

Lower Grand River MRBI Project Chariton County, Missouri 2010 EQIP Policies

This FY10 MRBI-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 the MRBI Request-for Proposal (RFP), published 3/2/2010 in Vol. 75 No. 40 of the Federal Register, pages 9380 thru 9387.

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 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).

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). Maximum Amounts for the contract are not intended for multiple offers 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 AD-1026A forms). HU 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).

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)

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.

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

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan
472	Acre	Access Control (S)	Acre	\$ 60.00	\$ 6,240.00	\$ 90.00	\$ 9,360.00	10 Years

1. Payment is authorized when a major physical barrier is constructed using EQIP funds (where none exists) and maintained to exclude livestock, thereby protecting sensitive areas &/or woodlands, 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, not to exceed the Maximum Amount.
3. See the "Access Control" conservation practice standard.

		Comprehensive Nutrient Management Plan (CNMP)						
102	Number	Acre CNMP for Beef Cattle - less than 100 beef cattle	Number	\$ 4,275.00		\$ 5,130.00		
		Acre CNMP for Beef Cattle - 100 to 500 beef cattle	Number	\$ 5,325.00		\$ 6,390.00		
		Acre CNMP for Beef Cattle - 500 or more beef cattle	Number	\$ 6,975.00		\$ 8,370.00		
		Acre CNMP for Dairy Cows - less than 100 dairy cows	Number	\$ 5,100.00		\$ 6,120.00		
		Acre CNMP for Dairy Cows - 100 to 200 dairy cows	Number	\$ 6,375.00		\$ 7,650.00		
		Acre CNMP for Dairy Cows - 200 or more dairy cows	Number	\$ 8,288.00		\$ 9,945.00		
		Acre CNMP for Swine - less than 2000 swine	Number	\$ 4,838.00		\$ 5,805.00		
		Acre CNMP for Swine - 2000 to 3000 swine	Number	\$ 6,038.00		\$ 7,245.00		
		Acre CNMP for Swine - 3000 or more swine	Number	\$ 7,875.00		\$ 9,450.00		
		Acre CNMP for Poultry - 100,000 poultry or less	Number	\$ 4,388.00		\$ 5,265.00		
		Acre CNMP for Poultry - greater than 100,000 poultry	Number	\$ 5,513.00		\$ 6,615.00		
		1. The eleven CNMP options above are available either to develop a new CNMP (where one does not exist) or revise an existing CNMP (when there is a greater than 30% expansion in animal numbers). 2. The eleven "Acre CNMP" options above are available for CNMP activities associated with manure and waste generation, collection, storage and handling, land treatment, and nutrient management of the system. 3. These CNMP options can not be used if 50% or more of the manure or organic products are exported (material is transferred to another owner with written documentation of transfer).						1 Year

FY10 Missouri NRCS
EQIP Policies for the Lower Grand MRBI Project in Chariton County

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan
		Acre Export CNMP for Beef Cattle - less than 100 beef cattle	Number	\$ 3,188.00		\$ 3,825.00		
		Acre Export CNMP for Beef Cattle - 100 to 500 beef cattle	Number	\$ 3,975.00		\$ 4,770.00		
		Acre Export CNMP for Beef Cattle - 500 or more beef cattle	Number	\$ 5,213.00		\$ 6,255.00		
		Acre Export CNMP for Dairy Cows - less than 100 dairy cows	Number	\$ 3,788.00		\$ 4,545.00		
		Acre Export CNMP for Dairy Cows - 100 to 200 dairy cows	Number	\$ 4,763.00		\$ 5,715.00		
		Acre Export CNMP for Dairy Cows - 200 or more dairy cows	Number	\$ 6,188.00		\$ 7,425.00		
		Acre Export CNMP for Swine - less than 2000 swine	Number	\$ 3,375.00		\$ 4,050.00		
		Acre Export CNMP for Swine - 2000 to 3000 swine	Number	\$ 4,253.00		\$ 5,103.00		
		Acre Export CNMP for Swine - 3000 or more swine	Number	\$ 5,513.00		\$ 6,615.00		
		Acre Export CNMP for Poultry - 100,000 poultry or less	Number	\$ 2,738.00		\$ 3,285.00		
		Acre Export CNMP for Poultry - greater than 100,000 poultry	Number	\$ 3,608.00		\$ 4,329.00		
		<p>1. The eleven CNMP options above are available either to develop a new CNMP (where one does not exist) or revise an existing CNMP (when there is a greater than 30% expansion in animal numbers).</p> <p>2. The eleven "Acre Export CNMP" options above are available for CNMP activities associated with manure and waste generation, collection, storage and handling, land treatment, and nutrient management of an operation that exports 50% or more of the manure or organic products.</p> <p>3. Export involves the physical transfer of manure or organic products to another owner with written documentation of transfer.</p>						
<p>1. This practice can only be included in the contract when the producer has agreed to utilize a TechReg certified TSP to develop all aspects of the CNMP.</p> <p>2. Payment is not authorized if NRCS, SWCD, or MDC staff, or a non Tech Reg certified party, develops any portion of the CNMP.</p> <p>3. A CNMP is required prior to providing technical and/or financial assistance for any EQIP-assisted animal waste facility, and must include that practice on the acres on the contract.</p> <p>4. These CNMP Payments Rates will be the only contracted funding assistance available for CNMP's developed by a TechReg certified TSP for the contract.</p> <p>5. Any EQIP application for a CNMP selected for funding must have current soil test results provided to the NRCS Field Office by the EQIP contract decisionmaker within 45 days of contract obligation or the contract may be terminated (exception: operations which export 100% of the waste/manure).</p>								
		Conservation Cover (S)						
		Cool Season Grasses &/or Legumes	Acre	\$ 75.30		\$ 90.30		
		Warm Season Grasses &/or Legumes	Acre	\$ 144.20		\$ 173.00		
		Native Forbs for Quail Habitat	pound	\$ 25.19		\$ 30.22		
		<p>1. Payment is for the use of native forbs as either (A) addition to a 'Warm Season Grasses &/or Legumes' option above OR (B) to interseed into an existing native grass stand.</p>						
		Forbs for Pollinator Habitat Using Missouri Source Identified	Acre	\$ 198.80		\$ 238.50		
		<p>1. Payment is for the use of MO Source Identified Forbs to provide pollinator habitat by either (A) adding to a 'Warm Season Grasses &/or Legumes' option above OR (B) interseeding into an existing native grass stand.</p>						
		Forbs for Quail Habitat Using Missouri Source Identified	pound	\$ 36.38		\$ 43.65		
		<p>1. Payment is for the use of MO Source Identified Forbs by either (A) adding to a 'Warm Season Grasses &/or Legumes' option above OR (B) interseeding into an existing native grass stand.</p>						
		Fertilizer - Nitrogen	pound	\$ 0.37		\$ 0.56		
		Fertilizer - Phosphorus	pound	\$ 0.34		\$ 0.50		
		Fertilizer - Potash	pound	\$ 0.34		\$ 0.51		
		Lime - ENM	per 100#	\$ 1.66		\$ 2.49		
		<p>1. Payment is authorized for fertilizer & lime when applied according to soil test recommendation and used in conjunction with a Conservation Cover seeding option above.</p>						
327	Acre							5 Years
<p>1. Payment is authorized for the establishment and maintenance of permanent vegetative cover on land being retired from agricultural production use, not to exceed the Maximum Amount.</p> <p>2. See the "Conservation Cover" conservation practice standard.</p>								

