shading for stream temperature reduction	Increase stream shading for stream temperature reduction	Ac	\$1,839.54
E391C	Increase riparian forest buffer width to enhance wildlife habitat	Increase riparian forest buffer width to enhance wildlife habitat	Ac	\$1,839.54
E393A	Extend existing filter strip to reduce water quality impacts	Extend existing filter strip to reduce water quality impacts	Ac	\$927.30
E412A	Enhance a grassed waterway	Waterway, reshape/extend/widen	Ac	\$3,665.96
E420A	Establish pollinator habitat	Establish Pollinator Habitat	Ac	\$487.23
E420B	Establish monarch butterfly habitat	Establish Monarch Habitat	Ac	\$824.53
E449A	Complete pumping plant evaluation for water savings	Complete pumping plant evaluation for water savings	No	\$3,908.83
E449C	Advanced Automated IWM - Year 2-5, soil moisture monitoring	Advanced Automated IWM - Year 2-5, soil moisture monitoring	Ac	\$20.11
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	\$56.99
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	\$44.82
E449G	Intermediate IWM - Years 2-5, Soil or Water Level monitoring	Intermediate IWM - Years 2-5, Soil Moisture or Water Level monitoring	Ac	\$8.95
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	\$44.49
E449I	Sprinkler Irrigation Equipment Retrofit	IWM - Year 1, Retrofit Equipment with Speed Control on Sprinkler Irrigation	No	\$1,877.02
E449J	Intermediate IWM - 20% Reducing Water Usage	Intermediate IWM - 20% Reduced Water Usage	Ac	\$35.75
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	\$2.75
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	\$4.13
E484A	Mulching to improve soil health	Mulching to improve soil health	Ac	\$2.22
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	\$15.52
E484C	Mulching with natural materials in specialty crops for weed control	Mulching with natural materials in specialty crops for weed control	Ac	\$55.60
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	\$4.03
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	\$5.45

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	\$8.18
E511C	Forage testing for improved harvesting methods and hay quality	Hay quality record keepoing for livestock producers	No	\$129.88
E511D	Forage Harvest Management to Improve Terrestrial Habitat for Wildlife during Over-Winter Periods	Forage Harvest Management Overwinter	Ac	\$25.77
E512A	Cropland conversion to grass-based agriculture to reduce soil erosion	Cropland conversion to grass-based agriculture to reduce soil erosion	Ac	\$9.98
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	\$26.27
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	\$14.99
E512I	Establish pollinator and/or beneficial insect and/or monarch habitat	Establish pollinator and/or beneficial insect and/or monarch habitat	Ac	\$29.25
E512J	Establish wildlife corridors to provide habitat continuity or access to water	Establish wildlife corridors to provide habitat continuity or access to water	Ac	\$18.59
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	\$89.01
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	\$53.71
E528A	Maintaining quantity and quality of forage for animal health and productivity	Maintaining quantity and quality of forage for animal health and productivity	Ac	\$4.03
E528B	Grazing management that improves monarch butterfly habita	t Grazing management that improves monarch butterfly habitat	Ac	\$10.78
E528C	Incorporating wildlife refuge areas in contingency plans for wildlife.	Incorporating wildlife refuge areas in contingency plans for wildlife.	Ac	\$17.96
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	\$0.55
E528E	Improved grazing management for enhanced plant structure and composition for wildlife	Improved grazing management for enhanced plant structure and composition for wildlife	Ac	\$3.45
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	\$34.90

Code	Practice	Component	Units	Unit Cost
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	\$10.60
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	\$1.86
E528J	Prescribed grazing on pastureland that improves riparian and watershed function	Prescribed grazing on pastureland that improves riparian and watershed function	Ac	\$16.96
E528L	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Ac	\$10.74
E528M	Grazing management that protects sensitive areas from gully erosion	Grazing management that protects sensitive areas from gully erosion	Ac	\$1.69
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	\$1.79
E528R	Management Intensive Rotational Grazing	Management Intensive Rotational Grazing	Ac	\$44.94
E528S	Soil Health Improvements on Pasture	Soil health improvements on pasture	Ac	\$9.98
E533A	Advanced Pumping Plant Automation	Advanced Pumping Plant Automation	No	\$8,290.40
E533B	Complete pumping plant evaluation for energy savings	Complete pumping plant evaluation for energy savings	No	\$3,908.83
E533C	Install VFDs on pumping plants	Install variable frequency drive on pump	No	\$7,087.31
E533D	Switch fuel source for pumps	Switch fuel source for pumps	No	\$11,097.49
E570A	Enhanced rain garden for wildlife	Enhanced rain garden for wildlife	SqFt	\$0.19
E578A	Stream crossing elimination	Stream crossing elimination	No	\$9,076.65
E580A	Stream corridor bank stability improvement	Stream corridor bank stability improvement	Ac	\$2,033.71
E580B	Stream corridor bank vegetation improvement	Stream corridor bank vegetation improvement	Ac	\$2,033.71
E590A	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Ac	\$13.20
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	\$17.22
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	\$30.35
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	\$20.23
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	\$14.12

