

## Livingston & Carroll MRBI 2010 Environmental Quality Incentives Program (EQIP) Policies

### Draft POLICIES 7/29/2010

**This FY10 EQIP-MRBI 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.**

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).

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. Please note how long the "Adoption Period Required" length is for each "Adoption Period Required" practices.

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 practice from the Supporting practice list can be selected!!!**

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan
102	Number	<b>Comprehensive Nutrient Management Plan (CNMP)</b>						1 Year
		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).								

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan			
102 Continued	Number	<b>Comprehensive Nutrient Management Plan (CNMP) Continued</b>						1 Year			
		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>											
328	Acre	<b>Conservation Crop Rotation (M)</b>			\$ 3,500.00		\$ 7,875.00	1 Year			
		<b>Adding Grass and/or Legume</b>	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 &amp;/or forage legume stand).</p> <p>2. See the "Conservation Crop Rotation" conservation practice standard.</p>											
340	Acre	<b>Cover Crop (M)</b>			\$ 7,500.00		\$ 9,375.00	1 Year			
		<b>Chemical Termination of Winter Cover Crop</b>	Acre	\$ 44.00		\$ 60.90					
		1. Payment includes cover crop seed; broadcast seeding; cultipacking, rolling, harrowing; and termination of the cover crop with herbicide application.									
		<b>Chemical Terminate - Temp/Legume Cover Crop for Nitrogen Mgmt</b>	Acre	\$ 39.60		\$ 54.80					
		1. Payment includes cover crop seed; broadcast seeding; cultipacking, rolling, harrowing; and termination of the cover crop with herbicide application.									
		<b>Tillage Terminate - Temp/Legume Cover Crop for Nitrogen Mgmt</b>	Acre	\$ 43.90		\$ 60.60					
<p>1. See applicable MO NRCS "Cover Crop" Activity Sheet.</p> <p>2. Payment includes cover crop seed; broadcast seeding; cultipacking, rolling, harrowing; and termination of the cover crop with tillage.</p>											
<p>1. This is a one time only payment (not to exceed the Maximum Amount).</p> <p>2. See the "Cover Crop" conservation practice standard.</p>											