FY10 Missouri NRCS
EQIP Policies for the Lower Grand MRBI Project in Chariton County

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan
328	Acre	Conservation Crop Rotation (M)			\$ 3,500.00		\$ 7,875.00	1 Year
		Adding Grass and/or Legume	Acre	\$ 10.40		\$ 23.40		
<p>1. This is a one-time only payment (not to exceed the Maximum Amount) when a grass and/or forage legume planting is maintained for a minimum of one year during an annually tilled/planted crop rotation (not for long-term establishment of a grass &/or forage legume stand).</p> <p>2. See the "Conservation Crop Rotation" conservation practice standard.</p>								
340	Acre	Cover Crop (Adoption Period Required) (M)						1 Year
		Termination of Winter Cover Crop	Acre	\$ 44.00		\$ 60.90		
		Chemical Terminate - Temp/Legume Cover Crop for Nitrogen Mgmt	Acre	\$ 39.60		\$ 54.80		
		Tillage Terminate - Temp/Legume Cover Crop for Nitrogen Mgmt	Acre	\$ 43.90		\$ 60.60		
<p>1. See applicable MO NRCS "Cover Crop" Activity Sheet.</p> <p>4. See the "Cover Crop" conservation practice standard.</p>								
342	Acre	Critical Area Planting (S)						10 Years
		Cool Season Grasses (CSG) With Mulching	Acre	\$ 462.10		\$ 554.60		
		Warm Season Grasses (WSG) With Mulching	Acre	\$ 530.70		\$ 636.80		
		CSG With Companion Crop or Into Existing Residue	Acre	\$ 258.50		\$ 310.20		
		WSG With Companion Crop or Into Existing Residue	Acre	\$ 327.10		\$ 392.50		
<p>1. See the "Critical Area Planting" conservation practice standard.</p>								
362	Feet	Diversion (S)						10 Years
		Small - <=2000 cubic yards earthfill &/or <=1400 ft in length	Feet	\$ 1.46		\$ 1.75		
		Large - >2000 cubic yards earthfill &/or >1400 ft in length	Feet	\$ 1.29		\$ 1.54		
<p>1. See the "Diversion" conservation practice standard.</p>								
554	Acre	Drainage Water Mgmt (Adoption Period Required) (M)	Acre	\$ 7.50		\$ 10.40		1 Year
<p>1. This practice is only authorized on drainage systems in place when the EQIP application is initiated (i.e., CPA1200 is signed).</p> <p>2. When used in conjunction with "Shallow Water Development & Management for Wildlife", existing berms or levees must be in place when the EQIP application is initiated (i.e., CPA1200 is signed).</p> <p>3. Payment is available where drainage can be manipulated through the use of water control structures at the outlets.</p> <p>4. See the "Drainage Water Management" conservation practice standard.</p>								
382	Feet	Fence (S)						20 Years
		Fence - Single Strand Hi-Tensile	Feet	\$ 0.62		\$ 0.75		
		1. One strand hi-tensile electric wire used as cross-fence or for exclusion barrier (temporary fence not eligible).						
		Fence - Multi Strand Permanent	Feet	\$ 1.51		\$ 1.81		
<p>1. Permanent, multi-strand wire (barbed or woven or hi-tensile electric or hi-tensile non-electric) used as a barrier to contain, exclude, or control livestock, wildlife, or humans.</p> <p>1. This practice is only authorized as a component of a "Prescribed Grazing", "Access Control", and/or "Waste Storage Facility" 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 prescribed grazing system.</p> <p>2. See the "Fence" conservation practice standard.</p>								

