

MO 2017 EQIP-Missouri Ozark Highlands Restoration Partnership Freshwater Conservation and Woodland Management Project

Revised December 1, 2016

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

The Missouri Ozark Highlands Restoration Partnership is part of the FS/NRCS Chief's Joint Landscape Restoration Partnership.

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

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

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

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

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

One Core Practice must be included in the Conservation Plan of Operations (NRCS-CPA-1155) before any Supporting Practice can be included in the contract.

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

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
106	Forest Management Plan <i>Conservation Activity Plan</i>			Number			1
	FMP Less Than or Equal to 20 acres			Each	\$1,024.43	\$1,229.32	
	FMP 21 to 100 acres			Each	\$1,294.02	\$1,552.82	
	FMP 101 to 250 acres			Each	\$2,318.45	\$2,782.14	
	FMP 251 to 500 acres			Each	\$3,342.89	\$4,011.46	
	FMP 501 to 1000 acres			Each	\$3,882.06	\$4,658.47	
	FMP Greater Than 1000 acres			Each	\$4,852.58	\$5,823.09	

1 Must be completed by a NRCS certified Technical Service Provider (TSP).

2 Only one Conservation Activity Plan may be concurrently approved and developed on an eligible land unit (e.g., field) at the same time, and must cover all eligible acres currently under the control of the applicant and included in their conservation plan.

472	Access Control <i>Structural</i>	Core		Acre			10
	Animal exclusion from sensitive areas			Acre	\$33.29	\$39.95	

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 Payment for this practice on forestland is only authorized when included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/).

4 If planned on riparian areas or Water Quality Priority Areas, no FMP is needed (see riparian area definition in footnote 3/).

5 See the (472) Access Control conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
314	Brush Management <i>Structural</i> Core			Acre			10
	Medium Brush Management <i>10% - 39% undesirable woody canopy cover</i>			Acre	\$61.18	\$73.41	
	High Brush Management <i>40% - 60% undesirable woody canopy cover</i>			Acre	\$145.92	\$175.10	
	Very High Brush Management <i>> 60% undesirable woody canopy cover</i>			Acre	\$238.94	\$286.73	

- 1 This practice is authorized for the treatment of woody plants on all non-cropland areas (including those that are invasive, exotic and noxious).
- 2 Payment for this practice on forestland is only authorized when included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/).
- 3 Grazing is not allowed on those acres during the practice lifespan unless the FMP prescribes biological control of invasive species with grazing animals.
- 4 This practice is not to be used for conversion of woodlands or forests to grassland; such as the removal of woody vegetation to establish or re-establish grass cover (See IS-MO-314).
- 5 Clipping/mowing as a stand alone treatment is not authorized for payment
- 6 Practice is not authorized for payment on the same acres as (649) Structures for Wildlife.
- 7 See the (314) Brush Management conservation practice standard and Information Sheet IS-MO-314.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

394	Firebreak	Core		Feet			5
	<i>Structural</i>						
	Constructed - Handline			Foot	\$0.08	\$0.10	
	Constructed - Light Equipment <i>Disking or equivalent</i>			Foot	\$0.04	\$0.05	
	Constructed - Medium equipment, flat-medium slopes <i>Small dozer or equivalent. Scenario is applicable to all slope types.</i>			Foot	\$0.27	\$0.32	
	Vegetated permanent firebreak <i>Payment includes vegetation establishment.</i>		Foot	\$0.12	\$0.14		

- 1 Payment is only authorized in conjunction with (338) Prescribed Burning.
- 2 When applied on forestland, payment for this practice is only authorized when included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/). Glade and savanna restorations do not require a FMP.
- 3 See the (394) Firebreak conservation practice standard

666	Forest Stand Improvement	Core		Acre			10
	<i>Structural</i>						
	Forest Stand Improvement, Light <i>Reduce basal area by 20-29 sq ft/ac, or kill 100 to 199 trees/ac, or release 20-40 crop trees/ac.</i>			Acre	\$89.25	\$107.10	
	Forest Stand Improvement, Medium <i>Reduce basal area by 30-40 sq ft/ac, or kill 200 to 400 trees/ac, or release 41-60 crop trees/ac.</i>			Acre	\$109.51	\$131.41	
	Forest Stand Improvement, Heavy <i>Reduce basal area by > 40 sq ft/ac, or kill > 400 trees/ac, or release >60 crop trees/ac.</i>			Acre	\$138.50	\$166.20	
	Temporary Forest Openings, patch clearcuts <i>Refer to the Temporary Forest Openings Job Sheet.</i>		Acre	\$158.61	\$190.33		