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan	
332	Acre	<b>Contour Buffer Strips (M)</b>						10 Years	
		<b>Non-Wildlife Friendly species</b>	Acre	\$ 27.80		\$ 41.80			
		1.Payment is compensation for land removed from production at buffer strip locations. Payment for the materials, equipment, installation and labor for the vegetative planting and stable outlets is provided through associated practices.							
		<b>Wildlife Friendly Species</b>	Acre	\$ 56.90		\$ 85.30			
1.Payment is only authorized if seed mixtures contain multiple grass species (3 or more) with 80 percent or more of the pure live seed rated good to excellent for wildlife habitat and erosion control. 2. Payment is compensation for land removed from production at buffer strip locations. Payment for the materials, equipment, installation and labor for the vegetative planting and stable outlets is provided through associated practices.									
1. This is a one time only payment. 2. See the "Contour Buffer Strip" conservation practice standard.									
554	Acre	<b>Drainage Water Mgmt (Adoption Period Required) (M)</b>	Acre	\$ 7.50	\$ 1,200.00	\$ 10.40	\$ 1,665.00	1 Year	
1. This practice is only authorized on drainage systems in place when the 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 EQIP 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. This payment is available for a 2 year "adoption period required" payment. 5. See the "Drainage Water Management" conservation practice standard.									
393	Acre	<b>Filter Strip (M)</b>	Acre	\$ 54.50		\$ 81.80		10 years	
1. This is a one time only payment. 2. Payment is compensation for land removed from production to install the filter strip. Payment for the materials, equipment, installation and labor for vegetative planting is provided through associated practices. 3. See the "Filter Strip" conservation practice standard.									
412	Acre	<b>Grassed Waterway (S)</b>	Acre	\$ 2,007.50		\$ 2,416.80		10 Years	
1. See the "Grassed Waterway" conservation practice standard.									
590	Acre	<b>Nutrient Management (Adoption Period Required) (M)</b>			\$ 25,000.00		\$ 31,250.00	1 Year	
		<b>Split Nitrogen Application &amp; Management</b>	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.							
		<b>Variable Rate Technology</b>	Acre	\$ 12.00		\$ 16.70			
1.Payment for the application of P & K using variable rate technology for long-term analysis of grid soil sampling.									
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. 2. Only one Nutrient Management option can be selected for payment per field, not to exceed the Maximum Amount. 3. This payment is available for a 1 or 2 year "adoption period required" payment. 4. See the "Nutrient Management" 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	
512	Acre	<b>Pasture and Hayland Planting (S)</b>			\$ 15,000.00		\$ 18,750.00	5 Years	
		<b>Cropland to Cool Season Grasses (CSG) or CSG &amp; Legumes</b>	Acre	\$ 119.60		\$ 143.50			
		1. Payment includes cool season grass or cool season grass and legume seed, soil test, single application chemical or single pass mechanical site preparation, seeding, and spreading.							
		<b>Cropland to Warm Season Grasses (WSG)</b>	Acre	\$ 165.70		\$ 198.90			
		1. Payment includes warm season grass seed, soil test, single application chemical or single pass mechanical site preparation, seeding, and spreading.							
		<b>Fertilizer - Nitrogen</b>	pound	\$ 0.37		\$ 0.56			
		<b>Fertilizer - Phosphorus</b>	pound	\$ 0.34		\$ 0.50			
		<b>Fertilizer - Potash</b>	pound	\$ 0.34		\$ 0.51			
		<b>Lime - ENM</b>	per 100#	\$ 1.66		\$ 2.49			
1. Payment is authorized for fertilizer & lime when applied according to soil test recommendation .									
1. Payment for the above options is authorized on acres currently used for cultivated cropland production. 2. See the "Pasture and Hayland Planting" conservation practice standard.									
528	Acre	<b>Prescribed Grazing (Adoption Period Required) (M)</b>			\$ 10,000.00		\$ 12,500.00	1 Year	
		<b>New Grazing System or Improving an Existing Grazing System</b>	Acre	\$ 13.70		\$ 16.40			
		1. New grazing systems must establish a minimum of 4 new paddocks to be eligible.							
		<b>Stockpiling and Stripgrazing</b>	Acre	\$ 51.00		\$ 61.20			
1. See the MO NRCS "Stockpile/Stripgraze" Activity sheet.									
1. This is a one-time only payment. 2. No more than three separate 'Adoption Period Required' options may be combined per acre. 3. See the "Prescribed Grazing" conservation practice standard.									
329	Acre	<b>Residue &amp; Tillage Mgmt - Notill/Stripill (Adoption Period Required) (M)</b>			\$ 15,000.00		\$ 18,325.00	1 Year	
		<b>No Till/Strip Till</b>	Acre	\$ 35.20		\$ 43.00			
1. Acres must be continuously no-tilled/strip-tilled for two (2) consecutive years with a crop rotation of 2 different crops to receive this payment.									
1. This payment is available for a 2 year "adoption period required" payment. 2. See "Residue Management, No Till and Strip Till" conservation practice standard.									
391	Acre	<b>Riparian Forest Buffer (Adoption Period Required) (M)</b>	Acre	\$ 13.80		\$ 20.60		15 years	
1. See the "Riparian Forest Buffer" conservation practice standard.									
585	Acre	<b>Stripcropping (Adoption Period Required) (M)</b>						5 years	
		<b>Stripcropping Two Crops</b>	Acre	\$ 4.10		\$ 4.90			
		<b>Stripcropping Three Crops</b>	Acre	\$ 4.70		\$ 9.40			
1. This payment is available for a 2 year "adoption period required" payment. 2. See the "Stripcropping" conservation practice standard.									
600	Feet	<b>Terrace (S)</b>			\$ 25,000.00		\$ 30,000.00	10 Years	
		<b>Broadbase Non-Parallel with Closed Outlet</b>	Feet	\$ 1.43		\$ 1.72			
		<b>Broadbase Parallel with Closed Outlet</b>	Feet	\$ 1.54		\$ 1.85			
		<b>Broadbase Non-Parallel with Open Outlet</b>	Feet	\$ 1.40		\$ 1.68			
		<b>Broadbase Parallel with Open Outlet</b>	Feet	\$ 1.14		\$ 1.37			
		<b>Narrowbase with Closed Outlet</b>	Feet	\$ 1.54		\$ 1.85			
		<b>Narrowbase with Open Outlet</b>	Feet	\$ 1.27		\$ 1.52			
		<b>Steep Backslope with Closed Outlet</b>	Feet	\$ 1.56		\$ 1.87			
		<b>Steep Backslope with Open Outlet</b>	Feet	\$ 1.17		\$ 1.40			
		<b>Topsoiling</b>	Feet	\$ 0.62		\$ 0.75			
1. See the "Terrace" 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
633	Acre	<b>Waste Utilization (Adoption Period Required) (M)</b>	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. This is a one-time only payment.</p> <p>4. See the "Waste Utilization" conservation practice standard.</p>								
657	Cu Yds	<b>Wetland Restoration (S)</b>	Cu yd	\$ 1.31		\$ 1.58		15 Years
<p>1. Payment is authorized to restore the wetland values, functions, and habitat, as required by an approved Wetland Wildlife Habitat Management Plan.</p> <p>2. See the "Wetland Restoration" conservation practice standard.</p>								
799	Number	<b>Monitoring and Evaluation</b>						
		Edge of Field Flow Monitoring Surface Flow Equipment	number	\$ 11,099.00		\$ 13,319.00		
		Edge of Field Flow Monitoring Terrace UGO Flow Equipment	number	\$ 4,030.00		\$ 4,836.00		
		Edge of Field Flow Monitoring Drain Tile Flow Equipment	number	\$ 4,514.00		\$ 5,417.00		
		Edge of Field Monitoring Weather Station Equipment	number	\$ 523.00		\$ 628.00		
		Edge of Field Flow Monitoring Data Collection	number	\$ 716.00		\$ 859.00		
		Edge of Field Water Sampling Portable Sampler	number	\$ 3,028.00		\$ 3,634.00		
		Edge of Field Water Sampling Data Collection	number	\$ 14,216.00		\$ 17,059.00		
		In Field Monitoring Pre-Plant Soil Testing	acre	\$ 3.11		\$ 3.73		
		In Field Monitoring Pre-Sidedress (late-spring) Soil Testing	acre	\$ 3.11		\$ 3.73		
		In Field Monitoring Crop Canopy Color Sensing	acre	\$ 12.85		\$ 15.42		
		In Field Monitoring In Season Crop Tissue Testing	acre	\$ 4.12		\$ 4.94		
		In Field Monitoring Cornstalk Nitrate Tissue Testing	per field	\$ 366.30		\$ 439.56		
In Field Monitoring Soil Health Testing	per test	\$ 82.00		\$ 99.00				
1. See the "Monitoring and Evaluation" interim 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	
<b>Supporting Practice List: You must select 1 core practice from list above before you can select a Supporting Practice.</b>									
472	Acre	<b>Access Control (S)</b>	Acre	\$ 60.00	\$ 6,240.00	\$ 90.00	\$ 9,360.00	10 Years	
<p>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 &amp;/or woodlands, ONLY IF livestock currently have access to the area to be excluded at the time of EQIP application.</p> <p>2. Payment is based on the number of acres protected from livestock, not to exceed the Maximum Amount.</p> <p>3. See the "Access Control" conservation practice standard.</p>									
327	Acre	<b>Conservation Cover (S)</b>			\$ 10,000.00		\$ 12,500.00	5 Years	
		<b>Cool Season Grasses &amp;/or Legumes</b>	Acre	\$ 75.30		\$ 90.30			
		1. Payment includes seed, soil test, site preparation (mechanical &/or chemical), seeding with a conventional or no-till or planter, and spreading.							
		<b>Warm Season Grasses &amp;/or Legumes</b>	Acre	\$ 144.20		\$ 173.00			
		1. Payment includes seed, soil test, site preparation (mechanical &/or chemical), seeding with a conventional or no-till or planter, and spreading.							
		<b>Native Forbs for Quail Habitat</b>	pound	\$ 25.19		\$ 30.22			
		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.							
		<b>Forbs for Pollinator Habitat Using Missouri Source Identified</b>	Acre	\$ 198.80		\$ 238.50			
		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.							
		<b>Forbs for Quail Habitat Using Missouri Source Identified</b>	pound	\$ 36.38		\$ 43.65			
		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.							
<b>Fertilizer - Nitrogen</b>	pound	\$ 0.37		\$ 0.56					
<b>Fertilizer - Phosphorus</b>	pound	\$ 0.34		\$ 0.50					
<b>Fertilizer - Potash</b>	pound	\$ 0.34		\$ 0.51					
<b>Lime - ENM</b>	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 Conservation Cover seeding									
<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>									