FY10 Missouri NRCS
EQIP Policies for the Lower Grand MRBI Project in Chariton County

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan
386	Feet	Field Border (S)						10 Years
		Width - 20 to 30 feet	Feet	\$ 0.02		\$ 0.04		
		Width - => 30 feet Using Wildlife Species	Feet	\$ 0.04		\$ 0.06		
1. Payment (not to exceed the Maximum Amount) is on the number of linear feet of field border established for one option per field; payment is not available for natural regeneration of any field border acres. 2. See the MO NRCS "Field Border with Wildlife Friendly Grasses" Activity Sheet as applicable and "Field Border" conservation practice standard.								
393	Acre	Filter Strip (S)	Acre	\$ 54.50		\$ 81.80		10 Years
1. See the "Filter Strip" conservation practice standard.								
410	Number	Grade Stabilization Structure (S)						15 Years
		Earthen Embankment Dam with 4" thru 6" Spillway Pipe	cu yds fill	\$ 2.27		\$ 2.73		
		Earthen Embankment Dam with 8" thru 12" Spillway Pipe	cu yds fill	\$ 2.40		\$ 2.87		
		Earthen Embankment Dam with >12" Spillway Pipe	cu yds fill	\$ 2.59		\$ 3.11		
		Box Inlet Drop Structure (Full Flow)	cu yds	\$ 446.96		\$ 536.35		
		Chute Structure (Full Flow)	tons	\$ 17.15		\$ 20.58		
Side Inlet Drain Structure	ft of pipe	\$ 35.83		\$ 43.00				
1. See the "Grade Stabilization Structure" conservation practice standard.								
412	Acre	Grassed Waterway (S)	Acre	\$ 2,007.50		\$ 2,416.80		10 Years
1. See the "Grassed Waterway" conservation practice standard.								
561	Acre	Heavy Use Area Protection (S)						10 Years
		Gravel - Light (with Site Prep, 6" of Gravel & Geotextile Fabric)	sq yd	\$ 4.37		\$ 6.05		
		Gravel - Heavy (with Site Prep, 612" of Gravel & Geotextile Fabric)	sq yd	\$ 8.41		\$ 11.65		
		Concrete Pad and Gravel with Site Prep	sq yd	\$ 19.79		\$ 27.40		
1. Payment for this practice is only authorized as a component of "Prescribed Grazing", "Access Control", or as a part of a CNMP (CNMP must have been developed [or updated if a CNMP already exists] and reference this practice on the acres in this application). 2. See the "Heavy Use Area Protection" conservation practice standard.								

FY10 Missouri NRCS
EQIP Policies for the Lower Grand MRBI Project in Chariton County

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan		
590	Acre	Nutrient Management (Adoption Period Required) (M)						1 Year		
		Basic Option Available for Application on Pasture or Hayland Only	Acre	\$ 3.90		\$ 5.40				
		1. This payment is available when all nutrients are applied on existing pasture or hayland acres in accordance with the minimums stated in an applicable soil test, plus or minus 10% by individual nutrient.								
		Liquid Manure Application & Management	Acre	\$ 12.40		\$ 17.10				
		1. Payment is for the land application of liquid manure or organic by-products for nutrient utilization by crops.								
		Solid Manure Application & Management	Acre	\$ 11.70		\$ 16.10				
		1. Payment is for the land application of solid manure or organic by-products for nutrient utilization by crops.								
		Controlled-Release N Application & Management	Acre	\$ 10.40		\$ 14.40				
		1. Payment is for the land application of polymer-coated urea or ureaform-type fertilizers on cropland.								
		Split Nitrogen Application & Management	Acre	\$ 21.30		\$ 29.50				
1. Payment is for the land application of 50% or less of the total recommended N applied either pre-plant (no more than 30 days prior to anticipated planting date) or at planting, with the remaining N land applied after crop establishment.										
		Precision Nitrogen Application & Management	Acre	\$ 24.90		\$ 34.50				
1. Payment is available when in-field crop color sensing technology is used AND variable rate nitrogen fertilizer land application is completed; see Agronomy Technical Note MO-35 for guidance.										
		Variable Rate P&K	Acre	\$ 12.00		\$ 16.60				
1. Payment is for the application of P & K using variable rate technology for long term analysis of grid or zone soil sampling.										
<p>1. Minimum requirements of the nutrient management conservation practice standard must be met on all of the above, in addition to the requirements of the selected payment option.</p> <p>2. Only one Nutrient Management option can be selected for payment per field EXCEPT THAT VRT P&K CAN BE USED IN CONJUNCTION WITH ANY OTHER NITROGEN OR MANURE APPLICATION OPTION.</p> <p>3. See the "Nutrient Management" conservation practice standard.</p>										
512	Acre	Pasture and Hayland Planting (S)			\$ -		\$ -	5 Years		
		Interseeding Legumes	Acre	\$ 20.40		\$ 24.50				
		1. Payment is available for interseeding legumes into existing grass pasture or hayland acres.								
		Cropland to Cool Season Grasses (CSG) or CSG & Legumes	Acre	\$ 119.60		\$ 143.50				
		Cropland to Warm Season Grasses (WSG)	Acre	\$ 165.70		\$ 198.90				
		1. Payment for the above two options is authorized on acres currently used for cultivated cropland production.								
		Fertilizer - Nitrogen	pound	\$ 0.37		\$ 0.56				
		Fertilizer - Phosphorus	pound	\$ 0.34		\$ 0.50				
Fertilizer - Potash	pound	\$ 0.34		\$ 0.51						
Lime - ENM	per 100#	\$ 1.66		\$ 2.49						
1. Payment is authorized for fertilizer & lime when applied according to soil test recommendation and used in conjunction with a new "Pasture & Hayland Planting" seeding mixture above.										
<p>1. Payment (not to exceed the Maximum Amount) is not authorized for the conversion of native prairie or woodland to pasture or hayland.</p> <p>2. See the "Pasture and Hayland Planting" conservation practice standard.</p>										

