MO 2019 EQIP-Edge of Field Water Quality Monitoring

Environmental Quality Incentives Program Edge of Field Water Quality Monitoring Policy

April 15, 2019

This Policy is based on the Final Rule for EQIP, Federal Register 7 CFR Part 1466 published May 12, 2016.

The practices detailed in this Policy will be implemented as part of an Edge of Field Water Quality Monitoring program for producers with acres located in any of the approved watersheds. The list of approved watersheds and map is available on the MO NRCS EQIP webpage. http://www.nrcs.usda.gov/wps/portal/nrcs/main/mo/programs/financial/eqip/

NRCS will verify Beginning Farmer, Limited Resource Farmer, and/or Veteran Farmer status prior to contract obligation. There is no verification process for participants who self cerify as Socially Disadvantaged. All practices must meet the minimum criteria in the Conservation Practice Standard (see the Missouri eFOTG) and the criteria listed below.

If the applicant is a tenant, the applicant must have written evidence or assurance of control from the landowner prior to contract obligation. Control may be a written lease, FSA records, other legal agreement, or letter signed by the landowner. Zero payment share landowner signature on the contract document does not demonstrate control of land.

Payment Scenarios - Each conservation practice listed in this policy has one or more payment scenarios available. The scenario nomenclature is determined by NRCS at the regional or national level. Where the scenario name is not descriptive enough to cover all the State Conservationist and State Technical Committee approved uses of the scenario for Missouri, a footnote has been added directly below the scenario name to clarify its use in planning and contract development.

Management Practices - Management practice payments are only available on acres where the practice has not been previously applied (with or without financial assistance), or where the practice will result in a higher level of quality or conservation benefit.

Structural Practices - Structural practices include conservation practices that are either structural or vegetative, and have a multi-year lifespan. Structural practices involve the establishment, construction, or installation of site-specific measures. Payments are established as a one-time payment. In addition to control of land, tenants must obtain and provide to NRCS prior to obligation written concurrence from the landowner to apply a structural or vegetative practice. In lieu of written concurrence, the landowner may be a signatory to the contract with 0% payment shares to indicate their concurrence.

The conservation activities and practices listed in this policy are separated into categories; Conservation Activities, Core Practices and Supporting Practices.

· Conservation Activities are 201 Edge of Field Water Quality Monitoring Data Collection and Evalulation and 202 Edge of Field Water Quality Monitoring System Installation. The implementation of practice activities 201 and 202 are required. The state office will assist with the selection of the appropriate scenarios for contracting under both of these practice activities based on the monitoring plan developed for the site.

· Core Practices are the eligible practices for monitoring. Supporting Practices support the implementation of one or more Core Practices.

Maximum Payments - Maximum payments, where identified in this policy, are implemented at the contract item (CIN) Level in ProTracts by using the Cost Share Cap input box. The contract may have multiple CINs for a practice, however each CIN must be capped utilizing the Cost Share Cap input box at the Maximum Payment level identified in this policy.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
201	Edge of Field Water Quality Monitoring Data Collection and Evaluation						
	Conservation Activity Conservation Activity			Acre			1
	Data Collect Surface Year 1-QAPP			Each	$16,781.11	$20,137.33	
	Data Collect Surface Year 1 - NO QAPP			Each	$11,663.96	$13,996.75	
	Data Collect Surface Year 2+			Each	$11,663.96	$13,996.75	
	Data Collect Surface Last Year			Each	$14,058.91	$16,870.69	
	Data Collect Tile Year 1-QAPP			Each	$32,759.72	$39,311.67	
	Data Collect Tile Year 1 - NO QAPP			Each	$27,642.58	$33,171.09	
	Data Collect Tile Year 2+			Each	$27,642.58	$33,171.09	
	Data Collect Tile Last Year			Each	$30,037.52	$36,045.03	
	Data Collect Surface Year 1-QAPP with two treatment Sites			Each	$22,993.85	$27,592.62	
	Data Collect Surface Year 1 less QAPP (pre-install information) with two treatment sites			Each	$16,515.60	$19,818.72	
	Data Collect Surface Year 2+ with two treatment sites			Each	$16,515.60	$19,818.72	
	Data Collect Surface Last Year with two treatment sites			Each	$20,108.02	$24,129.63	
	Data Collect Tile Year 1 with two treatment sites and QAPP			Each	$45,327.88	$54,393.46	
	Data Collect Tile Year 1 less QAPP (pre-install information) with two treatment sites			Each	$38,849.63	$46,619.56	
	Data Collect Tile Year 2+ with two treatment sites			Each	$38,849.63	$46,619.56	
	Data Collect Tile Last Year with two treatment sites			Each	$42,442.05	$50,930.46	

1 The appropriate combination of 201 scenarios and number of years of monitoring will be detemined by the site specific monitoring plan.