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan	
342	Acre	<b>Critical Area Planting (S)</b>						10 Years	
		<b>Cool Season Grasses (CSG) With Mulching</b>	Acre	\$ 462.10		\$ 554.60			
		Payment includes seed, lime (1000 lbs/ac), fertilizer (N at 60 lbs/ac; P at 90 lbs/ac; K at 90 lbs/ac), mulch, mechanical site preparation, seeding with a conventional or no till drill or planter and spreading.							
		<b>Warm Season Grasses (WSG) With Mulching</b>	Acre	\$ 530.70		\$ 636.80			
		Payment includes seed, lime (1000 lbs/ac), fertilizer (N at 60 lbs/ac; P at 90 lbs/ac; K at 90 lbs/ac), mulch, mechanical site preparation, seeding with a conventional or no till drill or planter and spreading.							
		<b>CSG With Companion Crop or Into Existing Residue</b>	Acre	\$ 258.50		\$ 310.20			
		Payment includes cool season grass seed, companion crop seed, lime (1000 lbs/ac), fertilizer (N at 60 lbs/ac; P at 90 lbs/ac; K at 90 lbs/ac), mechanical site preparation, seeding with a conventional or no till drill or planter and spreading.							
		<b>WSG With Companion Crop or Into Existing Residue</b>	Acre	\$ 327.10		\$ 392.50			
Payment includes warm season grass seed, companion crop seed, lime (1000 lbs/ac), fertilizer (N at 60 lbs/ac; P at 90 lbs/ac; K at 90 lbs/ac), mechanical site preparation, seeding with a conventional or no till drill or planter and spreading.									
1. See the "Critical Area Planting" conservation practice standard.									
362	Feet	<b>Diversion (S)</b>						10 Years	
		<b>Small - &lt;=2000 cubic yards earthfill &amp;/or &lt;=1400 ft in length</b>	Feet	\$ 1.46		\$ 1.75			
		<b>Large - &gt;2000 cubic yards earthfill &amp;/or &gt;1400 ft in length</b>	Feet	\$ 1.29		\$ 1.54			
1. See the "Diversion" conservation practice standard.									
382	Feet	<b>Fence (S)</b>						20 Years	
		<b>Fence - Single Strand Hi-Tensile</b>	Feet	\$ 0.62		\$ 0.75			
		1. One strand hi-tensile electric wire used as cross-fence or for exclusion barrier (temporary fence not eligible).							
		<b>Fence - Multi Strand Permanent</b>	Feet	\$ 1.51		\$ 1.81			
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.									
1. This practice is only authorized as a component of a "Prescribed Grazing", and/ or "Access Control" 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.									
2. This practice will not be used for exterior fencing of a property.									
3. See the "Fence" conservation practice standard.									
386	Feet	<b>Field Border (S)</b>			\$1,250.00		\$ 2,085.00	10 Years	
		<b>Width - 20 to 30 feet</b>	Feet	\$ 0.02		\$ 0.04			
		<b>Width - =&gt; 30 feet</b>	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. Payment is compensation for loss of production land. Payment for establishment of the field border is through an associated seeding practice.									
3. See the "Field Border" 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
410	Number	<b>Grade Stabilization Structure (S)</b>			\$ 10,000.00		\$ 12,000.00	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.								
561	Acre	<b>Heavy Use Area Protection (S)</b>						10 Years
		Gravel - Light (with Site Prep, 6" of Gravel & Geotextile Fabric)	sq yd	\$ 4.37		\$ 6.05		
		Gravel - Heavy (with Site Prep, 6-12" 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.								
449	Acre	<b>Irrigation Water Mgmt (M)</b>	Acre	\$ 6.50	\$ 2,500.00	\$ 8.90	\$ 3,425.00	1 year
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-DD, 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. This payment is only available for 1 year on each of contract acres . 4. See the "Irrigation Water Management" conservation practice standard.								
516	Feet	<b>Pipeline (S)</b>						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		
		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.						
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.								
646	Acre	<b>Shallow Water Development &amp; Mgmt for Wildlife (M)</b>	Acre	\$ 49.90	\$ 2,500.00	\$ 59.90	\$ 3,850.00	1 Years
1. See the MO NRCS "Shallow Water Management for Wildlife" Activity Sheet and the "Shallow Water Management for Wildlife" conservation standard.								
587	Number	<b>Structure for Water Control (S)</b>						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" and/or for "Irrigation System - Surface and Subsurface." 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	
612	Acre	<b>Tree/Shrub Establishment (S)</b>						15 Years	
		<b>Bare Root Stock (trees &amp;/or shrubs)</b>	number	\$ 2.08		\$ 2.49			
		<b>Container Stock (trees)</b>	number	\$ 15.14		\$ 18.16			
		1. The above options will include chemical, mechanical or mulch for weed control.							
		<b>Bare Root Stock (trees &amp;/or shrubs) Using Weed Mat &amp; Pins</b>	number	\$ 1.51		\$ 1.81			
		<b>Container Stock (trees) Using Weed Mat &amp; Pins</b>	number	\$ 14.57		\$ 17.48			
		1. The above two options will include weed mat & landscape pins for weed control.							
		<b>Tree/Shrub Seeds</b>	Acre	\$ 221.50		\$ 265.80			
<p>1. Bare Root and Container options require a minimum of three years weed control.</p> <p>2. Container shrubs are eligible for payment at the 'Container Stock' payment only if used for (A) farmstead shelterbelt/windbreaks or (B) covey headquarters.</p> <p>3. See the "Tree/Shrub Establishment" conservation practice standard.</p>									
490	Acre	<b>Tree/Shrub Site Prep (S)</b>						1 Year	
		<b>Tree/Shrub Site prep- Mechanical</b>	Acre	\$ 38.70		\$ 46.40			
		<b>Tree/Shrub Site Prep- Mechanical with Temporary Cover</b>	Acre	\$ 72.50		\$ 87.00			
		<b>Tree/Shrub Site Prep on cropland- Chemical</b>	Acre	\$ 16.50		\$ 19.80			
		<b>Tree/Shrub Site Prep on noncropland- Chemical</b>	Acre	\$ 33.30		\$ 40.00			
<p>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.</p> <p>2. See the "Tree/Shrub Site Preparation" conservation practice standard.</p>									
620	Feet	<b>Underground Outlet (S)</b>						20 Years	
		<b>Pipe Diameter Less than 6" is Required</b>	Feet	\$ 1.86		\$ 2.23			
		<b>Pipe Diameter - 6" thru 8" is Required</b>	Feet	\$ 2.51		\$ 3.01			
		<b>Pipe Diameter 10" is Required</b>	Feet	\$ 4.08		\$ 4.90			
		<b>Pipe Diameter Greater than 10" is Required</b>	Feet	\$ 5.29		\$ 6.34			
1. See the "Underground Outlet" conservation practice standard.									
638	Number	<b>Water and Sediment Control Basin (S)</b>						10 Years	
		<b>When Using UGO</b>	cu yds fill	\$ 2.09		\$ 2.50			
		<b>When Using Principal Spillway Pipe</b>	cu yds fill	\$ 2.54		\$ 3.05			
1. See the "Water and Sediment Control Basin" conservation practice standard.									
614	Number	<b>Watering Facility (S)</b>			\$ 5,000.00		\$ 5,875.00	20 Years	
		<b>Portable/Seasonal Watering Tank</b>	Number	\$ 99.00		\$ 119.00			
		<b>Permanent Watering Tank</b>	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.							
1. See the "Watering Facility" 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
<b>Footnotes and Acronym Information</b>								
1/		An <b>Existing</b> 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 <b>Expanding</b> 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/		<b>All Other</b> 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).						
<b>CNMP</b>		Comprehensive Nutrient Management Plan						
<b>M</b>		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.						
<b>S</b>		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.						
<b>TSP</b>		Technical Service Provider ( <a href="http://techreg.usda.gov/">http://techreg.usda.gov/</a> )						
<b>USDA AU</b>		USDA Animal Unit is defined in the Technical Service Provider (TSP), Not to Exceed website ( <a href="http://techreg.usda.gov/">http://techreg.usda.gov/</a> ) under TSP NTE Help.						

