

## MO 2014 EQIP-MRBI Macon SWCD

### Environmental Quality Incentives Program Policy for the 2012 MRBI Project with Macon SWCD Middle Fork Salt River

January 27, 2014

This 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 1/3/2012 in Vol 77 No. 1 of the Federal Register, pages 73 thru 79.

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), with or without payment. The applicant is responsible for the installation, use, and maintenance of all components required in the conservation management system.

Management Practices - Management practice 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. Management payments are NOT authorized if the conservation practice option has previously been implemented on the acres in the application, with or without financial assistance. A management practice payment is only authorized ONCE per acre within the length of the contract period for that conservation practice. Some management practices, where noted in the practice footnotes, are limited to no more than three separate management practices combined per acre.

Structural Practices - Structural practices include conservation practices that are either structural or vegetative, and have a multi-year lifespan. Structural practices involve the establishment, construction, or installation of site-specific measures. Payments are established as a one-time payment. The landowner must be a signatory to a contract which has EQIP funds used for any structural practice.

ONE Core Practice MUST be included in the Conservation Plan of Operations (CPO) for the EQIP contracted acres before a closely associated Supporting Practice can be contracted on the same acres.

Practice Code	Conservation Practice		Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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472	<b>Access Control</b> <i>Structural</i>	<b>Core</b>	\$5,000	\$6,500	Acre			10
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	<b>Animal Exclusion from Sensitive Areas</b>				Acre	\$30.70	\$36.80	
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- 1 Payment is authorized to exclude livestock ONLY IF livestock currently have access to the area to be excluded at the time of EQIP application. An EQIP funded Permanent Fence (382) is required in conjunction with this practice.
- 2 Payment is based on the number of acres protected from livestock.
- 3 See the (472) Access Control conservation practice standard.

340	<b>Cover Crop</b> <i>Management</i>	<b>Core</b>	\$13,000	\$17,000	Acre			1
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	<b>Winter Kill Species</b>				Acre	\$42.80	\$51.30	
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	<b>Chemical or Mechanical Kill Species</b>				Acre	\$59.00	\$70.90	
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- 1 Practice is only authorized for one payment per acre within the contract period.
- 2 No more than three separate management practices may be combined per acre.
- 3 See the (340) Cover Crop" conservation practice standard.

342	<b>Critical Area Planting</b> <i>Structural</i>	<b>Core</b>			Acre			10
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	<b>Grass or Grass/Legume Mix</b>				Acre	\$194.70	\$233.60	
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- 1 See the (342) Critical Area Planting conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification.

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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382	<b>Fence</b>							
	<i>Structural</i>	<b>Supporting</b>	\$22,000	\$30,000	Feet		20	
	<b>Temporary/Portable Fence</b>				Foot	\$0.35	\$0.43	
	<b>Temporary/Portable for Small Livestock</b>				Foot	\$1.05	\$1.26	
	<i>Payment is authorized for use of portable fence products such as electric netting with smaller classes of animals such as; goats, sheep, poultry, etc. where containment by a single strand temporary/portable fence is not adequate.</i>							
	<b>Permanent High Tensile Electric Single Strand</b>				Foot	\$0.76	\$0.91	
	<b>Permanent High Tensile Electric 2 - 3 Strand</b>				Foot	\$1.19	\$1.42	
	<b>Permanent High Tensile, Minimum 4 Strand</b>				Foot	\$1.25	\$1.50	
<b>Permanent Barbed Wire Multi Strand</b>				Foot	\$1.67	\$2.00		
<b>Permanent Woven Wire</b>				Foot	\$1.86	\$2.23		

- 1 This practice is only authorized as a component of a (528) Prescribed Grazing, (472) Access Control, (378) Pond, (410) Grade Stabilization Structure, (366) Anaerobic Digester, (313) Waste Storage Facility and/or (359) Waste Treatment Lagoon to exclude livestock from areas that need protection, confine livestock to an area, control domestic livestock while permitting wildlife movement, and/or subdivide grazing acres to facilitate the use of a (528) Prescribed Grazing system.*
- 2 Only one Fence payment can be earned for each length/reach of fence (i.e., multiple options can not be stacked on the same running length/reach of fence; example: a 6-strand Permanent Hi-Tensile Electric Fence is required to meet the 382 CPS, is only eligible for the 'Permanent Hi-Tensile, Minimum 4-strand (electric/non-electric)' option for payment, [NOT a combination of the '2-3 strand' and '4-strand' options]).*
- 3 See the (382) Fence conservation practice standard.*

