

# MO 2017 EQIP-NOI

## Environmental Quality Incentives Program National Organic Initiative Policy

November 16, 2016

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

Practices/options offered under this EQIP Organic Initiative are available to eligible applicant(s) who are either:

- (A) Certified Organic through the USDA National Organic Program (NOP): At the time of application, applicants are required to provide NRCS a copy of their current organic certification, a copy of their Organic System Plan (OSP), and complete an NRCS Self-Certification Worksheet.
- (B) Certification Exempt (Producers who operate under the USDA NOP certified organic rules but gross sales are less than \$5,000 annually): At the time of application, applicants are required to complete an NRCS Self-Certification Worksheet certifying that they meet the Certification Exempt criteria and agree to develop and implement an OSP. Certification Exempt applicants are ranked with Transitioning to Organic applicants.
- (C) Transitioning to Organic (Producers in the process of transitioning their land to become certified organic or certification exempt): At the time of application, applicants are required to complete an NRCS Self-Certification Worksheet certifying that they agree to develop and implement an OSP.

Payments made either directly or indirectly to a person or legal entity for financial assistance practices related to organic production are limited to \$20,000 per fiscal year and \$80,000 during any 6-year period.

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.

Conservation Activity Plans (CAP) - Conservation Activity Plans are conservation plans developed for producers to assist in identifying conservation practices needed to address a specific natural resource need. CAPs are completed by NRCS certified Technical Service Providers (TSP). The list of NRCS certified TSPs is available on the NRCS TSP webpage: [www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp](http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp)

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)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

472	<b>Access Control</b> <i>Structural</i>			Acre			10
-----	--	--	--	------	--	--	----

	Animal exclusion from sensitive areas			Acre	\$28.85	\$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 See the (472) Access Control conservation practice standard.

311	<b>Alley Cropping</b> <i>Structural</i>			Acre			15
-----	--	--	--	------	--	--	----

	Single row bareroot planting stock			Each	\$1.30	\$1.80	
--	------------------------------------	--	--	------	--------	--------	--

	Single row bareroot planting stock with tree shelters			Each	\$3.96	\$5.49	
--	---	--	--	------	--------	--------	--

*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.*

	Single row container planting stock			Each	\$17.02	\$23.57	
--	-------------------------------------	--	--	------	---------	---------	--

- 1 Payment includes tree/shrub costs. Payment does not include site preparation.
- 2 See the (311) Alley Cropping conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
316	<b>Animal Mortality Facility</b> <i>Structural</i>			Number			15
	<b>Incinerator</b>			Lb/Day	\$22.92	\$31.74	
	<b>Small Animal Composter</b> <i>Average weight &lt;10 lbs</i>			Lb/Day	\$17.40	\$24.09	
	<b>Medium - Low Animal Composter</b> <i>Average weight 10-50 lbs</i>			Lb/Day	\$69.70	\$96.51	
	<b>Medium- High Animal Composter</b> <i>Average weight 51-500 lbs</i>			Lb/Day	\$166.34	\$230.31	
	<b>Large Animal Composter</b> <i>Average weight &gt;500 lbs</i>			Lb/Day	\$239.10	\$331.07	

1 Payment for this practice is only authorized when included as a component of an existing CNMP, 138 CAP or OSP.

2 Payment for this practice is only authorized for Animal Feeding Operations (AFO) (see definition in footnote 3/).

3 See the MO NRCS "Pre-Engineered Structure" Activity Sheet and the (316) Animal Mortality Facility 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	<b>Brush Management</b>						10
	<i>Structural</i>			Acre			
	<b>Medium Brush Management</b>			Acre	\$53.02	\$73.41	
	<i>10% - 39% undesirable woody canopy cover</i>						
	<b>High Brush Management</b>			Acre	\$126.46	\$175.10	
	<i>40% - 60% undesirable woody canopy cover</i>						
	<b>Very High Brush Management</b>			Acre	\$207.08	\$286.73	
	<i>&gt; 60% undesirable woody canopy cover</i>						

- 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 When addressing pasture or hayland resource concerns, this practice is only authorized when used in conjunction with (528) Prescribed Grazing and/or (511) Forage Harvest Management.
- 3 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/). Grazing is not allowed on those acres during the practice lifespan unless the FMP prescribes biological control of invasive species with grazing animals.
- 4 When addressing wildlife resource concerns, haying is not allowed. Grazing is not allowed unless grazing multi-species native forage mixes and wildlife considerations are part of the grazing plan. Requires State Grassland Conservationist approval.
- 5 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).
- 6 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.
- 7 See the (314) Brush Management conservation practice standard and Information Sheet IS-MO-314.

317	<b>Composting Facility</b>						15
	<i>Structural</i>			Number			
	<b>Compacted Earth Pad</b>			Sq Ft	\$0.16	\$0.22	
	<b>Compacted Gravel Pad, 6 inch compacted gravel</b>			Sq Ft	\$0.59	\$0.82	
	<i>Scenario is applicable for any compacted gravel depth that meets standards and specifications</i>						
	<b>Concrete Pad</b>			Sq Ft	\$3.05	\$4.22	
	<b>Concrete Slab Under Concrete Bin Dividers</b>			Cu Ft	\$1.51	\$2.09	

- 1 Payment for this practice is only authorized when included as a component of an existing CNMP, 138 CAP or OSP.
- 2 See the (317) Composting Facility conservation practice standard.