**Livingston and Carroll Counties - 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 ( <a href="http://water.usgs.gov/ogw/rasa/html/TOC.html">http://water.usgs.gov/ogw/rasa/html/TOC.html</a> )?	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 State MRBI 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	Applicant has provided documentation that supports their proclaimed Historically Underserved status as meeting the applicable Beginning Farmer (BF), Limited Resource Farmer (LRF) and /or Socially Disadvantaged Farmer (SDF) funding? (5 points)	Yes	No
2	Has it been more than 3 years since receiving cost-share assistance either through EQIP or the State Cost-Share program? (5 points)	Yes	No
3	Is the location of the practice you would like to implement within a 1-mile radius of a Public Water Supply well-head? (See Maps) (5 points)	Yes	No
4	Are you applying for the Water Quality Monitoring & Evaluation (799) practice? (5 points)	Yes	No
5	If you are applying for Monitoring (799), are you going to do edge of field monitoring on BOTH fields that have water quality practices applied AND fields that do not have water quality practices applied? (5 points)	Yes	No
6	Are you signing up for the offered Terrace (600) practice? (3 Points)	Yes	No
7	Are you signing up for a Nutrient Management practice (595) on at least 50% of the offered acres? (2 Points)	Yes	No
8	Are you signing up for the Prescribed Grazing practice (528)? (1 Point)	Yes	No
9	Application includes the Terrace (600) practice on acres that will allow summer (June-August) construction? (2 Points)	Yes	No
10	Does at least 85% of the EQIP offered acres have a history of a high residue crop or a high plant biomass producing crop 1 out of the last 3 years? (1 Point)	Yes	No
11	Application includes the Terrace (600) practice that will outlet into a Grassed Waterway (412) and/or the Underground Outlet (620) practice which will outlet vertically into a vegetated area at least 60 feet from the stream channel. (1 Point)	Yes	No

