

Pemiscot Little River Ditches Initiative EQIP-MRBI Policies

This FY12 EQIP Policy is based on the Interim Final Rule (IFR) for EQIP, published 1/15/09 in Vol. 74, No. 10 of the Federal Register, under 7 CFR Part 1466, and National Bulletin 300-11-32 "Guidance for Development of Fiscal Year 2012 Payment Schedules" dated September 13, 2011.

In accordance with NB300-11-32, payment schedules and their associated scenario options for certain practices (340,130, 382, 512, 561, 595,114, 442,118,590, 104, 516, 528, 533, 646, 645, & 614) were developed on a regional basis.

Planned conservation practices must be maintained for the lifespan of the practice, as indicated on the NRCS-CPA-1155 or -1156. All practices must also meet the minimum criteria in the Conservation Practice Standard (see the Missouri eFOTG) and the criteria listed below. Extents above the minimum necessary to meet practice criteria are not eligible for EQIP payment. Note: Payment for some practices is only authorized when used in conjunction with another practice, as detailed in the Conservation Plan of Operation (CPO), with or without payment.

Maximum Amounts for the life of the contract are established on certain conservation practices or options, as noted in this Policy. EQIP funds provide financial assistance to eligible farmers and ranchers to help these producers enhance agricultural and forested lands in a cost-effective and environmentally beneficial manner. Establishing Maximum Amounts for the contract allows Missouri NRCS to make EQIP funding assistance available to a larger number of eligible farmers, ranchers and forest producers here in Missouri, and also as a method to make funding available to eligible producers regardless of size of operation (i.e., by not obligating large amounts of funds on operations with more acres, Missouri EQIP funds will be available to a larger number of separate operations). The specified "Maximum Amounts" for identified practices within this policy does not allow applicants to exceed the maximums through multiple offers/contracts on different acres when those acres are controlled by the same applicant(s), where 'control' means possession of the land by ownership, written lease, or other legal agreement (as generally indicated on FSA's EZ156 &/or Producer Farm Data Report forms. Historically Underserved Maximum Amounts refers to the maximum contract payment for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, and Socially Disadvantaged Farmers as defined in the 2009 EQIP Interim Final Rule). NOTE: While there is no restriction on the number of applications (or contracts, if funded) that may be submitted by an applicant for FY12 EQIP, all FY12 EQIP applications (and contracted amounts) will count towards the FY12 Maximum Amount as listed in FY12 EQIP Policy for any and all FY12 EQIP applications (and FY12 EQIP contracts, if funded) where acres are controlled by the same applicant(s), where 'control' means possession of the land by ownership, written lease, or other legal agreement (as generally indicated on FSA's EZ156 &/or Producer Farm Data Report forms).

HU Payment Rate refers to the payment rate for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, and Socially Disadvantaged Farmers as defined in the 2009 EQIP Interim Final Rule). **It is the applicant's responsibility to provide adequate documentation AT THE TIME THEY SIGN THE CPA-1200** that supports their HU request before the applicant can apply for these HU funds; applicants who do not meet these requirements will NOT be eligible for Historically Underserved funds.

Payments for some practices (identified by "**Adoption Period Required**" in the title or option line), are intended to encourage the adoption via application of certain types of practices &/or practice options. These types of payments are only available on acres where the practice option has not been previously applied &/or utilized, AND where there will be a higher level of management required for the requested practice option. These types of payments are NOT authorized if the conservation practice option has previously been implemented on the acres applying for EQIP, with or without financial assistance. "Adoption Period Required" practices must be adopted/applied two years within the length of the contract period. No more than three separate "Adoption Period Required" practice options may be combined per acre.

Structural practices involve the establishment, construction, or installation of site-specific measures. Vegetative practices involve the establishment or planting of site-specific vegetative measures.

Practices that are structural or vegetative are indicated by an "(S)" in the conservation practice heading. Payments are established as a one-time only payment, not multi-year payments (with exceptions as noted). Missouri policy requires the owner be a signatory to a contract which has EQIP funds used for any structural or vegetative practice, due to the long-term lifespan on these practices and in accordance with CPM515.71(B)(2)(ii).

Conservation activities that generally require site-specific management techniques and/or methods with a practice lifespan of one year are indicated by an "(M)" in the title or option heading. In some cases, as indicated by "Adoption Period Required" in the title or option line, the practice or option must be adopted/applied two years within the length of the contract period. These are only available for payment on acres where the practice option has not been previously applied &/or utilized, and where there will be a higher level of management.

The EQIP applicant is responsible for the installation, use, and maintenance of all components required in the conservation management system.