FY10 Missouri NRCS
EQIP Policies for the Lower Grand MRBI Project in Chariton County

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan	
516	Feet	Pipeline (S)						20 Years	
		Above-ground for seasonal water at point-of-use	Feet	\$ 0.64		\$ 0.77			
		Buried pipeline to convey water to point-of-use	Feet	\$ 1.81		\$ 2.17			
		Buried delivery pipe for Gravity Flow system	Feet	\$ 2.63		\$ 3.15			
		Pipeline Boring (must be used with 'Buried' option above)	Feet	\$ 63.47		\$ 76.17			
<p>1. Payment (based on required casing length) is available for installation which includes casing, access pit & appurtenances, when directional pipeline boring under an obstruction such as roadway, stream, rock ledge, etc, is needed. 2. The 'Pipeline Boring' option can only be used with a 'Buried' option above, where directional boring of some of the pipe length is necessary; NOT as a stand alone option.</p>									
<p>1. Payment for this practice is only available as a component of "Prescribed Grazing" and/or "Access Control" to provide livestock water on grazing lands where existing water supplies are inadequate for proper grazing management and site conditions warrant the practice. 2. See the "Pipeline" conservation practice standard.</p>									
528	Acre	Prescribed Grazing (Adoption Period Required) (M)			\$ 10,000.00		\$ 12,500.00	1 Year	
		New Grazing System	Acre	\$ 13.70		\$ 16.40			
		<p>1. New grazing systems must establish a minimum of 4 new paddocks to be eligible. 2. This payment cannot be made for subdividing existing paddocks which currently meet this Standard or for acres which have previously received a Prescribed Grazing payment. 3. See the MO NRCS "Prescribed Grazing" EQIP Activity Sheet.</p>							
		Stockpiling and Stripgrazing	Acre	\$ 51.00		\$ 61.20			
<p>1. See the MO NRCS "Stockpile/Stripgraze" Activity sheet.</p>									
<p>4. Payment can not be made on the same acres in the same years as any 'Patch Burn Used with Prescribed Grazing' option payment being made under EQIP or WHIP. 2. See the "Prescribed Grazing" conservation practice standard.</p>									
533	Number	Pumping Plant (S)						15 Years	
		Fuel Engine Pump	horsepower	\$ 132.16		\$ 158.59			
		Chopper or Screw or Sewage Pump	horsepower	\$ 674.63		\$ 809.55			
		<p>1. Payment for this practice is only authorized when included as a component of an existing CNMP. 2. The CNMP must have been developed (or updated if a CNMP already exists) and reference this practice, BEFORE technical or financial assistance is provided. 3. The type and size of the pump MUST be provided to the Area Conservationist at the time of application AND receive written approval from the Area Conservationist PRIOR to CPO development.</p>							
		Shallow (<25 feet) Draw Watering System	Number	\$ 1,129.00		\$ 1,355.00			
		Deep Draw Watering System	Number	\$ 1,691.00		\$ 2,030.00			
		<p>1. Payment for the above two options is only authorized when needed as a component of "Prescribed Grazing", "Access Control" &/or a CNMP (CNMP must have been developed [or updated if a CNMP already exists] and reference the need to replace an existing wellhead on the acres in this application). 2. Payment is authorized on grazing lands where the current water supply is inadequate, and the underground water supply is adequate in quantity and quality for the purpose to be served and can be developed at an economical cost. 3. Payment is not authorized under the 'Deep Draw Watering System' option for use with surface water sources.</p>							
		Well House	Number	\$ 471.00		\$ 565.00			
		<p>1. Payment is for housing only when used in conjunction with this FY10 EQIP application for the installation of a 'Shallow Draw' or 'Deep Draw' watering system, and when needed as a component of "Prescribed Grazing", "Access Control" &/or a CNMP (CNMP must have been developed [or updated if a CNMP already exists] and reference this practice on the acres in this application). 2. Payment is not available for previously installed watering systems or previously contracted watering systems.</p>							
		Alternative Energy (Solar or Wind) with Prescribed Grazing	Number	\$ 3,974.00		\$ 7,469.00			
<p>1. Payment for this option is only available when used in conjunction with new "Prescribed Grazing" systems; payment is not eligible on systems that currently meet the 528 Standard.</p>									
Flowmeter with Installation (System >100,000 gal/day)	Number	\$ 1,087.00		\$ 1,304.00					
<p>1. Payment is only authorized on land that has been irrigated 2 of the past 5 years prior to application for assistance AND on systems that have a >100,000 gallon per day capacity. 2. "Irrigation Water Management" is required in conjunction with this option.</p>									
<p>1. Payment is not authorized for electricity or a power unit or for PTO-driven pumps. 2. See the "Pumping Plant" conservation practice standard.</p>									