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

**Planned Conservation Practices**

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.

327 Conservation Cover	516 Pipeline
328 Conservation Crop Rotation	528 Prescribed Grazing
329 Residue and Tillage Management	554 Drainage and Water Management
332 Contour Buffer Strip	561 Heavy Use Area Protection
340 Cover Crop	585 Strip Cropping
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
391 Riparian Forest Buffer	614 Watering Facility
393 Filter Strip	620 Underground Outlet
410 Grade Stabilization Structure	633 Waste Utilization
412 Grassed Waterway	638 Water and Sediment Control Basin
449 Irrigation Water Management	646 Shallow Water Development and Management
472 Access Control	657 Wetland Restoration
490 Forest Site Preparation	799 Monitoring and Evaluation
512 Pasture and Hay Land Planting	

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# Livingston & Carroll MRBI 2010 Wildlife Habitat Incentives Program (WHIP) Policies

## Final Policies 7/20/2010

**This is a summary of the conservation practices and options available for 2010 Wildlife Habitat Incentives Program (WHIP) financial assistance at this time. This FY10 WHIP Policy is based on the Interim Final Rule (IFR) for WHIP, published 1/16/09 in Vol. 74, No. 11 of the Federal Register, under 7 CFR Part 636.**

Wildlife Habitat Appraisal Guide (WHAG) Community Models will be used to document habitat changes under WHIP. The WHDP must at least reach a quality level of 0.5 habitat suitability index for all contract acres (i.e., fields with essential practices and/or used to obtain ranking score). If the WHDP acres are not planned to reach the 0.5 level, the offered acres are not eligible for WHIP.

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 (CPS; see the Missouri eFOTG) and the criteria listed below. Extents above the minimum necessary to meet the CPS Criteria and applicable FY10 WHIP Policy 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.

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

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 WHIP Interim Final Rule).

4/ Maximum Amounts of payments for the life of the contract are established on certain conservation practices or options. WHIP funds provide financial assistance to help eligible participants develop fish & wildlife habitat on eligible land. Establishing Maximum Amounts for the contract allows Missouri NRCS to make WHIP funding assistance available to a larger number of eligible producers here in Missouri, and also as a method to make funds available to all eligible producers regardless of size of operation (i.e., by not obligating large amounts of funds on operations with more acres, Missouri WHIP funds will be available to a larger number of separate operations). Maximum Amounts for payment for the life of 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 (generally indicated on FSA's EZ156 &/or AD-1026A forms).