2 Contact Steve Hefner, State Water Quality Specialist for assistance in determining the correct scenarios for contracting.

3 See the "Edge of Field Water Quality Monitoring Data Collection and Evaluation" conservation activity standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
202	**Edge of Field Water Quality Monitoring System Installation**						
	Conservation Activity **Conservation Activity**			**Number**			**10**
	System Installation-Surface			Each	$13,834.48	$16,601.38	
	System Installation-Surface Cold Climate			Each	$14,553.12	$17,463.75	
	System Installation-Tile			Each	$21,199.12	$25,438.95	
	System Installation-Tile Cold Climate			Each	$21,199.12	$25,438.95	
	System Installation-Above and Below			Each	$20,788.28	$24,945.93	
	System Installation-Above and Below cold climate			Each	$24,022.48	$28,826.97	
	System Installation-Retrofit 1			Each	$2,468.82	$2,962.58	
	System Installation-Retrofit 2			Each	$6,483.98	$7,780.78	
	System Installation-Retrofit 3			Each	$9,275.27	$11,130.32	
	System Installation-Retrofit Above and Below 1			Each	$3,640.13	$4,368.16	
	System Installation-Retrofit Above 2			Each	$11,529.24	$13,835.09	
	System Installation-Retrofit Above 3			Each	$16,709.62	$20,051.55	

1 The appropriate installation scenario will be detemined by the site specific monitoring plan.

2 Contact Steve Hefner, State Water Quality Specialist for assistance in determining the correct scenario for contracting.

3 See the "Edge of Field Water Quality Monitoring System Installation" conservation activity standard.

Practice Code	Conservation Practice		Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
327	**Conservation Cover**							
	Structural	Core	$2,500	$2,500	Acre			5
	Introduced with Forgone Income				Acre	$499.13	$518.75	
	Scenario is applicable to introduced grass/legumes and perennial green browse.							
	Native Species with Forgone Income				Acre	$545.42	$574.30	
	Pollinator Species with Forgone Income				Acre	$1,220.86	$1,384.83	
	Scenario is applicable to pollinator habitat and prairie restorations. For prairie restorations, payment is only authorized where the Ecological Site Description indicates a prairie, and is restored as specified within the 643 Restoration and Management of Rare and Declining Habitats conservation practice standard.							
	Monarch Species Mix with Forgone Income				Acre	$1,531.17	$1,757.20	
	Monarch Species Mix - Interseeding				Acre	$365.52	$438.62	

1 Payment is authorized for the establishment and maintenance of permanent vegetative cover on land not utilized for forage production.

2 Payment includes site preparation equivalent to two activities or passes (spraying, disking, mowing, burning, etc). Where additional site preparation activities are needed through 314, 315 or 338 for adequate seedbed prep a waiver can be requested from the State Office.

3 Only one scenario is applicable per acre (i.e., multiple options such as native species and pollinator species cannot be stacked on the same acre).

4 For plantings addressing Inadequate Fish and Wildlife Habitat, refer to the (645) Upland Wildlife Habitat Management conservation practice standard.

5 See the (327) Conservation Cover conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification

328	**Conservation Crop Rotation**							
	Management	Core	$2,500	$2,500	Acre			1
	Basic Rotation Organic and Non-Organic				Acre	$9.18	$11.02	
	Scenario is applicable to adding a small grain to the rotation. Payment made only when the small grain is harvested.							

1 Payment is only authorized for rotations with a minimum of three different crops, or at least 2 years in a perennial crop.