FY10 Missouri NRCS
EQIP Policies for the Lower Grand MRBI Project in Chariton County

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan
329	Acre	Residue & Tillage Mgmt - Notill/Strip Till (Adoption Period Required) (M)			\$ 15,000.00		\$ 18,325.00	1 Year
		No Till/Strip Till	Acre	\$ 35.20		\$ 43.00		
1. Acres must be continuously no-tilled/strip-tilled for two (2) entire/consecutive years (i.e., not necessarily two consecutive crops) to receive this payment, including double- or triple-cropped crops; first year payment is made the first year crop is no-till/strip till planted, second year payment is made the next year when the second crop is no-tilled/strip-tilled.								
1. See "Residue Management, No Till and Strip Till" conservation practice standard.								
391	Acre	Riparian Forest Buffer (S)	Acre	\$ 13.80		\$ 20.60		15 Years
1. See "Riparian Forest Buffer" conservation practice standard.								
390	Acre	Riparian Herbaceous Buffer (S)	Acre	\$ 20.60		\$ 24.80		10 Years
1. See "Riparian herbaceous Buffer" conservation practice standard.								
646	Acre	Shallow Water Development & Mgmt for Wildlife (S)						1 Year
		Flooding Duration Oct 15 (or Nov 1) to Feb 15	Acre	\$ 49.90		\$ 59.90		
		Flooding Duration Dec 1 to Feb 15	Acre	\$ 23.80		\$ 28.50		
1. See the MO NRCS "Shallow Water Management for Wildlife" Activity Sheet and the "Shallow Water Management for Wildlife" conservation standard.								
578	Number	Stream Crossing (S)						10 Years
		Gravel/Stone/Rock	sq ft	\$ 1.91		\$ 2.29		
		Concrete	sq ft	\$ 4.64		\$ 5.57		
1. Payment is only authorized as a component of the "Prescribed Grazing" or "Access Control" conservation practices. 2. Payment is limited to fencing, gravel, crushed stone, rip-rap rock, concrete, wood materials, geotextiles, and earth work to construct and protect stream crossings, landings, and trails; financial assistance is not available for bridges. 3. Stream crossings will be constructed at the same elevation as the channel bed. 4. Applicant will acquire all COE permits and wetland determinations before practice commencement. 5. See the "Stream Crossing" conservation practice standard.								
587	Number	Structure for Water Control (S)						20 Years
		Weir Box Structure - Pipe Diameter 15" or less	Number	\$ 1,745.00		\$ 2,094.00		
		Weir Box Structure - Pipe Diameter greater than 15"	Number	\$ 3,302.00		\$ 3,962.00		
		Stoplog Structure - Pipe Diameter 15" or less	Number	\$ 2,601.00		\$ 3,121.00		
		Stoplog Structure - Pipe Diameter greater than 15"	Number	\$ 4,606.00		\$ 5,527.00		
		Flap/Side Gate Structure - Pipe Diameter 15" or less	Number	\$ 1,485.00		\$ 1,782.00		
Flap/Side Gate - Pipe Diameter greater than 15"	Number	\$ 3,017.00		\$ 3,620.00				
1. Payment is authorized for water control structures when needed for "Drainage Water Management". 2. See the "Structure for Water Control" conservation practice standard.								