393	<b>Filter Strip</b>						
	<i>Structural</i>	<b>Core</b>			Acre		10
	<b>Introduced Grass</b>				Acre	\$388.50	\$466.20
<b>Native Grass</b>				Acre	\$436.20	\$523.40	

- 1 Payment is on the acres of filter strip established, and includes vegetation establishment. Payment is not available for natural regeneration.*
- 2 See the (393) Filter Strip conservation practice standard*

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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512	<b>Forage and Biomass Planting</b>	\$26,000	\$34,000	Acre			5				
	<i>Structural</i>							Core			
	Interseeding Legumes and/or Forbs								Acre	\$127.70	\$153.20
	Introduced Grass Establishment or Renovation								Acre	\$172.40	\$206.90
	Native Grass Establishment or Renovation								Acre	\$315.40	\$378.40
Pasture Renovation Utilizing Interim Seeding (Endophyte Fescue Renovation)		Acre	\$241.80	\$290.10							

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

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

412	<b>Grassed Waterway</b>			Acre			10				
	<i>Structural</i>							Core			
	< 35 ft. Top Width								Acre	\$2,464.30	\$2,957.20
	< 35 ft. Top Width with Checks								Acre	\$3,148.50	\$3,778.20
	35 - 55 ft. Top Width								Acre	\$2,624.50	\$3,149.40
	35 - 55 ft. Top Width with Checks								Acre	\$3,398.60	\$4,078.40
	> 55 ft. Top Width								Acre	\$3,258.00	\$3,909.60
> 55 ft. Top Width with Checks		Acre	\$3,987.10	\$4,784.50							

1 Payment does not include vegetation establishment. Critical Area Planting (342) is required in conjunction with this practice.

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

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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516	<b>Livestock Pipeline</b>	\$12,000	\$16,000	Feet			20	
	<i>Structural</i>							<b>Supporting</b>
	Above Ground Pipeline							
	Buried Pipeline < 2 in.							
	Buried Pipeline 2 - 3 in.							
	Buried Pipeline > 3 in.							
	Bedded Pipeline							
Cased Pipeline with Boring								

- 1 Payment for this practice is only available as a component of (528) Prescribed Grazing and/or (472) 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 (516) Livestock Pipeline conservation practice standard.

484	<b>Mulching</b>			Acre			1	
	<i>Management</i>							<b>Supporting</b>
	Natural Material, Vegetation Establishment							
	Natural Material, Weed Control							
Tree and Shrub Establishment Weed Control								

- 1 Practice is only authorized for one payment per acre within the contract period.
- 2 See the (484) Mulching conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
590	<b>Nutrient Management Management</b> <i>Core</i>	\$25,000	\$30,000	Acre			1
	<b>Basic Nutrient Management</b>			Acre	\$11.60	\$14.00	
	<b>Basic Nutrient Management Using Variable Rate P&amp;K Application</b>			Acre	\$11.60	\$14.00	
	<b>Basic Nutrient Management with Manure</b>			Acre	\$17.80	\$21.30	
	<b>Enhanced Nutrient Management</b>			Acre	\$28.30	\$33.90	
	<i>Payment for the Enhanced Nutrient Management option is for split applications of Nitrogen, OR slow- and controlled-release fertilizers, OR nitrification inhibitors, OR urease inhibitors. Payment is not authorized for Variable Rate P&amp;K application</i>						
	<b>Enhanced Nutrient Management with Tissue Testing</b>			Acre	\$50.40	\$60.40	
	<i>Payment for the Enhanced Nutrient Management with Tissue Testing option is for nitrogen applications guided by chlorophyll meter readings OR crop canopy color sensing as described in MO Agronomy Technical Note 35</i>						