- 1 Payment for this practice is only authorized when included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/).
- 2 Payment is not authorized if forest products are removed commercially (timber, posts, or fuel wood) with forest stand improvement work.
- 3 Payment for FSI may be used either before or after a commercial harvest to treat the stand.
- 4 See the (666) Forest Stand Improvement conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

655	Forest Trails and Landings						5	
	<i>Structural</i>	Core		Acre				
	Shaping and Grading			Foot	\$0.37	\$0.44		
	Shaping and Grading with Vegetation Establishment			Foot	\$0.54	\$0.64		
	<i>Payment includes vegetation establishment.</i>							
	Water Bar Installation			Each	\$47.36	\$56.84		
<i>Payment includes shaping and grading.</i>								
	Temporary Stream Crossing			Each	\$645.91	\$775.10		
	Log Landing Shaping and Grading with Vegetation Establishment			Acre	\$1,299.38	\$1,559.26		
<i>Payment includes vegetation establishment.</i>								

- 1 *Payment for this practice is only authorized when included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/).*
- 2 *Eligible acres for this practice are limited to existing trails/landings needing treatment to address documented resource concerns, or as recommended according to a current forest harvest plan prepared by a professional forester as an addendum to the FMP.*
- 3 *See the (655) Forest Trails and Landings conservation practice standard.*

315	Herbaceous Weed Control						5	
	<i>Structural</i>	Core		Acre				
	Light Spot Treatment			Acre	\$23.88	\$28.65		
	<i>≤ 10% undesirable herbaceous cover</i>							
	Medium Spot Treatments			Acre	\$69.00	\$82.80		
	<i>> 10% undesirable herbaceous cover</i>							
	Blanket Treatment One Pass			Acre	\$47.05	\$56.46		
	Blanket Treatment Multi Pass			Acre	\$102.30	\$122.76		
	Tree & Shrub Post-planting Weed Control			Acre	\$105.04	\$126.04		

- 1 *This practice is authorized for the treatment of herbaceous plants, including those that are invasive, exotic and noxious on forestland, riparian areas, glades or savannas.*
- 2 *Payment for this practice on forestland is only authorized when included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/). Implementation on riparian areas, glades or savannas does not require a FMP*
- 3 *See the (315) Herbaceous Weed Control conservation practice standard.*

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
338	Prescribed Burning Management						1
	<i>Core</i>			Acre			
	Grassland, > 10 acres			Acre	\$23.39	\$28.07	
	Grassland, Small acreage (<=10 acres)			Acre	\$29.35	\$35.22	
	Woodland, >10 acres			Acre	\$61.56	\$73.87	
	Woodland, Small acreage (<=10 acres)			Acre	\$88.69	\$106.43	

- 1 Practice is only authorized for one payment per acre within the contract period.
- 2 Payment is not for site preparation activities for a new seeding or re-seeding, or maintenance/management of a new seeding or re-seeding. Where additional site preparation activities are needed for adequate seedbed prep a waiver can be requested from the State Office.
- 3 Payment for this practice on forestland is only authorized when included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/).
- 4 See the (338) Prescribed Burning conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
643	Restoration and Management of Rare or Declining Habitats <i>Structural</i> <i>Core</i>			Acre			1
	Woodland Restoration, Light <i>Reduce basal area by 20-29 sq ft/ac, or 100-199 stems/ac.</i>			Acre	\$81.59	\$97.91	
	Woodland Restoration, Medium <i>Reduce basal area by 30-40 sq ft/ac, or 200-400 stems/ac.</i>			Acre	\$91.50	\$109.81	
	Woodland Restoration, Heavy <i>Reduce basal area by >40 sq ft/ac, or >400 stems/ac.</i>			Acre	\$168.46	\$202.15	
	Savanna or Prairie Restoration, Light <i>10% - 39% canopy cover across the treatment area is in undesirable non-herbaceous cover.</i>			Acre	\$53.27	\$63.92	
	Savanna or Prairie Restoration, Medium <i>40% - 60% canopy cover across the treatment area is in undesirable non-herbaceous cover.</i>			Acre	\$97.82	\$117.39	
	Savanna or Prairie Restoration, Heavy <i>Greater than 60% canopy cover across the treatment area is in undesirable non-herbaceous cover.</i>			Acre	\$180.10	\$216.12	
	Glade Restoration, Light <i>10% - 50% canopy cover across the treatment area is in undesirable non-herbaceous cover.</i>			Acre	\$288.88	\$346.65	
	Glade Restoration, Heavy <i>Greater than 50% canopy cover across the treatment area is in undesirable non-herbaceous cover.</i>			Acre	\$523.72	\$628.46	