**Core Practice List: One Core practice must be selected before a practice from the Supporting practice list can be selected!!!**

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate 3/	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan		
342	Acre	<b>Critical Area Planting (S)</b>						10 Years		
		<b>Cool Season Grasses (CSG) With Mulching</b>	Acre	\$ 462.10		\$ 554.60				
		1. Payment includes cool season grass seed, lime (1000 lbs/ac), fertilizer (N at 60 lbs/ac; P at 90 lbs/ac; K at 90 lbs/ac), mechanical site preparation, seeding with a conventional or no till drill or planter and spreading.								
		<b>Warm Season Grasses (WSG) With Mulching</b>	Acre	\$ 530.70		\$ 636.80				
		1. Payment includes warm season grass seed, lime (1000 lbs/ac), fertilizer (N at 60 lbs/ac; P at 90 lbs/ac; K at 90 lbs/ac), mechanical site preparation, seeding with a conventional or no till drill or planter and spreading.								
		<b>CSG With Companion Crop or Into Existing Residue</b>	Acre	\$ 258.50		\$ 310.20				
1. Payment includes cool season grass seed, companion crop seed, lime (1000 lbs/ac), fertilizer (N at 60 lbs/ac; P at 90 lbs/ac; K at 90 lbs/ac), mechanical site preparation, seeding with a conventional or no till drill or planter and spreading.										
		<b>WSG With Companion Crop or Into Existing Residue</b>	Acre	\$ 327.10		\$ 392.50				
1. Payment includes warm season grass seed, companion crop seed, lime (1000 lbs/ac), fertilizer (N at 60 lbs/ac; P at 90 lbs/ac; K at 90 lbs/ac), mechanical site preparation, seeding with a conventional or no till drill or planter and spreading.										

1. See the "Critical Area Planting" conservation practice standard.

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate 3/	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan		
643	Acre	<b>Restoration and Management of Rare or Declining Habitats (M)</b>			\$ 5,000.00		\$ 6,250.00	5 Years		
		<b>Prairie/Glade/Savanna Restoration Using MO Source Identified</b>	Acre	\$ 314.60		\$ 377.50				
		1. One-time only payment is for establishing Missouri Source Identified native grasses and forbs, to restore prairie, glade or savannah herbaceous vegetation.								
		<b>Prairie Cordgrass Restoration</b>	Acre	\$ 149.90		\$ 179.90				
		1. One-time only payment is for the establishment of prairie cordgrass (plugs &/or rhizomes) to restore wetland prairie communities.								
		<b>Giant Canebreak Restoration</b>	Acre	\$ 679.20		\$ 815.10				
1. One-time only payment ( <i>includes</i> site prep, rootballs, and backhoe planting) is for the establishment of 1-acre plots of giant cane rootballs in existing cropland, pasture or riparian areas. 2. Acres paid under the 'Giant Canebreak Restoration' option <i>are not eligible for any "Tree/Shrub Site Preparation" payments</i> .										
1. Practice payments for restoration &/or establishment activities can not be earned in the same fiscal year on the same acres as payment for the management activity (i.e., the habitat must be restored or established BEFORE it can be managed under any CPS). 2. See the "Restoration and Management of Rare or Declining Habitat" conservation practice standard.										
646	Acre	<b>Shallow Water Development &amp; Mgmnt for Wildlife (M)</b>	Acre	\$ 13.00	\$ 2,500.00	\$ 20.00	\$ 3,850.00	1 Year		
1. The cost is for inundation of a field from December 1 to February 15 on a graded or zero grade field. 2. Payment is for the extra costs associated with maintaining the water levels as required and labor associated with field set up and flood preparation and monitoring of water levels during the flooded period. 3. See the MO NRCS "Shallow Water Management for Wildlife" Activity Sheet and the "Shallow Water Management for Wildlife" conservation standard.										