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

102	Comprehensive Nutrient Management Plan <i>Conservation Activity Plan</i>			Number			1
	Non-Dairy Operation Less Than 300 AU with Land Application			Each	\$6,051.35	\$7,261.61	
	Dairy Operation Less Than 300 AU with Land Application			Each	\$7,549.85	\$9,059.82	
	Non-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application			Each	\$7,794.50	\$9,353.39	
	Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application			Each	\$8,627.08	\$10,352.49	
	Non-Dairy Operation Greater Than or Equal to 700 AU with Land Application			Each	\$9,415.50	\$11,298.60	
	Dairy Operation Greater Than or Equal to 700 AU with Land Application			Each	\$9,593.20	\$11,511.84	
	Livestock Operation Less Than 300 AU without Land Application			Each	\$5,450.60	\$6,540.72	
	Livestock Operation Greater Than 300 AU without Land Application			Each	\$6,771.41	\$8,125.70	

*The following 4 CNMP scenarios are applicable for revisions/updates to existing CNMPs where the nutrient utilization portion of the CNMP needs updating. These scenarios are not applicable if updates are needed to the waste storage, waste transfer or animal mortality system(s). In those cases, refer to one of the above scenarios.*

	CNMP Less Than or Equal to 300 AU with Land Application (Minimal Engineer Assistance)			Each	\$3,509.93	\$4,211.91	
	CNMP Less Than or Equal to 300 AU without Land Application (Minimal Engineer Assistance)			Each	\$2,054.74	\$2,465.69	
	CNMP Greater Than 300 AU with Land Application (Minimal Engineer Assistance)			Each	\$4,609.80	\$5,531.76	
	CNMP Greater Than 300 AU without Land Application (Minimal Engineer Assistance)			Each	\$2,332.50	\$2,799.00	

- 1 *Must be completed by a NRCS certified Technical Service Provider (TSP).*
- 2 *Financial assistance is not authorized for new operations.*
- 3 *Payment for this practice is only authorized for Animal Feeding Operations (AFO) (see definition in footnote 3/).*
- 4 *The "Without Land Application" scenarios are authorized for operations that export (or plan to export) greater than 50% manure or agricultural by-products produced by their operation.*
- 5 *The CNMP must be developed for animal waste management operations under the control of the applicant (either directly or indirectly through lease, contract, or other agreements).*
- 6 *A CNMP is required prior to providing technical and/or financial assistance for an animal waste management system through EQIP. The CNMP must describe the waste management system and the conservation practice(s).*

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

7 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.

327	<b>Conservation Cover</b>						
	<i>Structural</i>			Acre			5
	<b>Introduced with Foregone Income</b>			Acre	\$356.66	\$493.84	
	<i>Scenario is applicable to introduced grass/legumes and perennial green browse.</i>						
	<b>Native Species with Foregone Income</b>			Acre	\$393.22	\$544.46	
	<b>Pollinator Species with Foregone Income</b>			Acre	\$581.42	\$805.04	
	<b>Monarch Species Mix</b>			Acre	\$583.58	\$808.04	
	<b>Monarch Species Mix - Interseeding</b>			Acre	\$196.50	\$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

328	<b>Conservation Crop Rotation</b>						
	<i>Management</i>			Acre			1
	<b>Basic Rotation Organic and Non-Organic</b>			Acre	\$3.78	\$5.24	
<i>Scenario is applicable to adding a small grain to the rotation. Payment made only when the small grain is harvested.</i>							

- 1 Practice is only authorized for one payment per acre within the contract period.
- 2 No more than five separate management practices may be combined per acre.
- 3 See the (328) Conservation Crop Rotation conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
138	<b>Conservation Plan Supporting Organic Transition</b>						
	<i>Conservation Activity Plan</i>			Number			1
	Conservation Plan Supporting Organic Transition CAP			Each	\$2,277.65	\$2,733.18	
138	Conservation Plan Supporting Organic Transition CAP No Local TSP			Each	\$3,555.36	\$4,266.43	
	<i>Scenario is applicable only if there is no qualified Technical Service Provider (TSP) within 300 miles.</i>						
<ol style="list-style-type: none"> <li>1 Must be completed by a NRCS certified Technical Service Provider (TSP).</li> <li>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.</li> <li>3 A producer is NOT required to have this Conservation Activity Plan to receive EQIP financial or technical assistance for related activities.</li> </ol>							
332	<b>Contour Buffer Strips</b>						
	<i>Structural</i>			Acre			5
	Introduced Species, Foregone Income (Organic and Non-organic)			Acre	\$331.63	\$459.17	
	Native Species, Foregone Income (Organic and Non-Organic)			Acre	\$277.66	\$384.45	
332	Wildlife/Pollinator, Foregone Income (Organic and Non-Organic)			Acre	\$427.90	\$592.47	
	<i>Scenario is only eligible for financial assistance when installed 30 ft or greater in width.</i>						
<ol style="list-style-type: none"> <li>1 Payment is on the acres of contour buffer strips established to permanent cover (not all acres in the field), and includes vegetation establishment.</li> <li>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.</li> <li>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).</li> <li>4 See the (332) Contour Buffer Strips conservation practice standard.</li> </ol>							
330	<b>Contour Farming</b>						
	<i>Structural</i>			Acre			5
330	Contour Farming			Acre	\$5.40	\$7.47	
	<i>Scenario is only eligible for financial assistance when installed 30 ft or greater in width.</i>						
<ol style="list-style-type: none"> <li>1 See the (330) Contour Farming conservation practice standard.</li> </ol>							