- 1 *Payment for Woodland Restoration is only authorized where the Ecological Site Description indicates woodland, is included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/), and is planned in conjunction with (338) Prescribed Burning.*
- 2 *Payment for Savanna or Prairie Restoration is only authorized where the Ecological Site Description indicates a savanna or prairie, and is planned in conjunction with (338) Prescribed Burning.*
- 3 *Payment for Glade Restoration is only authorized where the Ecological Site Description indicates a glade, and is planned in conjunction with (338) Prescribed Burning.*
- 4 *See the (643) Restoration and Management of Rare or Declining Habitats conservation practice standard.*

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

391	Riparian Forest Buffer						
	<i>Structural</i>	Core		Acre			15
	Direct Seeding			Acre	\$585.46	\$702.55	
	Bareroot trees, each			Each	\$1.31	\$1.57	
	Bareroot shrubs, each			Each	\$0.96	\$1.15	
	Container Tress and Shrubs (3 gallon),	Each		Each	\$14.86	\$17.84	

- 1 Payment is not available for natural regeneration. Payment includes tree/shrub costs. Payment does NOT include site preparation.
- 2 See the (391) Riparian Forest Buffer conservation practice standard.

390	Riparian Herbaceous Cover						
	<i>Structural</i>	Core		Acre			5
	Native Grass			Acre	\$520.11	\$624.14	
	Pollinator			Acre	\$481.43	\$577.72	
	Giant Canebreak Restoration			Acre	\$1,408.70	\$1,690.44	
	Prairie Cordgrass Restoration			Acre	\$819.61	\$983.53	

- 1 Payment includes vegetation establishment.
- 2 Payment includes site preparation equivalent to two activities or passes (spraying, disking, mowing, burning, etc). Where additional site preparation activities are needed through 314, 315 or 338 for adequate seedbed prep a waiver can be requested from the State Office.
- 3 Only one scenario is applicable per acre (i.e., multiple options such as native species and wildlife/pollinator species cannot be stacked on the same acre).
- 4 See the (390) Riparian Herbaceous Cover conservation standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
612	Tree/Shrub Establishment <i>Structural</i> Core			Acre			15
	Hardwood Establishment, Direct Seeding			Acre	\$585.46	\$702.55	
	Bareroot Trees and Shrubs, Each			Each	\$0.57	\$0.68	
	Bareroot Tress and Shrubs, with Tree Shelters, Each <i>Tree shelters are tubes made of light stabilized polypropylene or polyethylene material and come in various heights (2-6') determined by the need and intended function of the shelter.</i>			Each	\$2.55	\$3.06	
	Container Trees and Shrubs (3 gallon), Each			Each	\$8.64	\$10.36	
	Container Tress and Shrubs (3 gallon) with tree shelters, Each <i>Tree shelters are tubes made of light stabilized polypropylene or polyethylene material and come in various heights (2-6') determined by the need and intended function of the shelter.</i>			Each	\$12.46	\$14.95	

1 See the (612) Tree/Shrub Establishment conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

327	Conservation Cover						5		
	<i>Structural</i>	Supporting		Acre					
	Introduced with Foregone Income				Acre	\$411.53		\$493.84	
	<i>Payment is only authorized for planting species with good to excellent wildlife ratings in Table 1 - Vegetation Establishment Herbaceous Seeding (723).</i>								
	Native Species with Foregone Income				Acre	\$453.72		\$544.46	
	Pollinator Species with Foregone Income				Acre	\$670.87		\$805.04	
<i>Scenario is applicable to pollinator habitat and prairie restorations. For prairie restorations, payment is only authorized where the Ecological Site Description indicates a prairie, and is restored as specified within the 643 Restoration and Management of Rare and Declining Habitats conservation practice standard.</i>									
Monarch Species Mix				Acre	\$673.36	\$808.04			
Monarch Species Mix - Interseeding				Acre	\$226.73	\$272.07			