2 See the (328) Conservation Crop Rotation conservation practice standard.

340	**Cover Crop**							
	Management	Core	$2,500	$2,500	Acre			1
	Cover Crop - Basic (Organic and Non-organic)				Acre	$51.58	$61.90	

1 Payment is not authorized for crops harvested for grain or seed.

2 See the (340) Cover Crop conservation practice standard.

Practice Code	Conservation Practice		Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
362	**Diversion**							
	Structural	Core	$2,500	$2,500	Feet			10
	Small, <2 CY/FT				Foot	$2.83	$3.39	
	Medium, 2 - 2.9 CY/FT				Foot	$6.07	$7.29	
	Large, >=3 CY/FT				Foot	$8.24	$9.88	

1 See the (362) Diversion conservation practice standard.

554	**Drainage Water Management**							
	Management	Core	$2,500	$2,500	Acre			1
	>10 Acres per Structure				Acre	$5.58	$6.70	
	Scenario is applicable to management of structures with >10 acres of drainage area							
	<=10 Acres per Structure				Acre	$8.37	$10.05	
	Scenario is applicable to management of structures with <=10 acres of drainage area							

1 This practice is only authorized on drainage systems in place when the CPA1200 is signed.

2 Payment is available where drainage can be manipulated through the use of water control structures at the outlets.

3 Payment is only authorized where water control structures are managing drainage on land of ≤1% slope.

4 Payment is only authorized when the participant can provide a completed 130 Conservation Activity Plan OR can provide the following to NRCS; a 1' interval topographical map of the site, existing tile map (showing locations, sizes and flow grades), and planned or existing structure locations and impacted area of each structure.

5 See the (554) Drainage Water Management conservation practice standard.

393	**Filter Strip**							
	Structural	Core	$2,500	$2,500	Acre			10
	Filter Strip, Introduced species, Forgone Income				Acre	$539.66	$567.39	
	Filter Strip, Native species, Forgone Income				Acre	$551.32	$581.38	

1 Payment is on the acres of filter strip established, and includes vegetation establishment. Payment is not available for natural regeneration.

2 Only one scenario is applicable per acre (i.e., multiple options such as introduced species and native species cannot be stacked on the same acre).

3 See the (393) Filter Strip conservation practice standard

Practice Code	Conservation Practice		Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
410	**Grade Stabilization Structure**							
	Structural	Core	$5,000	$5,000	Number			15
	Embankment 8in-12in Pipe				Cu Yd Fill	$3.53	$4.24	
	Scenario is applicable to any pipe size needed to meet standards and specifications							
	Payment is authorized for an embankment structure of the minimum size needed to address the resource concern in accordance with Conservation Planning policy contained within NRCS General Manual Title 180, Part 409, Section MO409.2(f). The plan must be provided to the Area Engineer for evaluation and concurrence, and receive written approval from the Area Conservationist prior to CPO development.							
	Pipe Drop, Smooth Steel or CMP, <1,000 CY Earthfill				Sq Ft	$8.60	$10.32	
	*Full Flow Drop Pipe Structure. Payment unit is riser weir length * barrel length.*							
	Pipe Drop, Smooth Steel or CMP, >=1,000 CY Earthfill				Sq Ft	$17.07	$20.48	
	*Full Flow Drop Pipe Structure. Payment unit is riser weir length * barrel length.*							
	Concrete Block Chute				Sq Ft	$7.80	$9.35	
	Payment unit is concrete block lined area							
	Rock Rip Rap Chute				Cu Yd Rock	$55.10	$66.12	
	Concrete Drop Structure				Cu Yd Conc	$658.62	$790.34	
	Gabion Chute				Cu Yd	$240.97	$289.16	
	Geotextile Reinforced Vegetated Outlet				Sq Ft	$2.06	$2.47	
	Side Inlet				Foot	$42.08	$50.50	
	Bottomland Drop Pipe. Payment is authorized as an outlet in conjunction with main, lateral and/or field ditches installed for surface drainage in bottomland fields.							

1 See the (410) Grade Stabilization Structure conservation practice standard.

Practice Code	Conservation Practice		Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
412	**Grassed Waterway**							
	Structural	Core	$5,000	$5,000	Acre			10
	35-55 foot top width				Acre	$2,749.65	$3,219.38	
	Scenario is applicable to all waterway widths							
	35-55 foot top width with checks				Acre	$3,632.93	$4,279.31	
	Scenario is applicable to all waterway widths							

1 Payment includes vegetation establishment. Do not contract Critical Area Planting (342) in conjunction with this practice. Payment does not include (484) Mulching.

2 See the (412) Grassed Waterway conservation practice standard.

449	**Irrigation Water Management**							
	Management	Core	$2,500	$2,500	Acre			1
	IWM for row crops				Acre	$8.95	$10.74	
	Advanced IWM				Acre	$13.98	$16.77	
	Advanced IWM requires irrigation scheduling from use of evapotranspiration (ET) data from a regional network and/or from data from soil moisture sensor. Producer must supply record of actual irrigation events based on either the soil moisture sensor data or ET data from regional network.							
	Soil Moisture Sensors with Data Recorder				Each	$1,444.35	$1,733.22	
	Payment is only authorized one time per unit and must be contracted in conjunction with Advanced IWM.							