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan		
600	Feet	Terrace (S)						10 Years		
		Broadbase Non-Parallel with Closed Outlet	Feet	\$ 1.43		\$ 1.72				
		Broadbase Parallel with Closed Outlet	Feet	\$ 1.54		\$ 1.85				
		Broadbase Non-Parallel with Open Outlet	Feet	\$ 1.40		\$ 1.68				
		Broadbase Parallel with Open Outlet	Feet	\$ 1.14		\$ 1.37				
		Narrowbase with Closed Outlet	Feet	\$ 1.54		\$ 1.85				
		Narrowbase with Open Outlet	Feet	\$ 1.27		\$ 1.52				
		Steep Backslope with Closed Outlet	Feet	\$ 1.56		\$ 1.87				
		Steep Backslope with Open Outlet	Feet	\$ 1.17		\$ 1.40				
		Topsoiling	Feet	\$ 0.62		\$ 0.75				
1. See the "Terrace" conservation practice standard.										
612	Acre	Tree/Shrub Establishment (S)						15 Years		
		Bare Root Stock (trees &/or shrubs)	number	\$ 2.08		\$ 2.49				
		Container Stock (trees)	number	\$ 15.14		\$ 18.16				
		1. The above options will include chemical, mechanical or mulch for weed control.								
		Bare Root Stock (trees &/or shrubs) Using Weed Mat & Pins	number	\$ 1.51		\$ 1.81				
		Container Stock (trees) Using Weed Mat & Pins	number	\$ 14.57		\$ 17.48				
		1. The above two options will include weed mat & landscape pins for weed control.								
Tree/Shrub Seeds	Acre	\$ 221.50		\$ 265.80						
1. Bare Root and Container options require a minimum of three years weed control. 2. Container shrubs are eligible for payment at the 'Container Stock' payment only if used for (A) farmstead shelterbelt/windbreaks or (B) covey headquarters. 3. See the "Tree/Shrub Establishment" conservation practice standard.										
490	Acre	Tree/Shrub Site Preparation (S)						1 Year		
		Tree/Shrub Site Prep - Mechanical	Acre	\$ 38.70		\$ 46.40				
		Tree/Shrub Site Prep - Mechanical with Temporary Cover	Acre	\$ 72.50		\$ 87.00				
		Tree/Shrub Site Prep on Cropland - Chemical	Acre	\$ 16.50		\$ 19.80				
		Tree/Shrub Site Prep on Noncropland - Chemical	Acre	\$ 33.30		\$ 40.00				
1. When needed, payment is authorized for one chemical and one mechanical treatment; payment is NOT authorized for more than one chemical or more than one mechanical treatment. 2. See the "Tree/Shrub Site Preparation" conservation practice standard.										
620	Feet	Underground Outlet (S)						20 Years		
		Pipe Diameter Less than 6" is Required	Feet	\$ 1.86		\$ 2.23				
		Pipe Diameter - 6" thru 8" is Required	Feet	\$ 2.51		\$ 3.01				
		Pipe Diameter - 10" is Required	Feet	\$ 4.08		\$ 4.90				
		Pipe Diameter Greater than 10" is Required	Feet	\$ 5.29		\$ 6.34				
1. See the "Underground Outlet" conservation practice standard.										

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan
313	Number	Waste Storage Facility (S) 1/						15 Years
		Solids - Existing or Low Expansion (see item 3)	sq ft	\$ 5.71	2/	\$ 6.85	2/	
		Solids - Medium Expansion (see item 3)	sq ft	\$ 4.57	2/	\$ 6.47	2/	
		Solids - High Expansion or All Other Operations (see item 3)	sq ft	\$ 3.05	2/	\$ 4.95	2/	
		LidTank/SmallConcreteTank(<15,000 cu ft) - Existing or Low Expan	cu ft	\$ 5.63	2/	\$ 6.76	2/	
		LidTank/SmallConcreteTank(<15,000 cu ft) - Medium Expansion	cu ft	\$ 4.51	2/	\$ 6.38	2/	
		LidTank/SmallConcreteTank (<15,000 cu ft) - HighExpansion or All Other Operations	cu ft	\$ 3.00	2/	\$ 4.88	2/	
		Concrete Liquids(15,000-100,000 cuft) - Existing or Low Expansion	cu ft	\$ 1.51	2/	\$ 1.81	2/	
		Concrete Liquids(15,000-100,000 cuft) - Medium Expansion	cu ft	\$ 1.21	2/	\$ 1.71	2/	
		Concrete Liquids(15,000-100,000 cuft) - High Expan or All Other Ops	cu ft	\$ 0.80	2/	\$ 1.31	2/	
		Concrete Liquids Storage >100,000 cu ft - Existing or Low Expan	cu ft	\$ 0.81	2/	\$ 0.98	2/	
		Concrete Liquids Storage >100,000 cu ft - Medium Expansion	cu ft	\$ 0.65	2/	\$ 0.92	2/	
		Concrete Liquids Storage >100,000 cu ft - High Expan or All Others	cu ft	\$ 0.43	2/	\$ 0.71	2/	
		Glass Lined Liquids - Existing or Low Expansion	cu ft	\$ 1.36	2/	\$ 1.63	2/	
		Glass Lined Liquids - Medium Expansion	cu ft	\$ 1.09	2/	\$ 1.54	2/	
		Glass Lined Liquids - High Expansion or All Other Operations	cu ft	\$ 0.72	2/	\$ 1.18	2/	
		Earthen Basin Liquids - Existing or Low Expansion	1000 cu ft	\$ 156.44	2/	\$ 187.73	2/	
		Earthen Basin Liquids - Medium Expansion	1000 cu ft	\$ 125.15	2/	\$ 177.30	2/	
		Earthen Basin Liquids-High Expansion or All Other Operations	1000 cu ft	\$ 83.43	2/	\$ 135.58	2/	
		Beef & Dairy Facility Scrape Alley - Existing or Low Expansion	alley sq ft	\$ 6.49	2/	\$ 7.79	2/	
Beef & Dairy Facility Scrape Alley - Medium Expansion	alley sq ft	\$ 5.20	2/	\$ 7.36	2/			
Beef & Dairy Fac Scrape Alley - High Expansion or All Other Ops	alley sq ft	\$ 3.46	2/	\$ 5.63	2/			
<p>1. The Beef & Dairy options are for improvements such as concrete pavements, stormwater diversion & manure collection. 2. This option may be used on other animals only if provided to the Area Conservationist in writing at the time of application (when CPA-1200 is signed) AND receive written approval from the Area Conservationist prior to CPO development.</p>								
<p>1. Payment for this practice is only authorized when included as a component of an existing CNMP, where waste is generated by agricultural production or processing. 2. The CNMP must have been developed (or updated if a CNMP already exists) and reference this practice, BEFORE technical or financial assistance is provided. 3. Payment for a stacking shed is only available when used for dry waste handling systems (e.g., poultry, scrape system, pack bedding). 4. Construction of roofing over an existing or new livestock holding (temporary) or manure/litter storage areas may be eligible for payment under Beef & Dairy facility, if the proposed installation has been provided to the Area Conservationist in writing at the time of application (when CPA-1200 is signed) AND receive written approval from the Area Conservationist prior to CPO development. 5. Payment is not authorized for roofing over an area typically used for housing, feeding and/or bedding of livestock (such as dairy free stall buildings, dairy milking parlors, swine houses, or poultry houses). 6. See the "Waste Storage Facility" conservation practice standard.</p>								