- 1 Payment is authorized for the establishment and maintenance of permanent vegetative cover on land not utilized for forage production.
- 2 Payment includes site preparation equivalent to two activities or passes (spraying, disking, mowing, burning, etc). Where additional site preparation activities are needed through 314, 315 or 338 for adequate seedbed prep a waiver can be requested from the State Office.
- 3 Only one scenario is applicable per acre (i.e., multiple options such as native species and pollinator species cannot be stacked on the same acre).
- 4 Refer to the (645) Upland Wildlife Habitat Management conservation practice standard for the Pollinator Species and Monarch Species scenarios.
- 5 See the (327) Conservation Cover conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification

332	Contour Buffer Strips						5
	<i>Structural</i>	Supporting		Acre			
	Native Species, Foregone Income (Organic and Non-Organic)				Acre	\$320.37	
Wildlife/Pollinator, Foregone Income (Organic and Non-Organic)				Acre	\$493.73	\$592.47	
<i>Scenario is only eligible for financial assistance when installed 30 ft or greater in width.</i>							

- 1 Payment is on the acres of contour buffer strips established to permanent cover (not all acres in the field), and includes vegetation establishment.
- 2 Payment includes site preparation equivalent to two activities or passes (spraying, disking, mowing, burning, etc). Where additional site preparation activities are needed through 314, 315 or 338 for adequate seedbed prep a waiver can be requested from the State Office.
- 3 Only one scenario is applicable per acre (i.e., multiple options such as native species and wildlife/pollinator species cannot be stacked on the same acre).
- 4 See the (332) Contour Buffer Strips conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

340	Cover Crop Management						1
		Supporting		Acre			
	Cover Crop - Basic and organic/non-organic			Acre	\$62.84	\$75.40	

- 1 Practice is only authorized for one payment per acre within the contract period.
- 2 Payment is not authorized for crops harvested for grain, seed or hay.
- 3 No more than three separate management practices may be combined per acre.
- 4 See the (340) Cover Crop conservation practice standard.

342	Critical Area Planting Structural						10
		Supporting		Acre			
	Vegetation-normal tillage (Organic and Non-Organic)			Acre	\$139.76	\$167.71	

- 1 Payment is only authorized for planting species with good to excellent wildlife ratings in Table 1 - Vegetation Establishment Herbaceous Seeding (723).
- 2 See the (342) Critical Area Planting conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

382	Fence							
	<i>Structural</i>	Supporting	\$21,000	\$30,000	Feet		20	
	Temporary/Portable Fence				Foot	\$0.36	\$0.43	
	Temporary_Portable for Small Livestock				Foot	\$1.08	\$1.29	
	<i>Scenario is applicable to portable fence products such as electric netting with smaller classes of animals such as; goats, sheep, poultry, etc. where containment by a single strand temporary/portable fence is not adequate.</i>							
	Permanent High Tensile Electric Single Strand				Foot	\$0.78	\$0.94	
Permanent High Tensile Electric 2-3 Strand				Foot	\$1.15	\$1.38		
<i>Scenario is applicable to all multi-strand high tensile electric fence installations, and small ruminant electrified woven wire fence products.</i>								
Permanent Barbed Wire Multi Strand				Foot	\$1.59	\$1.90		

- 1 This practice is only authorized as a component of (528) Prescribed Grazing and/or (472) 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 (528) Prescribed Grazing system.*
- 2 When implemented as a component of (528) Prescribed Grazing, practice is only eligible for payment when tract is located within a Priority Focus Area (see footnote 4/).*
- 3 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).*
- 4 See the (382) Fence conservation practice standard.*

386	Field Border						
	<i>Structural</i>	Supporting			Acre		10
	Field Border, Native Species, Foregone Income				Acre	\$405.03	\$486.04
Field Border, Pollinator, Foregone Income				Acre	\$448.07	\$537.69	

- 1 Payment includes vegetation establishment. Payment is not available for natural regeneration.*
- 2 Payment includes site preparation equivalent to two activities or passes (spraying, disking, mowing, burning, etc). Where additional site preparation activities are needed through 314, 315 or 338 for adequate seedbed prep a waiver can be requested from the State Office.*
- 3 Only one scenario is applicable per acre (i.e., multiple options such as native species and pollinator cannot be stacked on the same acre).*
- 4 Refer to the (645) Upland Wildlife Habitat Management conservation practice standard for the Pollinator option.*
- 5 See the (386) Field Border conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification*

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

512	Forage and Biomass Planting <i>Structural</i>						5
	Supporting			Acre			

Native Grass Establishment or Renovation - with fertility Acre \$329.83 \$395.80

Scenario is applicable to any native grass establishment or renovation regardless of fertility requirements (follow standards and specifications for soil test and fertility requirements).