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
340	<b>Cover Crop Management</b>			Acre			1
	Cover Crop - Basic and organic/non-organic			Acre	\$54.46	\$75.40	
	<p>1 Practice is authorized for up to three payments per acre within the contract period.</p> <p>2 Payment is not authorized for crops harvested for grain, seed or hay.</p> <p>3 No more than five separate management practices may be combined per acre.</p> <p>4 See the (340) Cover Crop conservation practice standard.</p>						
342	<b>Critical Area Planting Structural</b>			Acre			10
	Vegetation-normal tillage (Organic and Non-Organic)			Acre	\$121.12	\$167.71	
	1 See the (342) Critical Area Planting conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification.						
362	<b>Diversion Structural</b>			Feet			10
	Small, <2 CY/FT			Foot	\$2.32	\$3.21	
	Medium, 2 - 2.9 CY/FT			Foot	\$4.99	\$6.90	
	Large, >=3 CY/FT			Foot	\$6.76	\$9.36	
	1 See the (362) Diversion conservation practice standard.						

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

554	<b>Drainage Water Management Management</b>			Acre			1
	<b>&gt;10 Acres per Structure</b>			Acre	\$4.60	\$6.36	
	<i>Scenario is applicable to management of structures with &gt;10 acres of drainage area</i>						
	<b>&lt;=10 Acres per Structure</b>			Acre	\$6.90	\$9.55	
	<i>Scenario is applicable to management of structures with &lt;=10 acres of drainage area</i>						

- 1 This practice is only authorized on drainage systems in place when the CPA1200 is signed.
- 2 Payment is available where drainage can be manipulated through the use of water control structures at the outlets.
- 3 Payment is only authorized where water control structures are managing drainage on land of  $\leq 1\%$  slope.
- 4 Payment is only authorized when the participant can provide a completed 130 Conservation Activity Plan OR can provide the following to NRCS; a 1' interval topographical map of the site, existing tile map (showing locations, sizes and flow grades), and planned or existing structure locations and impacted area of each structure.
- 5 Practice is only authorized for one payment per acre within the contract period.
- 6 No more than five separate management practices may be combined per acre.
- 7 See the (554) Drainage Water Management conservation practice standard.

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

382	<b>Fence Structural</b>			Feet			20
-----	-------------------------	--	--	------	--	--	----

	Temporary/Portable Fence			Foot	\$0.31	\$0.43	
--	--------------------------	--	--	------	--------	--------	--

	Temporary_Portable for Small Livestock			Foot	\$0.93	\$1.29	
--	--	--	--	------	--------	--------	--

*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.*

	Permanent High Tensile Electric Single Strand			Foot	\$0.68	\$0.94	
--	---	--	--	------	--------	--------	--

	Permanent High Tensile Electric 2-3 Strand			Foot	\$1.00	\$1.38	
--	--	--	--	------	--------	--------	--

*Scenario is applicable to all multi-strand high tensile electric fence installations, and small ruminant electrified woven wire fence products.*

	Permanent Barbed Wire Multi Strand			Foot	\$1.37	\$1.90	
--	------------------------------------	--	--	------	--------	--------	--

*Scenario is also applicable to woven wire fence installations.*

1 This practice is only authorized as a component of (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).

3 See the (382) Fence conservation practice standard.

386	<b>Field Border Structural</b>			Acre			10
-----	--------------------------------	--	--	------	--	--	----

	Field Border, Introduced Species, Foregone Income			Acre	\$270.71	\$374.83	
--	---	--	--	------	----------	----------	--

	Field Border, Native Species, Foregone Income			Acre	\$351.03	\$486.04	
--	---	--	--	------	----------	----------	--

	Field Border, Pollinator, Foregone Income			Acre	\$388.33	\$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)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

393	<b>Filter Strip</b>						
	<i>Structural</i>			Acre			10
	Filter Strip, Introduced species, Foregone Income			Acre	\$383.98	\$531.66	
	Filter Strip, Native species, Foregone Income			Acre	\$394.11	\$545.69	

- 1 Payment is on the acres of filter strip established, and includes vegetation establishment. Payment is not available for natural regeneration.
- 2 Only one scenario is applicable per acre (i.e., multiple options such as introduced species and native species cannot be stacked on the same acre).
- 3 See the (393) Filter Strip conservation practice standard