Core Practice List: One core practice must be selected before a closely associated practice from the Supporting Practice List can be selected.								
Practice		Conservation Practice	Payment		Maximum Amount 4/	Historically Underserved		Lifespan
Code	Unit		Unit	Rate		Payment Rate 3/	Maximum Amount 4/	
340	Acre	Cover Crop (Adoption Period Required) (M)	Pound		\$ 9,000.00		\$ 10,800.00	1 Year
		Legumes		\$ 38.76		\$ 46.52		
		Species That Will Winter Kill		\$ 29.98		\$ 35.98		
		Grasses and/or Certified Cereal Grains		\$ 35.46		\$ 42.55		
		Two or More Species (grass, legume, forbs, herbaceous)		\$ 42.46		\$ 50.95		
1. No more than three separate 'Adoption Period Required' options may be combined per acre. 2. See the "Cover Crop" conservation practice standard.								
554	Acre	Drainage Water Mgmt (Adoption Period Required) (M)	Acre	\$ 9.00	\$ 1,500.00	\$ 12.50	\$ 2,075.00	1 Year
1. This practice is only authorized on drainage systems in place when the FY12 EQIP application is initiated (i.e., CPA1200 is signed). 2. When used in conjunction with "Shallow Water Development & Management for Wildlife", existing berms or levees must be in place when the FY12EQIP application is initiated (i.e., CPA1200 is signed). 3. Payment is available where drainage can be manipulated through the use of water control structures at the outlets. 4. No more than three separate 'Adoption Period Required' options may be combined per acre. 5. See the "Drainage Water Management" conservation practice standard.								
590	Acre	Nutrient Management (Adoption Period Required) (M)	Acre		\$ 25,000.00		\$ 30,000.00	1 Year
		Basic Nutrient Management		\$ 9.94		\$ 11.93		
		Basic Nutrient Management with Manure		\$ 25.96		\$ 31.96		
		Enhanced Nutrient Management		\$ 29.80		\$ 35.76		
		Enhanced Nutrient Management with Tissue Testing		\$ 32.10		\$ 38.52		
1. This payment is available when all nutrients are applied according to a budget for nitrogen, phosphorus, and potassium, in accordance with the minimums stated in an applicable soil test, plus or minus 10% by individual nutrient. 2. The budget specifies amounts of nitrogen, phosphate, and potash applied, utilized, and remaining in soil. 3. This payment is available on irrigated land only if (449) Irrigation Water Management is applied on the same acres receiving any (590) payment. 4. This payment is available on drained land only if (554) Drainage Water Management is applied on the same acres receiving any (590) payment. 5. No more than three separate 'Adoption Period Required' options may be combined per acre. 6. Nutrient management can be cunted as the core practice if it is being applied in another program and will be maintained for the life of the MRBI Contract. 7. See the applicable MO NRCS "Nutrient Management" Activity Sheet and the "Nutrient Management" conservation practice standard.								
Supporting Practice List: You must select 1 Core Practice from the list above before you can select a closely associated Supporting Practice.								
464	Acre	Irrigation Land Leveling (S)	Acre	\$ 117.50	\$ 25,000.00	\$ 176.20	\$ 45,000.00	15 Years
1. Payment is only authorized for re-grading cropland fields that are currently surface irrigated. 2. "Nutrient Management" and "Irrigation Water Management" is required in conjunction with this practice. 3. This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance. 4. See the "Irrigation Land Leveling" conservation practice standard.								
430	Feet	Irrigation Pipeline (S)	Feet		\$ 25,000.00		\$ 45,000.00	20 Years
		Pipe Diameter - 8" or less (for > 50' length)		\$ 3.77		\$ 5.66		
		Pipe Diameter- 8" or less (for < 50' length)		\$ 24.60		\$ 29.52		
		Pipe Diameter - 10" thru 12" (for > 50' length)		\$ 7.39		\$ 11.08		
		Pipe Diameter - 10" thru 12" (for < 50' length)		\$ 32.87		\$ 39.44		