FY10 Missouri NRCS
EQIP Policies for the Lower Grand MRBI Project in Chariton County

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan
633	Acre	Waste Utilization (Adoption Period Required) (M)	100 cu ft	\$ 17.94		\$ 21.53		1 Year
<p>1. Payment is only authorized for uses other than fertilization of crops, pasture, or haylands (examples of usage: energy production, processing, etc); payment will be based on 100 cubic foot increments of the manure or litter being used for an activity NOT related to fertilization.</p> <p>2. The specific use <i>MUST</i> be FAX'ed (573-876-0913) to the State Resource Conservationist (SRC) at the time of application (when CPA-1200 is signed) AND receive written approval from the SRC prior to CPO development.</p> <p>3. See the "Waste Utilization" conservation practice standard.</p>								
638	Number	Water and Sediment Control Basin (S)						10 Years
		When Using UGO	cu yds fill	\$ 2.09		\$ 2.50		
		When Using Principal Spillway Pipe	cu yds fill	\$ 2.54		\$ 3.05		
1. See the "Water and Sediment Control Basin" conservation practice standard.								
614	Number	Watering Facility (S)						20 Years
		Portable/Seasonal Watering Tank	Number	\$ 99.00		\$ 119.00		
		Permanent Watering Tank	Number	\$ 980.00		\$ 1,175.00		
		1. Payment is only authorized for watering tank(s) as a component of "Prescribed Grazing" and/or "Access Control" to provide watering facilities for livestock at selected locations that will protect vegetative cover through proper distribution of grazing or to reduce/eliminate livestock use of existing streams or ponds for water.						
		Watering Facility for Wildlife	Number	\$ 478.00		\$ 574.00		
1. Payment is authorized when needed to provide adequate drinking water for wildlife during critical periods.								
1. See the "Watering Facility" conservation practice standard.								
659	Acre	Wetland Enhancement (S)	cu yds	\$ 1.31		\$ 1.58		15 Years
1. See the "Wetland Enhancement" conservation practice standard.								
657	Acre	Wetland Restoration (S)	cu yds	\$ 1.31		\$ 1.58		15 Years
1. See the "Wetland Restoration" conservation practice standard.								

FY10 Missouri NRCS
EQIP Policies for the Lower Grand MRBI Project in Chariton County

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan
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.						
2/		A financial assistance limit of \$21,000 (of \$26,250 for HU applicant) applies to those EQIP offers where the applicant does not directly control (i.e., is not the direct owner or operator) livestock production. Requests in which the applicant directly controls the production of waste/litter are not subject to these financial assistance limits.						
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)						
4/		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). Maximum Amounts for the contract are not intended for multiple offers 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 AD-1026A forms). HU 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).						
CNMP		Comprehensive Nutrient Management Plan						
M		Conservation activities that generally require site-specific management techniques and/or methods, and have a practice lifespan of one year. In <i>some cases</i> , 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.						
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.						
TSP		Technical Service Provider (http://techreg.usda.gov/)						
USDA AU		USDA Animal Unit is defined in the Technical Service Provider (TSP), Not to Exceed website (http://techreg.usda.gov/) under TSP NTE Help.						

**Chariton County- Lower Grand CCPI-MRBI- EQIP
Missouri Environmental Quality Incentives Program (EQIP)
2010 EQIP CCPI-MRBI Data Form**

Applicant(s):

Date:

Address:

Farm Number:

Tract Number:

Acres in Application:

LRF: Beginning Farmer:

Socially Disadvantaged:

Livestock Type:

Answer each question below, considering conservation practices planned to receive MRBI EQIP financial assistance. All applicants must sign a CPA-1200 in addition to this form to be considered for MRBI EQIP funding.