394	<b>Firebreak</b>						
	<i>Structural</i>			Feet			5
	Constructed - Handline			Foot	\$0.07	\$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	\$0.23	\$0.32	
	Vegetated permanent firebreak <i>Payment includes vegetation establishment.</i>			Foot	\$0.10	\$0.14	

- 1 Payment is only authorized in conjunction with (338) Prescribed Burning.
- 2 See the (394) Firebreak conservation practice standard

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

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

	Interseeding Legumes and/or Forbs			Acre	\$115.44	\$159.84	
--	-----------------------------------	--	--	------	----------	----------	--

	Introduced Grass Establishment or Renovation			Acre	\$149.96	\$207.64	
--	--	--	--	------	----------	----------	--

	Native Grass Establishment or Renovation - with fertility			Acre	\$285.86	\$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).*

	Pasture Renovation Utilizing Interim Seeding			Acre	\$213.79	\$296.02	
--	--	--	--	------	----------	----------	--

*Scenario includes establishment of an interim stand prior to the new perennial stand being established. This scenario applies to, but not limited to, renovation of endophyte fescue stands utilizing the spray - smother - spray technique.*

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 (723) Vegetation Establishment, Herbaceous Seeding Specification

511	<b>Forage Harvest Management</b> <i>Management</i>			Acre			1
-----	---	--	--	------	--	--	---

	Perennial Crops - Delayed Mowing			Acre	\$3.76	\$5.20	
--	----------------------------------	--	--	------	--------	--------	--

*Payment is only on acres set aside for harvest of hay after upland bird nesting season from May 1 to July 15.*

	Improved Forage Quality			Acre	\$3.22	\$4.45	
--	-------------------------	--	--	------	--------	--------	--

	Preemptive Harvest			Acre	\$3.22	\$4.45	
--	--------------------	--	--	------	--------	--------	--

	Doublecropping - Delayed harvest and subsequent planting			Acre	\$4.01	\$5.55	
--	--	--	--	------	--------	--------	--

1 Practice is only authorized for one payment per acre within the contract period.

2 No more than five separate management practices may be combined per acre.

3 See the (511) Forage Harvest Management conservation practice standard

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
666	<b>Forest Stand Improvement Structural</b>			Acre			10
	<b>Forest Stand Improvement, Light</b> <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	\$77.35	\$107.10	
	<b>Forest Stand Improvement, Medium</b> <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	\$94.91	\$131.41	
	<b>Forest Stand Improvement, Heavy</b> <i>Reduce basal area by &gt; 40 sq ft/ac, or kill &gt; 400 trees/ac, or release &gt;60 crop trees/ac.</i>			Acre	\$120.04	\$166.20	
	<b>Temporary Forest Openings, patch clearcuts</b> <i>Refer to the Temporary Forest Openings Job Sheet.</i>			Acre	\$137.46	\$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)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

410	<b>Grade Stabilization Structure</b>						15	
	<i>Structural</i>			Number				
	<b>Embankment 8in-12in Pipe</b>			Cu Yd Fill	\$2.97	\$4.11		
	<i>Scenario is applicable to any pipe size needed to meet standards and specifications</i>							
	<b>Pipe Drop, Smooth Steel or CMP</b>			Sq Ft	\$8.63	\$11.95		
	<i>Full Flow Drop Pipe Structure. Payment unit is riser weir length * barrel length.</i>							
	<b>Concrete Block Chute</b>			Sq Ft	\$6.46	\$8.94		
	<i>Payment unit is concrete block lined area</i>							
	<b>Rock Rip Rap Chute</b>			Cu Yd Rock	\$45.70	\$63.27		
<b>Concrete Drop Structure</b>			Cu Yd Conc	\$543.45	\$752.47			
<b>Gabion Chute</b>			Cu Yd	\$199.33	\$275.99			
<b>Geotextile Reinforced Vegetated Outlet</b>			Sq Ft	\$1.75	\$2.42			
<b>Side Inlet</b>			Foot	\$43.80	\$60.65			
<i>Bottomland Drop Pipe</i>								

- 1 All Scenarios except "Side Inlet": Payment is authorized when it is the least-cost method for an outlet in conjunction with a (600) Terrace or (412) Grassed Waterway conservation practice, and the terrace or waterway was previously installed or is included in this EQIP application.
- 2 Side Inlet Scenario: Payment is authorized as an outlet in conjunction with Main, Lateral, and/or Field Ditches installed for surface drainage in bottomland fields.
- 3 See the (410) Grade Stabilization Structure conservation practice standard.