Practice		Conservation Practice	Payment		Maximum Amount 4/	Historically Underserved		Lifespan	
Code	Unit		Unit	Rate		Payment Rate 3/	Maximum Amount 4/		
		Pipe Diameter - 15" and more (for > 50' length)		\$ 11.92		\$ 17.88			
		Pipe Diameter - 15" and more (for <50' length)		\$ 41.33		\$ 49.59			
<p>1. Payment is authorized on crop fields with an existing irrigation system. 2. The pipeline shall be used to reorganize an existing irrigation system OR to replace a temporary water conveyance system (to convey water from a well or reservoir to the irrigation system). 3. "Irrigation Water Management" is required in conjunction with this practice. 4. This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance. 5. See the "Irrigation Water Conveyance" conservation practice standard.</p>									
449	Acre	Irrigation Water Mgmt (Adoption Period Required)	Acre	\$ 7.90	\$ 3,000.00	\$ 11.00	\$ 4,175.00	1 year	
<p>1. The payment is authorized on existing irrigated acres when EQIP funds will be used to apply one or more of the following practices: 464, 442, 443, 430, 533 ('Flowmeter' option). 2. This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance. 3. No more than three separate 'Adoption Period Required' options may be combined per acre. 4. See the "Irrigation Water Management" conservation practice standard.</p>									
	Number	Monitoring and Evaluation (M)							
FOR EDGE OF FIELD MONITORING SYSTEMS									
<p>1. A combination of "Edge of Field Flow Monitoring Surface Flow Equipment", "Edge of Field Flow Monitoring Terrace UGO Flow Equipment", "Edge of Field Flow Monitoring Drain Tile Flow Equipment", "Edge of Field Monitoring Weather Station Equipment", "Edge of Field Flow Monitoring Data Collection", "Edge of Field Sampling Portable Sampler", and "Edge of Field Water Sampling Data Collection Ten Events" will be required to construct a complete edge of field monitoring system. 2. All monitoring plans must meet the criteria provided in the 799 Monitoring and Evaluation Conservation Practice Standard. The development of a monitoring system is unique to each site, for further technical guidance on implementing an edge of field monitoring system contact Troy Chockley, MO NRCS Environmental Engineer.</p>									
799		Edge of Field Flow Monitoring Surface Flow Equipment	Number	\$ 11,104.00		\$ 13,325.00		1 Year	
	<p>1. For the minimum requirements for installation of a flow monitoring device for monitoring edge of field flow where an underground outlet or drain tile outlet is not available. The flow monitoring will be performed by a flume or weir with depth measurement by ultrasonic sensor or bubbler with data logger. This payment is for the cost of installation of one edge of field monitoring flow meter and associated materials, installation, labor and acquisition of technical knowledge costs.</p>								
		Edge of Field Flow Monitoring Terrace UGO Flow Equipment	Number	\$ 4,035.00		\$ 4,843.00			
	<p>1. For the minimum requirements for installation of a flow monitoring device for monitoring edge of field flow where there is a terrace UGO or other existing pipe installed in the field (does not include subsurface drain outlet). The flow monitoring will be performed by an area/velocity flow meter with data logger. This payment is for the cost of installation of one edge of field monitoring flow meter and associated materials, installation, labor and acquisition of technical knowledge costs at each discrete outlet pipe.</p>								
		Edge of Field Flow Monitoring Drain Tile Flow Equipment	Number	\$ 4,519.00		\$ 5,423.00			
	<p>1. For the minimum requirements for installation of a flow monitoring device for monitoring edge of field flow where there is a drain tile outlet or subsurface pipe installed in the field (does not include Terrace outlet). The flow monitoring will be performed by a flume or weir with depth measurement by ultrasonic sensor or bubbler with data logger. This payment is for the cost of installation of one edge of field monitoring flow meter and associated materials, installation, labor and acquisition of technical knowledge costs at each discrete outlet pipe.</p>								
	Number	Edge of Field Monitoring Weather Station Equipment	Number	\$ 528.00		\$ 634.00			
<p>1. For weather data collection to be used in addition to other edge of field monitoring activities. The minimum weather data collected will be rainfall (data logging tipping bucket rain gauge). One rain gauge per field is required. This payment is for the cost of installation of the weather station.</p>									