- 1 *Payment is not authorized for the conversion of native prairie or woodland to pasture or hayland.*
- 2 *When implemented as a component of (528) Prescribed Grazing, practice is only eligible for payment when tract is located within a Priority Focus Area (see footnote 4/).*
- 3 *See the (512) Forage and Biomass Planting conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification*

561	Heavy Use Area Protection <i>Structural</i>						10
	Supporting			Acre			

Gravel without Geotextile, Thick Sq Ft \$0.88 \$1.06

Scenario is applicable to any gravel depth with and without geotextile that meets standards and specifications

Geocell and Gravel HUA Sq Ft \$2.97 \$3.56

- 1 *Payment for this practice is only authorized as a component of (528) Prescribed Grazing or (472) Access Control.*
- 2 *When implemented as a component of (528) Prescribed Grazing, practice is only eligible for payment when tract is located within a Priority Focus Area (see footnote 4/).*
- 3 *See the (561) Heavy Use Area Protection conservation practice standard.*

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

516	Livestock Pipeline	Supporting	\$11,500	\$16,000	Feet		20			
	<i>Structural</i>									
	Above Ground Pipeline							Foot	\$0.80	\$0.96
	Buried Pipeline, < 2in Plastic							Foot	\$1.84	\$2.21
	Buried Pipeline, 2in - 3in Plastic							Foot	\$2.67	\$3.20
	Buried Pipeline, >3in							Foot	\$4.79	\$5.74
	Cased Pipeline with Boring							Foot	\$79.83	\$95.80

Scenario includes pipe

- 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 When implemented as a component of (528) Prescribed Grazing, practice is only eligible for payment when tract is located within a Priority Focus Area (see footnote 4/).
- 3 See the (516) Livestock Pipeline conservation practice standard.

484	Mulching	Supporting			Acre		1			
	<i>Management</i>									
	Natural Material, Vegetation Establishment							Acre	\$242.96	\$291.56
	Natural Material, Soil Moisture Management							Acre	\$318.18	\$381.82
	Synthetic Material, Soil Moisture Management							Acre	\$1,291.11	\$1,549.34

Tree and Shrub, Individual Treatment, Soil Moisture Management
Use this scenario when trees/shrubs will be mulched individually rather than in a continuous mulched row. Otherwise use the appropriate per acre soil moisture management mulching option.

- 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	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
528	Prescribed Grazing Management						1
	Supporting	\$9,500	\$13,000	Acre			
	Low Intensity, > 7 Day Rotation Frequency			Acre	\$21.11	\$25.33	
	Medium Intensity, 7-3 Days Rotation Frequency			Acre	\$32.31	\$38.77	
	High Intensity, <=2 Day Rotation Frequency			Acre	\$45.90	\$55.09	
	Enhanced - Strip Grazing			Acre	\$54.41	\$65.29	
	<i>Scenario is appropriate for both winter stockpiling/stripgrazing and/or summer stripgrazing for soil health. For summer stripgrazing only, livestock are grazed on mature pasture within the June 1 to August 31 time frame, managed at a high stock density of at least 50,000 lbs/ac, and pastures are managed for a livestock utilization rate of 60% or less.</i>						
	High Density Grazing			Acre	\$61.40	\$73.69	
	<i>Livestock are grazed on pasture for at least 300 days per calendar year, managed at a stock density of at least 50,000 lbs for 75% of the grazing days, and pastures are managed for a livestock utilization rate of 60% or less per grazing event.</i>						
	Deferment for Wildlife			Acre	\$45.08	\$54.10	
	<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 deferment for forage establishment. If utilized for wildlife species nesting/cover, grazing must be deferred for a continuous ≥ 90 day period that includes the primary nesting season of May 1 - July 15.</i>						
	Long Term Deferment			Acre	\$60.77	\$72.92	
	<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 deferment for forage establishment. If utilized for wildlife species nesting/cover, grazing must be deferred for a continuous ≥210 day period that includes the primary nesting season of May 1 - July 15.</i>						
	Biological Control with Grazing Animals			Acre	\$625.79	\$750.95	
	<i>Payment for Biological Control is only authorized on areas with >40% undesirable cover. Grazing on glades is not allowed unless approved by the Area Biologist.</i>						