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

412	<b>Grassed Waterway</b> <i>Structural</i>			Acre			10
	<b>35-55 foot topwidth</b> <i>Scenario is applicable to any waterway ≤ 55 feet wide</i>			Acre	\$2,218.04	\$3,071.14	
	<b>35-55 foot topwidth with checks</b> <i>Scenario is applicable to any waterway ≤ 55 feet wide</i>			Acre	\$2,943.26	\$4,075.28	
	<b>&gt;55 foot topwidth</b>			Acre	\$2,694.99	\$3,731.53	
	<b>&gt;55 foot topwidth with checks</b>			Acre	\$3,379.48	\$4,679.28	

- 1 *Payment includes vegetation establishment. Do not contract Critical Area Planting (342) in conjunction with this practice. Payment does not include (484) Mulching.*
- 2 *Payment does not include subsurface drainage. If a drainage tile adjacent and parallel to the waterway is required to establish and maintain grass cover in the waterway, then include (606) Subsurface Drain in conjunction with this practice.*
- 3 *See the (412) Grassed Waterway conservation practice standard.*

561	<b>Heavy Use Area Protection</b> <i>Structural</i>			Acre			10
	<b>Gravel without Geotextile, Thick</b> <i>Scenario is applicable to any gravel depth with and without geotextile that meets standards and specifications</i>			Sq Ft	\$0.77	\$1.06	
	<b>Geocell and Gravel HUA</b>			Sq Ft	\$2.57	\$3.56	

- 1 *Payment for this practice is only authorized as a component of (528) Prescribed Grazing, (472) Access Control, or as a part of an existing CNMP.*
- 2 *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)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

422	<b>Hedgerow Planting</b>						
	<i>Structural</i>			Feet			15
	1 row hedgerow, bare-root tree seedling planting stock			Foot	\$0.21	\$0.29	
	1 row hedgerow, bare-root shrub seedling planting stock			Foot	\$0.30	\$0.41	
	1 row hedgerow, container trees planting stock			Foot	\$0.65	\$0.89	
	1 row hedgerow, container shrubs planting stock			Foot	\$1.07	\$1.48	

1 Payment includes tree/shrub costs. Payment does not include site preparation.

2 See the (422) Hedgerow Planting conservation practice standard.

3

315	<b>Herbaceous Weed Control</b>						
	<i>Structural</i>			Acre			5
	<b>Light Spot Treatment</b>			Acre	\$20.69	\$28.65	
	<i>≤ 10% undesirable herbaceous cover</i>						
	<b>Medium Spot Treatments</b>			Acre	\$59.80	\$82.80	
	<i>&gt; 10% undesirable herbaceous cover</i>						
	<b>Blanket Treatment One Pass</b>			Acre	\$40.77	\$56.46	
	<b>Blanket Treatment Multi Pass</b>			Acre	\$88.66	\$122.76	
	<b>Tree &amp; Shrub Post-planting Weed Control</b>			Acre	\$91.03	\$126.04	

1 This practice is authorized for the treatment of herbaceous plants, including those that are invasive, exotic and noxious on all non-cropland areas.

2 When addressing pasture or hayland resource concerns, this practice is only authorized when used in conjunction with (528) Prescribed Grazing and/or (511) Forage Harvest Management.

3 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.

4 In an organic system, herbaceous weed control will most likely be approached as a combination of mechanical treatment, prescribed burning, prescribed grazing and/or use of smother crops to achieve successful control. Where chemical applications are utilized, they must be OMRI approved.

5 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)
---------------	-----------------------	-----------------	--------------------	-----------------------------	--------------	--------------------	------------------

430	<b>Irrigation Pipeline</b> <i>Structural</i>			Feet			20
-----	---	--	--	------	--	--	----

	Micro Irrigation Pipeline			Foot	\$1.93	\$2.68	
	Pipe System <=8 in Diameter, >50 ft Installation			Foot	\$8.77	\$12.15	
	Pipe System <= 8 in Diameter, <= 50 ft Installation			Foot	\$14.20	\$19.66	
	Pipe System 10-12 in Diameter, >50 ft Installation			Foot	\$11.58	\$16.04	
	Pipe System 10-12 in Diameter, <= 50ft Installation			Foot	\$17.46	\$24.17	
	Pipe System >=15 in, >50 ft Installation			Foot	\$17.63	\$24.41	
	Pipe System >=15 in, <= 50ft Installation			Foot	\$27.32	\$37.83	

- 1 The pipeline shall be used to reorganize an existing irrigation system, or to replace a temporary water conveyance system (to convey water from a well or reservoir to the irrigation system).
- 2 Payment is only authorized where a reduction in water use as a result of the implementation of this practice on the operation is documented.
- 3 This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance.
- 4 See the (430) Irrigation Pipeline conservation practice standard.

441	<b>Irrigation System - Microirrigation</b> <i>Structural</i>			Acre			15
-----	---	--	--	------	--	--	----

	Specialty Crop Microirrigation System			Acre	\$1,263.80	\$1,749.88	
	Seasonal High Tunnel Microirrigation System			Each	\$221.46	\$306.64	

- 1 Payment is only authorized where a reduction in water use as a result of the implementation of this practice is documented in an Irrigation Water Management Plan (IWMP) provided prior to contract obligation meeting the requirements for (449) Irrigation Water Management.
- 2 This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance.
- 3 See the (441) Irrigation System - Microirrigation conservation practice standard.