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate 3/	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan		
645	Acre	<b>Upland Wildlife Habitat Management (M)</b>			\$ 5,000.00		\$ 6,250.00	5 Years		
		<b>Practice Bundle for Quail Habitat</b>	Acre	\$ 1.20		\$ 1.80				
		1. One-time payment is only on those acres, within each 40-acre block, that meet all the minimum habitat requirements in the crop or grass bundle, not each 40-acre block; payment may be made up to two times per acre when needed to address the resource concern.								
		<b>Perennial Food Plot</b>	Acre	\$ 254.40		\$ 305.30				
		1. One-time payment is for establishing perennial plants such as green browse or desmodium food plots to provide food & cover for wildlife, in existing cropland, grassland, or forest openings (annual grain crops are NOT eligible for this payment).								
		<b>Edgefeathering</b>	Acre	\$ 598.00		\$ 717.60				
		1. One-time payment is for cutting &/or clipping, to create &/or restore early successional shrubby cover for wildlife.								
		<b>Downed Tree Structure</b>	Each	\$ 154.00		\$ 185.00				
		1. One-time payment is to fell select trees and place in adjacent field in order to provide covey headquarters. 2. Each structure for payment must utilize well-branched trees, interlocked & placed to cover a 30' X 50' area, with sod killed prior to placement.								
		<b>Woody Cover Control - Light</b>	Acre	\$ 63.90		\$ 76.60				
		1. Removal of 20-30 square feet of basal area per acre, or 100-199 stems per acre of the area to be treated (if more than 25% of the BA removed is red cedar, hedge, or locust use the Wildlife Woody Cover Control Medium Rate.								
		<b>Woody Cover Control - Medium</b>	Acre	\$ 73.69		\$ 88.30				
		1. Removal of 31-40 square feet of basal area per acre, or 200-400 stems per acre of the area to be treated (if more than 25% of the BA removed is red cedar, hedge, or locust use the Wildlife Woody Cover Control Heavy Rate.								
		<b>Woody Cover Control - Heavy</b>	Acre	\$ 168.70		\$ 202.40				
1. Removal of 41-60 square feet of basal area per acre, or greater than 400 stems per acre of the area to be treated (if more than 25% of the BA removed is red cedar, hedge, or locust use the Wildlife Woody Cover Control Very Heavy Rate.										
<b>Woody Cover Control - Very Heavy</b>	Acre	\$ 381.00		\$ 457.20						
1. Designed for temporary forest openings and/or glade, prairie, savanna restoration where BA removal exceeds 60 square feet per acre.										
		<b>Permanent Forest Openings</b>	Acre	\$ 1,172.30		\$ 1,406.80				
1. One-time payment is authorized for going from an existing basal area of 70 or less, to a basal area of 0.										
1. Grazing may be allowed only if it improves wildlife habitat and is included in the Wildlife Habitat Management Plan.										
659	Cu. Yd.	<b>Wetland Enhancement</b>	Cu Yd	\$ 1.31		\$ 1.58		15 Years		
1. See the "Wetland Enhancement" conservation practice standard.										

Practice Code	Practice Unit	Conservation Practice	Pmt Unit	Payment Rate 3/	Maximum Amount 4/	HU Payment Rate 3/	HU Maximum Amount 4/	Lifespan
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**Supporting Practice List: You must select 1 core practice from list above before you can select a Supporting Practice.**

587	Number	<b>Structure for Water Control (S)</b>			\$ 10,000.00		\$ 12,500.00	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 (not to exceed the Maximum Amount) is authorized for water control structures for the purpose of management of water in a wetland unit to restore wetland values, functions and habitat, as required by the approved Wetland Wildlife Habitat Management Plan.  
2. See the "Structure for Water Control" conservation practice standard.

327	Acre	<b>Conservation Cover (S)</b>			\$ 5,000.00		\$ 6,250.00	5 Years		
		<b>Cool Season Grasses &amp;/or Legumes</b>	Acre	\$ 75.30		\$ 90.30				
		1. Payment includes seed, soil test, site preparation (mechanical &/or chemical), seeding with a conventional or no-till or planter, and spreading.								
		<b>Warm Season Grasses &amp;/or Legumes</b>	Acre	\$ 144.20		\$ 173.00				
		1. Payment includes seed, soil test, site preparation (mechanical &/or chemical), seeding with a conventional or no-till or planter, and spreading.								
		<b>Native Forbs for Quail Habitat</b>	pound	\$ 25.19		\$ 30.22				
		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								
		<b>Forbs for Pollinator Habitat Using Missouri Source Identified</b>	Acre	\$ 198.80		\$ 238.50				
		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>Forbs for Quail Habitat Using Missouri Source Identified</b>	pound	\$ 36.38		\$ 43.65				
		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.								
		<b>Fertilizer - Nitrogen</b>	pound	\$ 0.37		\$ 0.56				
		<b>Fertilizer - Phosphorus</b>	pound	\$ 0.34		\$ 0.50				
		<b>Fertilizer - Potash</b>	pound	\$ 0.34		\$ 0.51				
<b>Lime - ENM</b>	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 Conservation Cover seeding option										

1. Payment (not to exceed the Maximum Amount) is authorized for the establishment and maintenance of permanent vegetative cover on land being retired from agricultural use.  
2. This practice will also enhance wildlife habitat, in accordance with the Additional Criteria to Enhance Wildlife Habitat of the CPS.  
3. See the "Conservation Cover" conservation practice standard.

**Footnotes and Acronym Information**

Wildlife Habitat Appraisal Guide (WHAG) Community Models will be used to document habitat changes under WHIP. The WHDP must at least reach a quality level of 0.5 habitat suitability index for all contract acres (i.e., fields with essential practices and/or used to obtain ranking score). If the WHDP acres are not planned to reach the 0.5 level, the offered acres are not eligible for WHIP.