1 Practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance.

2 See the (449) Irrigation Water Management conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
590	**Nutrient Management**						
	Management **Core**	**$2,500**	**$2,500**	**Acre**			**1**
	Basic NM (Non-Organic/Organic)			Acre	$6.29	$7.55	
	Basic NM with Manure and/or Compost (Non-Organic/Organic)			Acre	$13.53	$16.23	
	Scenario is applicable to surface applications of manure and/or compost without incorporation.						
	Basic NM with Manure Injection or Incorporation			Acre	$26.51	$31.81	
	Basic Precision NM (Non-Organic/Organic)			Acre	$38.84	$46.61	
	Payment is authorized for the following activities under this scenario: Nitrification and urease inhibitors with nitrogen fertilizer applications; slow- and controlled-release fertilizer formulations; split applications of nitrogen fertilizers; tissue testing by chlorophyll meter or spectral reflectance sensors (see MO Agronomy Technical Note No. 35); and variable-rate applications of nitrogen fertilizers guided by spectral reflectance as specified in MO Agronomy Technical Note No. 35. See the MO EQIP Nutrient Management Activity Sheet for allowable products and specific implementation requirements.						
	Variable-rate applications of phosphorus and potassium are not authorized for payment under this scenario. Use Basic NM.						

1 Monitoring will focus on the timing and placement of manure and/or commercial fertilizers, and/or high-level management such as precision and/or adaptive nutrient management.

2 Payment is available when fertilizer nutrients are applied according to a budget for nitrogen, phosphorus, and potassium, plus or minus 10% by individual nutrient. When the soil test shows a lime requirement >600 lb ENM/acre, the specified amounts must be applied plus or minus 10%.

3 The budget specifies amounts of nitrogen, phosphate, and potash applied, utilized, and remaining in soil (nutrients supplied - nutrients utilzed by crop = nutrients remaining).

4 Payment is not authorized for one-time nutrient applications to establish perennial crops.

5 Payment is available on irrigated land only if (449) Irrigation Water Management is applied on the same acres receiving any (590) payment.

6 Payment is available on land having subsurface drainage system only if (554) Drainage Water Management is applied on the same acres receiving any (590) payment.

7 See the applicable MO NRCS Nutrient Management Activity Sheet and the (590) Nutrient Management conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
528	**Prescribed Grazing**						
	Management **Core**	**$5,000**	**$5,000**	**Acre**			**1**
	Low Intensity, > 7 Day Rotation Frequency			Acre	$22.24	$26.69	
	Medium Intensity, 7-3 Days Rotation Frequency			Acre	$33.81	$40.57	
	High Intensity, <=2 Day Rotation Frequency			Acre	$48.50	$58.20	
	Enhanced - Strip Grazing			Acre	$57.58	$69.10	
	Scenario is appropriate for both winter stockpiling/stripgrazing and/or summer stripgrazing for soil health. For summer stripgrazing only, livestock are grazed on mature pasture within the June 1 to August 31 time frame, managed at a high stock density of at least 50,000 lbs/ac, and pastures are managed for a livestock utilization rate of 60% or less.						
	High Density Grazing			Acre	$64.94	$77.93	
	Livestock are grazed on pasture for at least 300 days per calendar year, managed at a stock density of at least 50,000 lbs for 75% of the grazing days, and pastures are managed for a livestock utilization rate of 60% or less per grazing event.						
	Deferment, 90 - 209 Days			Acre	$53.76	$57.27	
	Defer pasture grazing for ≥ 90 days to manage for invasive weed control, improve health of forage plants, or nesting/cover for wildlife species. Not to be used as deferrment for forage establishment. If utilized for wildlife species nesting/cover, grazing must be deferred for a continuous ≥ 90 day period that includes the primary nesting season of May 1 - July 15.						
	Deferment, >=210 Days			Acre	$74.05	$77.60	
	Defer pasture grazing for ≥ 210 days to manage for invasive weed control, improve health of forage plants, or nesting/cover for wildlife species. Not to be used as deferrment for forage establishment. If utilized for wildlife species nesting/cover, grazing must be defered for a continuous ≥210 day period that includes the primary nesting season of May 1 - July 15.						