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

443	<b>Irrigation System - Surface and Subsurface Structural</b>			Acre			15
	Multiple Inlet Irrigation			Acre	\$11.73	\$16.24	
	Surge Valve & Controller			Each	\$1,445.22	\$2,001.07	

- 1 Flat-graded fields must have permanent levees established on all sides of the field (except the crown) to be eligible for payment.
- 2 Payment is only authorized where a reduction in water use as a result of the implementation of this practice is documented in an Irrigation Water Management Plan (IWMP) provided prior to contract obligation meeting the requirements for (449) Irrigation Water Management.
- 3 This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance.
- 4 See the (443) Irrigation System – Surface and Subsurface conservation practice standard.

449	<b>Irrigation Water Management Management</b>			Acre			1
	IWM for row crops			Acre	\$7.37	\$10.20	
	IWM for microirrigation systems and specialty crops			Acre	\$38.10	\$52.75	
	IWM for Seasonal High Tunnels			Each	\$285.74	\$395.64	

- 1 Payment is authorized on existing irrigated acres when EQIP funds will be used to apply one or more of the following practices: (430) Irrigation Pipeline, (441) Irrigations System - Microirrigation, (442) Sprinkler System, or (443) Irrigation System - Surface and Subsurface.
- 2 Practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance.
- 3 Practice is only authorized for one payment per acre within the contract period.
- 4 No more than five separate management practices may be combined per acre.
- 5 See the (449) Irrigation Water Management 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	<b>Livestock Pipeline</b>						
	<i>Structural</i>			Feet			20
	Above Ground Pipeline			Foot	\$0.69	\$0.96	
	Buried Pipeline, < 2in Plastic			Foot	\$1.60	\$2.21	
	Buried Pipeline, 2in - 3in Plastic			Foot	\$2.31	\$3.20	
	Buried Pipeline, >3in			Foot	\$4.15	\$5.74	
	<b>Cased Pipeline with Boring</b>			Foot	\$69.19	\$95.80	
	<i>Scenario includes pipe</i>						

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>						
	<i>Management</i>			Acre			1
	Natural Material, Vegetation Establishment			Acre	\$210.57	\$291.56	
	Natural Material, Soil Moisture Management			Acre	\$275.76	\$381.82	
	Synthetic Material, Soil Moisture Management			Acre	\$1,118.96	\$1,549.34	
	Tree and Shrub, Individual Treatment, Soil Moisture Management			Each	\$1.56	\$2.16	
	<i>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.</i>						
	<b>Natural Material, Soil Moisture Management, Seasonal High Tunnel</b>			Each	\$24.79	\$34.33	
	<b>Synthetic Material, Soil Moisture Management, Seasonal High Tunnel</b>			Each	\$50.14	\$69.43	

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)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

590	<b>Nutrient Management Management</b>			Acre			1
-----	---------------------------------------	--	--	------	--	--	---

	<b>Basic NM (Non-Organic/Organic)</b>			Acre	\$2.12	\$2.93	
--	---------------------------------------	--	--	------	--------	--------	--

	<b>Basic NM with Manure and/or Compost (Non-Organic/Organic)</b>			Acre	\$3.64	\$5.04	
--	--	--	--	------	--------	--------	--

*Scenario is applicable to surface applications of manure and/or compost without incorporation.*

	<b>Basic NM with Manure Injection or Incorporation</b>			Acre	\$14.65	\$20.29	
--	--	--	--	------	---------	---------	--

	<b>NM Nitrification/Urease Inhibitors, variable rate, grid/zone soil sampling, soil nitrate/plant tissue test (Non-Organic/Organic)</b>			Acre	\$20.49	\$28.37	
--	---	--	--	------	---------	---------	--

*Payment is authorized for the following activities under this scenario: Nitrification and urease inhibitors with nitrogen fertilizer applications; slow- and controlled-release fertilizer formulations; split applications of nitrogen fertilizers; tissue testing by chlorophyll meter or spectral reflectance sensors (see MO Agronomy Technical Note No. 35); and variable-rate applications of nitrogen fertilizers guided by spectral reflectance as specified in MO Agronomy Technical Note No. 35. See the MO EQIP Nutrient Management Activity Sheet for allowable products and specific implementation requirements.*

*Variable-rate applications of phosphorus and potassium are not authorized for payment under this scenario. Use Basic NM.*

- 1 *Payment is available when all nutrients are applied according to a budget for nitrogen, phosphorus, and potassium, in a nutrient plan.*
- 2 *The budget specifies amounts of nitrogen, phosphate, and potash applied, utilized, and remaining in soil (nutrients supplied - nutrients utilized by crop = nutrients remaining).*
- 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 five 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	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
---------------	-----------------------	-----------------	--------------------	--------------------------------	--------------	--------------------	------------------

104	<b>Nutrient Management Plan</b> <i>Conservation Activity Plan</i>			Number			1
	Nutrient Management CAP Less Than or Equal to 100 Acres (Not part of a CNMP)			Each	\$1,706.40	\$2,047.68	
	Nutrient Management CAP 104 Less Than or Equal to 100 Acres (Element of a CNMP)			Each	\$2,844.00	\$3,412.80	
	Nutrient Management CAP 104- 101-300 Acres (Not part of a CNMP)			Each	\$2,275.20	\$2,730.24	
	Nutrient Management CAP 104 - 101-300 Acres (Element of a CNMP)			Each	\$3,981.60	\$4,777.92	
	Nutrient Management CAP 104 Greater Than 300 Acres (Not part of a CNMP)			Each	\$2,844.00	\$3,412.80	
	Nutrient Management CAP 104 Greater Than 300 Acres (Element of a CNMP)			Each	\$4,834.80	\$5,801.76	

- 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.
- 3 A producer is not required to have this Conservation Activity Plan to receive EQIP financial or technical assistance for related activities.