<b>4/</b>	4/ Maximum Amounts of payments for the life of the contract are established on certain conservation practices or options. WHIP funds provide financial assistance to help eligible participants develop fish & wildlife habitat on eligible land. Establishing Maximum Amounts for the contract allows Missouri NRCS to make WHIP funding assistance available to a larger number of eligible producers here in Missouri, and also as a method to make funds available to all eligible producers regardless of size of operation (i.e., by not obligating large amounts of funds on operations with more acres, Missouri WHIP funds will be available to a larger number of separate operations). Maximum Amounts for payment for the life of 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 (generally indicated on FSA's EZ156 &/or AD-1026A forms)
<b>CPS</b>	Conservation Practice Standard, as described in the NRCS Field Office Technical Guide
<b>M</b>	Conservation activities that generally require site-specific management techniques and/or methods and have a practice lifespan of one year; as noted in Policy for certain options, payment may be made up to two times per acre when needed to address the resource concern; otherwise this is a one-time only payment.
<b>S</b>	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.

# Livingston and Carroll Counties Missouri Wildlife Incentives Program (WHIP) Lower Grand River 2010 CCPI-MRBI-WHIP Application Data Form

<b>Applicant(s):</b>	<b>Date:</b>	
<b>Address:</b>		
<b>Farm Number:</b>	<b>Tract Number:</b>	<b>Acres in Application:</b>
<b>LRF:</b>	<b>Beginning Farmer:</b>	<b>Socially Disadvantaged:</b>

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

### NRCS National Conservation Priorities

1	Retain wildlife and plant benefits on land exiting the Conservation Reserve Program?	Yes	No
2	Address and support one of the following priorities: Mississippi River Basin Healthy Watersheds Initiative (MRBI), North American Waterfowl Management Plan, National Fish Habitat Action Plan, Greater Sage Grouse Conservation Strategy, State Comprehensive Wildlife Conservation Strategies (also referred to as the State Wildlife Action Plans), Northern Bobwhite Conservation Initiative, Restoration of Longleaf Pine Forests?	Yes	No
3	Benefit federally listed threatened and endangered, at-risk, candidate, fish or wildlife species of concern?	Yes	No
4	Benefit prioritized native habitat critical to a fish or wildlife species?	Yes	No
5	Increase, improve or establish pollinator habitat?	Yes	No
6	Eradicate or control prioritized noxious or invasive species?	Yes	No
7	Benefit declining or important aquatic wildlife species prioritized in the State WHIP Plan?	Yes	No
8	Implement conservation practices which benefit prioritized fish or wildlife species in forested areas?	Yes	No
9	Establish habitat on pivot corners and irregular areas on agricultural land?	Yes	No
10	Provide self-sustaining habitat for prioritized fish and wildlife while reducing net carbon emissions or boosting carbon storage (e.g., warm season perennial grasses, trees or shrubs)?	Yes	No
11	Complete habitat development within the first two years of the agreement?	Yes	No

### Missouri State MRBI Issues

1	The planned Wildlife Habitat Appraisal Guide (WHAG) Community Model index value for the offered acres is 0.70 or higher.	Yes	No
2	Practices in this FY10 WHIP application address basic habitat requirements of bobwhite quail on 50% or more of the offered acres.	Yes	No
3	Offered acres are within, or adjacent to, the buffer area of a federal or state listed threatened or endangered species AND practices in this FY10 WHIP offer will impact the recovery or protection of the species.	Yes	No
4	Practices in this FY10 WHIP application include the establishment, management, restoration, or habitat manipulation of a native plant community of three or more plant species on a minimum of 50% of the offered acres.	Yes	No
5	Practices in this FY10 WHIP application address prairie, glade, savanna/woodland, wetland, riparian or bottomland forest restoration or management on at least 50% of the offered acres.	Yes	No

### Local MRBI Issues

1	Applicant has provided documentation that supports their proclaimed Historically Underserved status as meeting the applicable Beginning Farmer (BF), Limited Resource Farmer (LRF), and/or Socially Disadvantaged Farmer (SDF) funding? (5 Points)	Yes	No
2	Do the planned practices enhance habitat for the northern bobwhite quail or other upland game species, by including 1/10 of an acre per 40 acres on half of the offered acres of either a combination of edge feathering, covey headquarters or downed tree structures? OR include a Prairie, Glade, or Savanna restoration OR include a Conservation Cover seeding rated good to excellent for wildlife? (3 Points)	Yes	No
3	Are the planned practices located in an MDC Conservation Opportunity Area (COA) OR an MDC Quail Focus Area (QFA) such as (but not limited to) the Lower Grand COA, 2C QFA or the Bridge Creek QFA? (4 Points)	Yes	No
4	Do the planned practices benefit waterfowl or aquatic species by installing a Critical Area Planting to control erosion and surface runoff OR prairie cordgrass restoration OR installation of a water control structure for the purpose to restore wetland habitat? (1 Point)	Yes	No
5	Do the planned practices have a positive effect (according to the T & E Planning Matrix) on habitat of a state/federal threatened and endangered or a state rare/at-risk species? (2 Points)	Yes	No

### Planned Conservation Practices

The following list contains every conservation practice eligible for 2010 MRBI WHIP. List the field(s) for each conservation practice(s) that is planned for financial assistance through this MRBI WHIP application.

327 Conservation Cover	643 Restoration & Mgmt of Rare or Declining Habitat
342 Critical Area Planting	645 Upland Wildlife Habitat Management
587 Structure for Water Control	646 Shallow Water Development & Management
	659 Wetland Enhancement

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