- 1 Practice is only authorized for one payment per acre within the contract period.
- 2 Practice is only eligible for payment when tract is located within a Priority Focus Area (see footnote 4/).
- 3 No more than three separate management practices may be combined per acre.
- 4 See the (528) Prescribed Grazing conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

533	Pumping Plant Structural	Supporting		Number			15
	Livestock Water, Shallow Well Pump (<= 25 ft deep)			Each	\$1,120.01	\$1,344.01	
	Livestock Water, Shallow Well Pump (<= 25ft deep) with Above Ground Pump House			Each	\$1,803.09	\$2,163.71	
	Livestock Water, Deep Well Pump (>25 ft deep)			Each	\$1,419.47	\$1,703.36	
	Livestock Water, Deep Well Pump (> 25ft deep) with Above Ground Pump House			Each	\$2,102.55	\$2,523.06	
	<i>Payment is not authorized for a Deep Well Pump for use with surface water sources.</i>						
	Solar Pump for Shallow Well or Spring Development			Each	\$2,471.39	\$2,965.66	
	Solar Pump for Deep Well			Each	\$7,904.15	\$9,484.98	
	<i>Payment is only authorized for the Solar options when electricity is not available or cost prohibitive.</i>						
	Livestock Non-Electric Pump			Each	\$881.47	\$1,057.77	

- 1 Payment is only authorized when needed as a component of (528) Prescribed Grazing and/or (472) Access Control.
- 2 When implemented as a component of (528) Prescribed Grazing, practice is only eligible for payment when tract is located within a Priority Focus Area (see footnote 4/).
- 3 Payment is not authorized for electricity or a power unit or for PTO-driven pumps.
- 4 Payment is not authorized for used pumps.
- 5 See the (533) Pumping Plant conservation practice standard.

574	Spring Development Structural	Supporting		Number			20
	Horizontal Collection Pipe			Each	\$716.64	\$859.97	
	Collection Structure			Each	\$956.97	\$1,148.36	
	Horizontal Pipe with Collection Box			Each	\$1,776.01	\$2,131.21	
	Vertical Collection & Storage Pipe			Each	\$1,495.92	\$1,795.10	

- 1 Payment is authorized for this practice only as a component of (528) Prescribed Grazing and/or (472) Access Control to improve the distribution of water or to increase the quantity and quality of water for livestock.
- 2 When implemented as a component of (528) Prescribed Grazing, practice is only eligible for payment when tract is located within a Priority Focus Area (see footnote 4/).
- 3 See the (574) Spring Development conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
578	Stream Crossing <i>Structural</i>			Number			10
		Supporting					
	Concrete Crossing			Sq Ft	\$5.49	\$6.59	
	Rip Rap Crossing			Sq Ft	\$2.47	\$2.96	
	<p>1 Payment is only authorized as a component of (472) Access Control, or when included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/) on forestland.</p> <p>2 When implemented as a component of (528) Prescribed Grazing, practice is only eligible for payment when tract is located within a Priority Focus Area (see footnote 4/).</p> <p>3 Financial assistance is not available for bridges or culverts.</p> <p>4 Stream crossings will be constructed at the same elevation as the channel bed.</p> <p>5 Applicant will acquire all US Army Corps of Engineers permits and wetland determinations before practice commencement.</p> <p>6 See the (578) Stream Crossing conservation practice standard.</p>						
649	Structures for Wildlife <i>Structural</i>			Number			5
		Supporting					
	Downed Tree Structure			Each	\$194.04	\$232.84	
	Edgefeathering, heavy			Acre	\$775.40	\$930.49	
	<p>1 See the (649) Structures for Wildlife and (645) Upland Wildlife Habitat Management conservation practice standard, and the Downed Tree Structures Job Sheet.</p>						
490	Tree/Shrub Site Preparation <i>Structural</i>			Acre			1
		Supporting					
	Chemical Application			Acre	\$41.28	\$49.54	
	Light Mechanical			Acre	\$41.79	\$50.15	
	Light Mechanical with Chemical			Acre	\$83.08	\$99.69	
	<p>1 See the (490) Tree/Shrub Site Preparation conservation practice standard.</p>						

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

645	Upland Wildlife Habitat Management <i>Management</i>						1
-----	--	--	--	--	--	--	---

Supporting

Acre

Macro Topography, deep

Each

\$660.09

\$792.11

Scenario is applicable to the installation of a wildlife watering facility.