378	<b>Pond</b> <i>Structural</i>			Number			20
	<b>Embankment, 8in-12in Pipe</b> <i>Scenario is applicable to any pipe size needed to meet standards and specifications</i>			Cu Yd	\$2.97	\$4.12	
	<b>Embankment, Tile Conduit</b>			Cu Yd	\$2.15	\$2.98	

- 1 Payment is only authorized for this practice as a water source in conjunction with (528) Prescribed Grazing.
- 2 The plan for the installation of the pond must be provided to the Area Engineer for evaluation and concurrence, and receive written approval from the Area Conservationist prior to CPO development.
- 3 See the (378) Pond conservation practice standard.

521B	<b>Pond Sealing or Lining - Soil Dispersant</b> <i>Structural</i>			Number			20
	<b>Soil Dispersant - Uncovered</b>			Cu Yd	\$4.40	\$6.09	

- 1 Payment unit is cu yd of liner.
- 2 Practice is only authorized for payment when used with (313) Waste Storage Facility or (632) Waste Separation Facility
- 3 See the (521B) Pond Sealing or Lining - Soil Dispersant 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	<b>Prescribed Burning Management</b>			Acre			1
	Grassland, > 10 acres			Acre	\$20.27	\$28.07	
	Grassland, Small acreage (<=10 acres)			Acre	\$25.43	\$35.22	
	Woodland, >10 acres			Acre	\$53.35	\$73.87	
	Woodland, Small acreage (<=10 acres)			Acre	\$76.86	\$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 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)
528	<b>Prescribed Grazing Management</b>			Acre			1
	<b>Low Intensity, &gt; 7 Day Rotation Frequency</b>			Acre	\$18.30	\$25.33	
	<b>Medium Intensity, 7-3 Days Rotation Frequency</b>			Acre	\$28.00	\$38.77	
	<b>High Intensity, &lt;=2 Day Rotation Frequency</b>			Acre	\$39.78	\$55.09	
	<b>Enhanced - Strip Grazing</b>			Acre	\$47.16	\$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>						
	<b>High Density Grazing</b>			Acre	\$53.22	\$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>						
	<b>Deferment for Wildlife</b>			Acre	\$39.07	\$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 deferrment 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>						
	<b>Long Term Deferment</b>			Acre	\$52.66	\$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 deferrment for forage establishment. If utilized for wildlife species nesting/cover, grazing must be defered for a continuous ≥210 day period that includes the primary nesting season of May 1 - July 15.</i>						
	<b>Biological Control with Grazing Animals</b>			Acre	\$542.36	\$750.95	
	<i>Payment for Biological Control is only authorized on areas with &gt;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 No more than five separate management practices may be combined per acre.

3 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	<b>Pumping Plant</b> <i>Structural</i>			Number			15
	Wastewater Pump < 1 Hp			Each	\$815.06	\$1,128.55	
	Wastewater Pump 1-5 Hp			Each	\$2,137.74	\$2,959.95	
	Manure Pump >5 Hp			Each	\$5,172.13	\$7,161.42	
	Small Wastewater Fuel Driven Pump <= 50 Hp			Each	\$16,046.66	\$22,218.46	
	Large Wastewater Fuel Driven Pump > 50 Hp			Each	\$20,735.50	\$28,710.69	
	Livestock Water, Shallow Well Pump (<= 25 ft deep)			Each	\$970.68	\$1,344.01	
	Livestock Water, Shallow Well Pump (<= 25ft deep) with Above Ground Pump House			Each	\$1,562.68	\$2,163.71	
	Livestock Water, Deep Well Pump (>25 ft deep)			Each	\$1,230.21	\$1,703.36	
	Livestock Water, Deep Well Pump (> 25ft deep) with Above Ground Pump House			Each	\$1,822.21	\$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	\$2,141.87	\$2,965.66	
	Solar Pump for Deep Well			Each	\$6,850.26	\$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	\$763.94	\$1,057.77	

- 1 Wastewater/Manure Pump options: Payment is only authorized when included as a component of an existing CNMP. The type and size of the pump must be provided to the Area Engineer for evaluation and then submitted to the Area Conservationist (AC) and receive written approval from the AC prior to CPO development.
- 2 Livestock Water options: Payment is only authorized when needed as a component of (528) Prescribed Grazing, (472) Access Control and/or an existing CNMP (for wellhead replacement).
- 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.