1 See the (528) Prescribed Grazing conservation practice standard.

Practice Code	Conservation Practice		Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
329	**Residue and Tillage Management, No Till**							
	Management	Core	$2,500	$2,500	Acre			1
	No-Till/Strip-Till				Acre	$16.95	$20.34	

1 All crops planted will be no-tilled/strip-tilled to receive this payment, including double- or triple-cropped crops and cover crops.

2 Option 1: Payment is authorized for acres where no crops in rotation have been no tilled/strip tilled and the producer will continuously no till/strip till all crops as indicated in comment 1 above. The first year (329) payment is made the first year the crop is no-till/strip till planted, second year (329) payment is made the next year when the second crop is no-tilled/strip-tilled, etc.

3 Option 2: Payment is authorized for acres where a portion of the rotation has been no tilled/strip tilled and the producer will continuously no till/strip till all crops as indicated in comment 1 above. The first year (329) payment is made the first year the previously tilled crop is no-till/strip till planted, second year (329) payment is made the next time in the rotation when the previously tilled crop is no-tilled/strip-tilled. Therefore, payments on specific contract acres do not have to be made in two consecutive years and payment will not be made on crops that have been previously no-tilled/strip-tilled in the rotation.

4 See (329) Residue and Tillage Management, No Till conservation practice standard.

345	**Residue and Tillage Management, Reduced Till**							
	Management	Core	$2,500	$2,500	Acre			1
	Residue and Tillage Management, Reduced Till				Acre	$20.00	$24.00	

1 See the (345) Residue and Tillage Management, Mulch Till conservation practice standard.

391	**Riparian Forest Buffer**							
	Structural	Core	$2,500	$2,500	Acre			15
	Direct Seeding				Acre	$712.49	$774.79	
	Bareroot trees, each				Each	$1.59	$1.73	
	Bareroot shrubs, each				Each	$1.15	$1.31	
	Container Trees and Shrubs, less than 2 gallon, Each				Each	$12.67	$13.60	
	Container Trees and Shrubs, 2 gallon and larger, Each				Each	$16.41	$18.08	

1 Payment is not available for natural regeneration. Payment includes tree/shrub costs. Payment does NOT include site preparation.

2 Containers 1 quart and smaller will use the applicable bareroot payment rate.

3 See the (391) Riparian Forest Buffer conservation practice standard.

Practice Code	Conservation Practice		Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
390	**Riparian Herbaceous Cover**							
	Structural	Core	$2,500	$2,500	Acre			5
	Native Grass				Acre	$577.66	$612.99	
	Pollinator				Acre	$1,179.50	$1,335.19	
	Giant Canebreak Restoration				Acre	$1,511.55	$1,733.65	
	Prairie Cordgrass Restoration				Acre	$884.02	$980.62	

1 Payment includes vegetation establishment.

2 Payment includes site preparation equivalent to two activities or passes (spraying, disking, mowing, burning, etc). Where additional site preparation activities are needed through 314, 315 or 338 for adequate seedbed prep a waiver can be requested from the State Office.

3 Only one scenario is applicable per acre (i.e., multiple options such as native species and wildlife/pollinator species cannot be stacked on the same acre).

4 See the (390) Riparian Herbaceous Cover conservation standard.

646	**Shallow Water Development and Management**							
	Management	Core	$2,500	$2,500	Acre			1
	High Level Management, Pumping				Acre	$46.21	$50.18	

1 Shallow water impoundments require an adequate water supply for reflooding the impoundment during period of planned inundation of a minimum of 60 days between December 15 to February 15. The water supply can be as a result of flooding, overland run-off, or a pumped source.

2 See the (646) Shallow Water Development and Management conservation practice standard.

638	**Water and Sediment Control Basin**							
	Structural	Core	$5,000	$5,000	Number			10
	Base				Cu Yd Fill	$2.36	$2.83	
	Topsoil				Cu Yd Fill	$2.62	$3.14	
	Scenario includes the cost for construction of the base of the structure plus the topsoiling. Do not contract the Base scenario plus the Topsoil scenario.							