1 *Payment for this practice is only authorized when included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/).*

2 *See the (645) Upland Wildlife Habitat Management conservation practice standard and the Wildlife Watering Facility Job Sheet.*

642	Water Well <i>Structural</i>						20
-----	--	--	--	--	--	--	----

Supporting

\$15,000

\$21,000

Number

Large Diameter Drilled Well

Foot

\$140.96

\$169.16

Large diameter wells provide water storage in low yield wells typically using diameters 36 - 60 inches. Commonly utilized in northern Missouri.

Shallow Drilled Well, <= 100 feet, <= 6in Diam

Foot

\$41.26

\$49.51

Shallow Drilled Well, <= 100 feet, > 6in Diam

Foot

\$49.32

\$59.19

Deep Drilled Well, > 100 Feet

Foot

\$20.88

\$25.05

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

2 *When implemented as a component of (528) Prescribed Grazing, practice is only eligible for payment when tract is located within a Priority Focus Area (see footnote 4/).*

3 *Payment is authorized for this practice 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.*

4 *Payment is not authorized for electricity or a power unit.*

5 *See the (642) Water Well conservation practice standard.*

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

614	Watering Facility	Supporting	\$5,000	\$7,000	Number		10						
	<i>Structural</i>												
	Portable Tank							Each	\$150.16	\$180.19			
	Tire Tank							Each	\$888.08	\$1,065.70			
	<i>Payment is authorized using this scenario for all permanent tank installations that meet the 614 conservation practice standard.</i>												
	Above Ground Storage, 1,000 - 3,000 gallons							Each	\$2,195.85	\$2,635.02			
	Above Ground Storage, >3,000 gallons							Each	\$3,680.61	\$4,416.73			
	Underground Storage Tank							Each	\$3,538.58	\$4,246.29			
<i>Payment is only authorized for underground storage tanks >1000 gallons</i>													
Access Ramp		Sq Ft	\$1.44	\$1.73									

- 1 Payment is only authorized as a component of (528) Prescribed Grazing and/or (472) Access Control.
- 2 When implemented as a component of (528) Prescribed Grazing, practice is only eligible for payment when tract is located within a Priority Focus Area (see footnote 4/).
- 3 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.
- 4 See the (614) Watering Facility conservation practice standard.

351	Well Decommissioning	Supporting			Number		20
	<i>Structural</i>						
	Drilled <=100 ft						
<i>Scenario is applicable to any depth drilled well decommissioning</i>							
Hand Dug		Foot	\$46.71	\$56.05			
<i>Payment unit is per foot depth of well</i>							

- 1 See the (351) Water Well Decommissioning conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	-----------------------------	--------------	--------------------	------------------

Footnotes and Acronym Information

- 1/ HU Payment Rate refers to the payment rate for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, Socially Disadvantaged Farmers, and Veteran Farmers who also qualify as Beginning Farmers).
- 2/ FMP = Forest Management Plan. Approved FMP's are any plans written by NRCS, Technical Service Providers, or partners that meet the Forest Management Plan Criteria for Practice/Activity Code 106 found in Section III of the Missouri eFOTG.
- 3/ Riparian Area = A riparian area or riparian zone is the interface between land and a river or stream, located adjacent to and up-gradient from the water course.
- 4/ Priority Focus Areas = Current River Watershed, Partner Agency Priority Watersheds, Water Quality Priority Areas, Glade/Woodland Emphasis Areas, and Mark Twain National Forest Collaborative Forest Landscape Restoration Project. Refer to ArcGis layers associated with this project.

TSP Technical Service Provider (www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp)

This Program Policy is approved for use in Missouri

J. R. Flores	December 1, 2016
Missouri State Conservationist	Date