Practice		Conservation Practice	Payment		Maximum Amount 4/	Historically Underserved		Lifespan
Code	Unit		Unit	Rate		Payment Rate 3/	Maximum Amount 4/	
		Edge of Field Flow Monitoring Data Collection	Number	\$ 840.00		\$ 1,007.00		
		1. For the minimum requirements for the collection of data from flow monitoring devices and/or weather stations. This payment is for the annual cost of data collection for each device used in flow monitoring activities. 2. This payment scenario is to be contracted in conjunction with Surface, Terrace UGO, Drain Tile and Weather scenarios to capture the labor and materials needed for data collection.						
		Edge of Field Sampling Portable Sampler	Number	\$ 3,831.00		\$ 4,597.00		
		1. For the minimum requirements for installation of an edge of field water sample collection device for monitoring edge of field water quality during a flow event. The sampler will be a manufactured unit designed to be portable that is powered by a 12 volt battery. The sampler will be a peristaltic pump style with 24 one liter bottles capable of sequential sample collection, and will also have flow sensing ability. This payment is for the cost of installation of one edge of field water sampler.						
		Edge of Field Water Sampling Data Collection Ten Events	Number	\$ 5,132.00		\$ 6,159.00		
		1. For edge of field water sampling data collection and analysis. This payment is for the cost of data collection and analysis for 10 runoff events for each device used in water sampling activities. Protocol requires 30 events per year, so this payment scenario will be repeated three times per year per device.						
646	Acre	Shallow Water Development & Mgmt for Wildlife			\$ 5,000.00		\$ 6,000.00	1 Year
		Shallow Water Management (Adoption Period Required) (M)	Acre	\$ 48.07		\$ 57.68		
1. See the MO NRCS "Shallow Water Management for Wildlife" Activity Sheet and the "Shallow Water Management for Wildlife" conservation practice standard.								
Footnotes and Acronym Information								
1/	An Existing livestock operation is: a. Currently in operation producing meat, milk, eggs, fiber, or other livestock-related marketable products; b. Consists of major physical facilities installed on the tract included in this EQIP application (i.e., swine house, milk barn, etc), AND 1) does not have an adequate livestock waste management system OR 2) has a livestock waste management system that currently is in need of retrofitting or rehabilitation.							
1/	An Expanding livestock operation is: a. An operation that meets the definition of an Existing livestock operation, but will increase current/existing animal numbers &/or construct facilities on a tract where no facilities exist, AND High Expansion: (1) needs to add facilities due to a greater than 75% increase in current/existing animal numbers or (2) expansion will lead to a change in regulatory classification or (3) construct facilities on a tract where no facilities exist OR Medium Expansion: needs to add facilities due to a 30.1% through 75% increase in current/existing animal numbers OR Low Expansion: needs to add facilities due to a 30% or less increase in current/existing animal numbers.							
1/	All Other livestock operations: a. Applicant does not directly control the production of waste material from livestock production (i.e., applicant is the recipient of waste material from an operation that he/she has no influence [i.e., is not the direct owner or operator] in the day-to-day activities of that operation) OR b. Applicant is introducing a different type of livestock operation (i.e., current swine operation is adding a poultry house; current swine operation wants to change to a poultry operation) OR c. Applicant is introducing an entirely new livestock operation where no livestock operation currently exists OR d. An operation that does not meet the above definitions of Existing or Expanding.							
3/	HU Payment Rate refers to the payment rate for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, and Socially Disadvantaged Farmers as defined in the 2009 EQIP Interim Final Rule). It is the applicant's responsibility to provide adequate documentation AT THE TIME THEY SIGN THE CPA-1200 that supports their HU request before the applicant can apply for these HU funds; applicants who do not meet these requirements will NOT be eligible for Historically Underserved funds.							

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CAP		Conservation Activity Plan: Generally require site-specific management techniques and/or methods, and have a practice lifespan of one year.																														
CNMP		Comprehensive Nutrient Management Plan																														
CPO		Conservation Plan of Operations																														
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S		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. Vegetative practices involve the establishment or planting of site-specific vegetative measures. Payments are established as a one-time only payment, not multi-year payments. Missouri policy requires the owner be a signatory to a contract which has EQIP funds used for any structural or vegetative practice, in accordance with CPM515.71(B)(2)(ii).																														
TSP		Technical Service Provider (http://techreg.usda.gov/)																														
USDA AU		The USDA Animal Unit is a representation of the number of animals equivalent to 1,000 pounds of live average weight. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Animal Type</th> <th>Animals/AU</th> <th>Animal Type</th> <th>Animals/AU</th> </tr> </thead> <tbody> <tr> <td>Fattened Cattle</td> <td>1.14</td> <td>Chicken Layers</td> <td>250.00</td> </tr> <tr> <td>Milk Cows</td> <td>0.74</td> <td>Chicken Broilers</td> <td>455.00</td> </tr> <tr> <td>Breeding Hogs</td> <td>2.67</td> <td>Pullets</td> <td>250.00</td> </tr> <tr> <td>Hogs for Slaughter</td> <td>9.09</td> <td>Breeding Turkeys</td> <td>50.0</td> </tr> <tr> <td></td> <td></td> <td>Slaughter Turkeys</td> <td>67.00</td> </tr> </tbody> </table>							Animal Type	Animals/AU	Animal Type	Animals/AU	Fattened Cattle	1.14	Chicken Layers	250.00	Milk Cows	0.74	Chicken Broilers	455.00	Breeding Hogs	2.67	Pullets	250.00	Hogs for Slaughter	9.09	Breeding Turkeys	50.0			Slaughter Turkeys	67.00
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