Code	Practice	Component	Units	Unit Cost
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	\$13.21
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	\$6.94
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	\$14.58
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	\$9.09
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	\$6.06
E595F	Improving Soil Organism Habitat on Agricultural Land	Improving soil organism habitat on agricultural land	Ac	\$11.08
E595G	Reduced resistance risk by utilizing PAMS techniques	Reduced resistance risk by utilizing PAMS techniques	Ac	\$14.73
E612B	Planting for high carbon sequestration rate	Planting for high carbon storage rate	Ac	\$660.09
E612C	Establishing tree/shrub species to restore native plant communities	Establishing tree/shrub species to restore native plant communities	Ac	\$825.41
E612D	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs to existing plantings	Ac	\$163.28
E612E	Cultural plantings	Cultural plantings	Ac	\$1,491.74
E612G	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	Ac	\$1,380.56
E644A	Managing Flood-Irrigated Landscapes for Wildlife	Managing Flood-Irrigated Landscapes for Wildlife	Ac	\$25.56
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	\$50.55
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	\$75.83
E645B	Manage existing shrub thickets to provide adequate shelter for wildlife	Manage existing shrub thickets to provide adequate shelter for wildlife	Ac	\$306.65
E645C	Edge feathering for wildlife cover	Edge feathering for wildlife cover	Ac	\$820.16
E645D	Wildlife Habitat Management Plan for Upland Landscapes	Wildlife Habitat Management Plan for Upland Landscapes	Ac	\$8.78
E646A	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	Ac	\$27.19
E646B	Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat	Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat	Ac	\$32.23

Code	Practice	Component	Units	Unit Cost
E646C	Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	Ac	\$55.92
E646D	Manipulate vegetation and maintain closed structures for shorebird late summer habitat	Manipulate vegetation and maintain closed structures for shorebird late summer habitat	Ac	\$61.61
E647A	Manipulate vegetation on fields with captured rainfall for waterfowl & wading bird winter habitat	Manipulate vegetation on fields with captured rainfall for waterfowl & wading bird winter habitat	Ac	\$25.30
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	\$10.58
E647D	Establish and maintain early successional habitat in ditches and bank borders	Establish and maintain early successional habitat in ditches and bank borders	Ac	\$10.58
E666A	Maintaining and improving forest soil quality	Maintaining and improving forest soil quality	Ac	\$43.68
E666D	Forest management to enhance understory vegetation	Forest management to enhance understory vegetation	Ac	\$281.77
E666E	Reduce height of the forest understory to limit wildfire risk	Reduce height of the forest understory to limit wildfire risk	Ac	\$281.77
E666F	Reduce forest stand density to create open stand structure	Reduce forest stand density to create open stand structure	Ac	\$322.02
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	\$323.89
E666H	Increase on-site carbon storage	Increase on-site carbon storage	Ac	\$14.41
E666I	Crop tree management for mast production	Crop tree management for mast production	Ac	\$385.66
E666J	Facilitating oak forest regeneration	Facilitating oak forest regeneration	Ac	\$603.18
E666K	Creating structural diversity with patch openings	Creating structural diversity with patch openings	Ac	\$540.28
E666L	Forest Stand Improvement to rehabilitate degraded hardwood stands	Forest Stand Improvement to rehabilitate degraded hardwood stands	Ac	\$571.09
E666O	Snags, den trees, and coarse woody debris for wildlife habitat	Snags, den trees, and coarse woody debris for wildlife habitat	Ac	\$56.14
E666P	Summer roosting habitat for native forest-dwelling bat specie	sSummer roosting habitat for native forest-dwelling bat species	Ac	\$222.42
E666S	Facilitating longleaf pine establishment	Facilitating longleaf pine regeneration and establishment	Ac	\$233.93