NRCS National Conservation Priorities

1a	Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	Yes	No
1b	Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated impaired water body?	Yes	No
1c	Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a water body?	Yes	No
2a	Increase groundwater recharge in identified groundwater depletion areas (http://water.usgs.gov/ogw/rasa/html/TOC.html)?	Yes	No
2b	Conserve water from irrigation system improvements and result in estimated water savings of at least 5% and saved water will be available for other beneficial uses?	Yes	No
2c	Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	Yes	No
3a	Meet regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	Yes	No
3b	Reduce green house gases such as methane, nitrous oxide, and volatile organic compounds (VOC)?	Yes	No
3c	Increase carbon sequestration?	Yes	No
4a	Reduce erosion to tolerable limits (Soil "T")?	Yes	No
5a	Benefit threatened and endangered, at-risk, candidate, or species of concern as identified in a State wildlife plan?	Yes	No
5b	Retain wildlife and plant benefits on land exiting the Conservation Reserve Program (CRP)?	Yes	No
6a	Eradicate or control noxious or invasive species?	Yes	No
6b	Increase, improve or establish pollinator habitat?	Yes	No
6c	Properly dispose of animal carcasses?	Yes	No
6d	Implement an Integrated Pest Management plan?	Yes	No
6e	Implement precision agricultural methods?	Yes	No
7a	Reduce energy consumption on the agricultural operation?	Yes	No
8a	Implementation of all planned conservation practices within three years of contract obligation?	Yes	No
8b	Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted, or will complete an existing conservation system?	Yes	No
9a	If the applicant has an existing EQIP contract, has it been, and is it now, on schedule and in full compliance?	Yes	No
9b	Did the applicant successfully complete any past contract(s) in full compliance?	Yes	No
9c	Is this the applicant's first EQIP application?	Yes	No

Missouri MRBI State Issues

1	MRBI planned practices on existing cropland acres include a conservation practice that will reduce sheet &/or rill erosion to "T" on at least 50% of the eligible acres. (5 points)	Yes	No
2	MRBI planned practices benefit a threatened or endangered or rare species (see eFOTG Section II) on at least 10% of the eligible acres. (5 points)	Yes	No
3	MRBI planned practices includes (590) Nutrient Management on at least 50% of the eligible acres. (5 points)	Yes	No
4	MRBI planned practices will benefit water quality by excluding livestock from ALL perennial streams and other permanent water course/bodies that are currently not excluded from livestock. (5 points)	Yes	No
5	MRBI planned practices include the installation of at least four paddocks in accordance with (528) Prescribed Grazing (i.e., "Managed Intensive Grazing") where there is no current MIG system on the acres. (5 points)	Yes	No

**Missouri Environmental Quality Incentives Program (EQIP)
2010 EQIP CCPI-MRBI Data Form**

Local MRBI Issues

1	Will all cropland acres in the contract be treated to or below "T"? (10 points)	Yes	No
2	Will existing ephemeral gully erosion be controlled? (10 points)	Yes	No
3	Will all upland cropland fields in the contract be reducing sheet and rill soil loss by 3 tons per acre or more? (10 points)	Yes	No
4	Will field borders be installed on at least 50% of the fields in areas necessary to benefit water quality? (10 points)	Yes	No
5	Will eligible fields have Filter Strips or Riparian Forest Buffers? (10 points)	Yes	No
6	Will new technologies for variable rate nitrogen application be implemented on 10% of the NHEL acres? (10 points)	Yes	No
7	Will variable rate technology be used for "P", "K", and lime on 50% or more of the contract acres or will basic Nutrient Management be used on pasture applications? (10 points)	Yes	No
8	Will Cover Crops be adopted on 25% of the cropland acres in the contract? (15 points)	Yes	No
9	Will a wetland or shallow water development be installed? (5 points)	Yes	No
10	Will wheat or a grass or legume be added to the crop rotation or a legume added to pasture to reduce Nitrogen application? (5 points)	Yes	No
11	Has the landowner adopted at least 3 core MRBI practices? (5 points)	Yes	No
12	Will the landowner have edge of field water quality monitoring in the contract? (15 points)	Yes	No
13	Does the applicant meet Historically Underserved criteria? (5 points)	Yes	No
14	Will the applicant adopt a Prescribed Grazing system with 4 or more paddocks? (5 points)	Yes	No
15	Will the applicant adopt a Prescribed Grazing system with 8 or more paddocks? (5 points)	Yes	No
16	Will livestock be excluded from continuous stream access? (5 points)	Yes	No
17	Does landowner meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures (if applicable)? (10 points)	Yes	No
18	Tiebreaker: Will the applicant plant wheat or leave cropland idle to facilitate summer construction of structural practices? (1 point)	Yes	No

**Missouri Environmental Quality Incentives Program (EQIP)
2010 EQIP CCPI-MRBI Data Form**

Planned Conservation Practices using MRBI funds

The following list contains conservation practices eligible for 2010 MRBI EQIP in this specific funding pool. List the field(s) for each conservation practice(s) that is planned for financial assistance through this MRBI EQIP application.

313 Waste Storage Facility	528 Prescribed Grazing
327 Conservation Cover	533 Pumping Plant
328 Conservation Crop Rotation	554 Drainage and Water Management
329 Residue and Tillage Management	561 Heavy Use Area Protection
340 Cover Crop	578 Stream Crossing
342 Critical Area Planting	587 Structure for Water Control
362 Diversion	590 Nutrient Management
382 Fence	600 Terrace
386 Field Border	612 Tree/Shrub Establishment
390 Riparian Herbaceous Buffer	614 Watering Facility
391 Riparian Forest Buffer	620 Underground Outlet
393 Filter Strip	633 Waste Utilization
410 Grade Stabilization Structure	638 Water and Sediment Control Basin
412 Grassed Waterway	646 Shallow Water Development and Management
472 Access Control	657 Wetland Restoration
490 Forest Site Preparation	659 Wetland Enhancement
512 Pasture and Hay Land Planting	799 Monitoring and Evaluation
516 Pipeline	

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