- 1 *Payment is available when all nutrients are applied according to a budget for nitrogen, phosphorus, and potassium, in accordance with the minimums stated in an applicable soil test, plus or minus 10% by individual nutrient.*
- 2 *The budget specifies amounts of nitrogen, phosphate, and potash applied, utilized, and remaining in soil.*
- 3 *Payment is available on irrigated land only if (449) Irrigation Water Management is applied on the same acres receiving any (590) payment.*
- 4 *Payment is available on land having subsurface drainage system only if (554) Drainage Water Management is applied on the same acres receiving any (590) payment.*
- 5 *Practice is only authorized for one payment per acre within the contract period.*
- 6 *No more than three separate management practices may be combined per acre.*
- 7 *See the applicable MO NRCS "Nutrient Management" Activity Sheet and the (590) Nutrient Management conservation practice standard.*

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
528	<b>Prescribed Grazing Management</b> <b>Core</b>	\$11,000	\$15,000	Acre			1
	Low Intensity (> 7 Day Rotation Frequency)			Acre	\$21.20	\$25.40	
	Medium Intensity (3 - 7 Days Rotation Frequency)			Acre	\$35.20	\$42.30	
	High Intensity (≤ 2 Day Rotation Frequency)			Acre	\$48.40	\$58.00	
	Enhanced, Winter Stockpiling/Stripgrazing			Acre	\$56.20	\$67.40	
	Enhanced, Summer Stripgrazing for Soil Health			Acre	\$56.20	\$67.40	
	<i>Livestock are grazed on mature pasture within the June 1 to August 31 time frame, AND managed at a high stock density of at least 50,000 lbs/ac, AND pastures are managed for a livestock utilization rate of 60% or less. A maximum of 1 acre per animal unit is allowed.</i>						
	High Density Grazing			Acre	\$62.70	\$75.20	
	<i>Livestock are grazed on pasture for at least 300 days per calendar year AND managed at a stock density of at least 50,000 lbs for 75% of the grazing days AND pastures are managed for a livestock utilization rate of 60% or less per grazing event.</i>						
	Deferment ( ≥ 90 Days)			Acre	\$44.20	\$53.00	
	<i>Defer pasture grazing for ≥ 90 days to manage for invasive weed control, improve health of forage plants, or nesting/cover for wildlife species. Not to be used as deferrment for forage establishment. If utilized for wildlife species cover, grazing must be deferred for 90 days prior to May 1 and through the nesting season of May 1 - July 15.</i>						
	Long Term Deferment ( ≥ 210 Days)			Acre	\$58.10	\$69.70	
	<i>Defer pasture grazing for ≥ 210 days to manage for invasive weed control, improve health of forage plants, or nesting/cover for wildlife species. Not to be used as deferrment for forage establishment.</i>						

- 1 Practice is only authorized for one payment per acre within the contract period.
- 2 No more than three separate management practices may be combined per acre.
- 3 See the (528) Prescribed Grazing conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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329	<b>Residue and Tillage Management, No Till Management</b> <b>Core</b>			Acre			1
	<b>No Till</b>			Acre	\$14.40	\$17.30	

- 1 ALL crops planted will be no-tilled/strip-tilled to receive this payment, including double- or triple-cropped crops and cover crops.
- 2 Practice is only authorized for one payment per acre within the contract period.
- 3 Option 1: Payment is authorized for acres where no crops in rotation have been no tilled/strip tilled and the producer will continuously no till/strip till all crops as indicated in footnote 1 above.
- 4 Option 2: Payment is authorized for acres where a portion of the rotation has been no tilled/strip tilled and the producer will continuously no till/strip till all crops as indicated in footnote 1 above.
- 5 No more than three separate management practices may be combined per acre.
- 6 See (329) Residue and Tillage Management, No Till conservation practice standard.