1 See the (638) Water and Sediment Control Basin conservation practice standard.

Practice Code	Conservation Practice		Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
658	**Wetland Creation**							
	Structural	Core	$5,000	$5,000	Acre			15
	Embankment				Acre	$3,472.21	$4,086.44	
	Excavated				Acre	$3,224.50	$3,789.19	
	1 See the (658) Wetland Creation conservation practice standard.							
659	**Wetland Enhancement**							
	Structural	Core	$5,000	$5,000	Acre			15
	Riverine, Levee Removal, ditch plugs and floodplain features				Acre	$1,117.40	$1,260.67	
	1 See the (659) Wetland Enhancement conservation practice standard.							
657	**Wetland Restoration**							
	Structural	Core	$5,000	$5,000	Acre			15
	Riverine Levee Removal, ditch plugs and floodplain features				Acre	$1,117.40	$1,260.67	
	1 See the (657) Wetland Restoration conservation practice standard.							
472	**Access Control**							
	Structural	Supporting			Acre			10
	Animal exclusion from sensitive areas				Acre	$42.69	$42.87	
	1 Payment is authorized as a supporting practice to (528) Prescribed Grazing to exclude livestock only if livestock currently have access to the area to be excluded at the time of EQIP application.							
	2 Payment is based on the number of acres protected from livestock.							
	3 To avoid duplicate foregone income payments, payment is not authorized on the same acres as financial assistance for (327) Conservation Cover, (390) Riparian Herbaceous Cover and/or (391) Riparian Forest Buffer.							
	4 See the (472) Access Control conservation practice standard.							
342	**Critical Area Planting**							
	Structural	Supporting			Acre			10
	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)				Acre	$137.96	$165.55	
	1 Payment is only authorized when needed as a supporting practice for one of the listed core conservation practices.							
	2 See the (342) Critical Area Planting conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification.							

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
382	**Fence**						
	Structural **Supporting**			**Feet**			**20**
	Temporary/Portable Fence			Foot	$0.36	$0.43	
	Temporary - Portable for Small Livestock			Foot	$1.20	$1.45	
	Scenario is applicable to portable fence products such as electric netting with smaller classes of animals such as; goats, sheep, poultry, etc. where containment by a single strand temporary/portable fence is not adequate.						
	Permanent High Tensile Electric Single Strand			Foot	$0.79	$0.95	
	Permanent High Tensile Electric 2-3 Strand			Foot	$1.15	$1.38	
	Scenario is applicable to all multi-strand high tensile electric fence installations, and small ruminant electrified woven wire fence products.						
	Permanent Barbed Wire Multi Strand			Foot	$1.61	$1.93	
	Scenario is also applicable to woven wire fence installations.						

1 This practice is only authorized as a supporting practice to (528) Prescribed Grazing to exclude livestock from areas that need protection, confine livestock to an area, control domestic livestock while permitting wildlife movement, and/or subdivide grazing acres to facilitate the use of a (528) Prescribed Grazing system.

2 Only one Fence payment can be earned for each length/reach of fence (i.e., multiple options can not be stacked on the same running length/reach of fence).

3 Boundary fence (property line fence) or Perimeter fence is only eligible under the following three exceptions; (1) on expired (2 years or less) or expiring Conservation Reserve Program (CRP) land to establish a grazing operation; (2) on land to protect, restore, or enhance an environmentally sensitive area, such as riparian area or wetland; (3) on land to facilitate a change in production systems per the requirements of section 515.81D(4). Refer to 440 CPM 515.81E, 515.52C and 515.81D(4) for complete policy guidance.

4 See the (382) Fence conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
512	**Forage and Biomass Planting**						
	Structural **Supporting**			**Acre**			**5**
	Interseeding Legumes and/or Forbs			Acre	$118.58	$142.30	
	Introduced Grass Establishment or Renovation			Acre	$193.65	$220.05	
	Native Grass Establishment or Renovation - with fertility			Acre	$346.01	$390.57	
	Scenario is applicable to any native grass establishment or renovation regardless of fertility requirements (follow standards and specifications for soil test and fertility requirements).						
	Pasture Renovation Utilizing Interim Seeding			Acre	$251.30	$289.23	
	Scenario includes establishment of an annual forage or smother crop prior to the new perennial stand being established. This scenario applies to, but not limited to, renovation of endophyte fescue stands utilizing the spray - smother - spray technique. See IS-MO723c for specific requirements.						

1 This practice is only authorized as a supporting practice to (528) Prescribed Grazing

2 Payment is not authorized for the conversion of native prairie or woodland to pasture or hayland.

3 See the (512) Forage and Biomass Planting conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification

Footnotes and Acronym Information

1/ HU Payment Rate refers to the payment rate for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, Socially Disadvantaged Farmers, and Veteran Farmers who also qualify as Beginning Farmers).

This Program Policy is approved for use in Missouri

J. R. Flores — Missouri State Conservationist

April 15, 2019 — Date