600	<b>Terrace Structural</b> <b>Core</b>	\$50,000	\$62,500	Feet			10
	<b>Broadbase no Topsoiling</b>			Foot	\$1.94	\$2.33	
	<b>Broadbase with Topsoiling</b>			Foot	\$3.12	\$3.74	
	<b>Narrowbase ≤ 9% slopes no Topsoiling</b>			Foot	\$1.60	\$1.92	
	<b>Narrowbase ≤ 9% slopes with Topsoiling</b>			Foot	\$2.77	\$3.32	
	<b>Narrowbase &gt; 9% slopes no Topsoiling</b>			Foot	\$1.83	\$2.19	
	<b>Narrowbase &gt; 9% slopes with Topsoiling</b>			Foot	\$3.00	\$3.60	
	<b>Steepbacked no Topsoiling</b>			Foot	\$1.71	\$2.05	
	<b>Steepbacked with Topsoiling</b>			Foot	\$2.89	\$3.46	

- 1 See the (600) Terrace conservation practice standard.



Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
620	<b>Underground Outlet</b> <i>Structural</i>						
	<b>Supporting</b>	\$25,000	\$33,000	Feet			20
	UGO ≤ 5 in. Diameter Pipe with Risers			Foot	\$2.17	\$2.60	
	UGO 6 in. Diameter Pipe with Risers			Foot	\$2.53	\$3.04	
	UGO 8 in. Diameter Pipe with Risers			Foot	\$3.31	\$3.97	
	UGO 10 in. Diameter Pipe with Risers			Foot	\$6.53	\$7.83	
	UGO ≥ 12 in. Diameter Pipe with Risers			Foot	\$8.69	\$10.43	
	Blind Inlet			Foot	\$42.73	\$51.27	

1 See the (620) Underground Outlet conservation practice standard.

614	<b>Watering Facility</b> <i>Structural</i>						
	<b>Supporting</b>	\$5,000	\$6,500	Number			20
	Portable Tank			Each	\$142.00	\$170.00	
	Tire Tank or Permanent Tank (< 450 Gallons)			Each	\$380.00	\$456.00	
	Fountain or Large Permanent Tank (450 - 1000 Gallons)			Each	\$947.00	\$1,137.00	
	Above Ground Storage (1000 - 3000 Gallons)			Each	\$1,624.00	\$1,949.00	
	Above Ground Storage, Large (> 3000 Gallons)			Each	\$2,648.00	\$3,177.00	
	Underground Storage Tank (> 1000 Gallons)			Each	\$3,446.00	\$4,135.00	

1 Payment is only authorized as a component of (528) Prescribed Grazing and/or (472) Access Control.

2 Permanent Tanks and Storage Tanks: Payment includes stabilized base directly under the watering facility. Use (561) Heavy Use Area Protection for the stabilized area around the watering facility as needed per the CPS.

3 See the (614) Watering Facility conservation practice standard.

### Footnotes and Acronym Information

- 1/ Maximum Payments set a maximum payment cap on specific conservation practices where identified in this Policy. Where maximum payments are identified for practices within this policy applicants cannot exceed the maximums through multiple offers/contracts on different acres when those acres are controlled by the same applicant(s) (where 'control' means possession of the land by ownership, written lease, or other legal agreement as generally indicated on FSA's EZ156 &/or Producer Farm Data Report forms). HU Maximum Payments refers to the maximum contract payment for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, and Socially Disadvantaged Farmers as defined in the 2009 EQIP Interim Final Rule). NOTE: While there is no restriction on the number of applications that may be submitted by an applicant for financial assistance under this policy, all current fiscal year contracts funded under this policy will count towards the maximum payment identified in this policy where acres are controlled by the same applicant(s).
  
- 2/ HU Payment Rate refers to the payment rate for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, and Socially Disadvantaged Farmers as defined in the 2009 EQIP Interim Final Rule). It is the applicant's responsibility to provide adequate documentation AT THE TIME THEY SIGN THE CPA-1200 that supports their BF or LRF request or have checked the SDF box before the applicant can apply for these HU funds; applicants who do not meet these requirements, or who do not provide the requested documents in a timely manner (generally within thirty days of signing the CPA1200 application) will NOT be eligible for Historically Underserved funds.

This Program Policy is approved for use in Missouri

J.R. Flores

Missouri State Conservationist

January 27, 2014

Date