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

329	<b>Residue and Tillage Management, No Till Management</b>			Acre			1
	<b>No-Till/Strip-Till</b>			Acre	\$13.33	\$18.46	

- 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 Practice is eligible for payment after all crops in rotation have been no tilled according to the 329 CPS.
- 6 No more than five separate management practices may be combined per acre.
- 7 See (329) Residue and Tillage Management, No Till conservation practice standard.

391	<b>Riparian Forest Buffer Structural</b>			Acre			15
	<b>Direct Seeding</b>			Acre	\$507.40	\$702.55	
	<b>Bareroot trees, each</b>			Each	\$1.14	\$1.57	
	<b>Bareroot shrubs, each</b>			Each	\$0.83	\$1.15	
	<b>Container Tress and Shrubs (3 gallon), Each</b>			Each	\$12.88	\$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.

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

390	<b>Riparian Herbaceous Cover</b>						5
	<i>Structural</i>			Acre			
	Native Grass			Acre	\$450.77	\$624.14	
	Pollinator			Acre	\$417.24	\$577.72	
	Giant Canebreak Restoration			Acre	\$1,220.87	\$1,690.44	
	Prairie Cordgrass Restoration			Acre	\$710.33	\$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.

367	<b>Roofs and Covers</b>						10
	<i>Structural</i>			Number			
	Roof Structure, 33 feet to 60 feet Wide			Sq Ft	\$5.53	\$7.65	
	<i>Scenario is applicable to any roof ≤ 60 feet wide</i>						
	Roof Structure, more than 60 feet Wide			Sq Ft	\$3.20	\$4.43	

- 1 Payment for this practice is only authorized when included as a component of an existing CNMP, 138 CAP, or OSP where waste is generated by agricultural production or processing.
- 2 The proposed installation must be reviewed and approved by the Area Conservationist prior to ranking of the EQIP application.
- 3 Payment is not authorized for roof/cover over an area typically used for production livestock housing.
- 4 See the MO NRCS "PreEng Structure" Activity Sheet and the (367) Roofs and Covers conservation practice standard.

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

574	<b>Spring Development</b>						
	<i>Structural</i>			Number			20
	Horizontal Collection Pipe			Each	\$621.09	\$859.97	
	Collection Structure			Each	\$829.37	\$1,148.36	
	Horizontal Pipe with Collection Box			Each	\$1,539.21	\$2,131.21	
	Vertical Collection & Storage Pipe			Each	\$1,296.46	\$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 See the (574) Spring Development conservation practice standard.

442	<b>Sprinkler System</b>						
	<i>Structural</i>			Acre			15
	Conversion to Center Pivot or Linear Move System			Acre	\$400.08	\$553.96	
	<i>Payment for Conversion to Center Pivot System is authorized on fields with existing surface-flooded irrigation systems being converted to a center pivot irrigation system. This option is not authorized for converting from a 'traveling gun' system.</i>						
	Sprinkler Conversion to Low Pressure			Foot	\$4.94	\$6.84	
	<i>Payment is only for conversion of high pressure to low pressure sprinkler system. Payment is not authorized for re-nozzling a low pressure system.</i>						

- 1 Payment is only authorized where a reduction in water use as a result of the implementation of this practice is documented in an Irrigation Water Management Plan (IWMP) provided prior to contract obligation meeting the requirements for (449) Irrigation Water Management.
- 2 This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance; payment is not available for wells or power supplies.
- 3 See the (442) Sprinkler System 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	<b>Stream Crossing</b>						
	<i>Structural</i>			Number			10
	Concrete Crossing			Sq Ft	\$4.76	\$6.59	
	Rip Rap Crossing			Sq Ft	\$2.14	\$2.96	

- 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.
- 2 Financial assistance is not available for bridges or culverts.
- 3 Stream crossings will be constructed at the same elevation as the channel bed.
- 4 Applicant will acquire all US Army Corps of Engineers permits and wetland determinations before practice commencement.
- 5 See the (578) Stream Crossing conservation practice standard.

585	<b>Stripcropping</b>						
	<i>Structural</i>			Acre			5
	Stripcropping - wind and water erosion			Acre	\$1.08	\$1.49	

- 1 See the (585) Stripcropping conservation practice standard.

606	<b>Subsurface Drain</b>						
	<i>Structural</i>			Feet			20
	<= 5in CPP			Foot	\$1.36	\$1.88	
	6in CPP			Foot	\$1.64	\$2.27	
	8in CPP			Foot	\$3.89	\$5.38	
	10in CPP			Foot	\$5.14	\$7.11	
	12in CPP			Foot	\$5.77	\$7.98	
	>= 15in CPP			Foot	\$7.38	\$10.22	

- 1 Payment is only authorized for this practice when it is required to establish and maintain (412) Grassed Waterway vegetation cover in conjunction with the installation of a (412) Grassed Waterway.
- 2 See the (606) Subsurface Drain conservation practice standard

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
600	<b>Terrace</b> <i>Structural</i>			Feet			10
	Broadbase, no Topsoiling			Foot	\$1.76	\$2.44	
	Broadbase, with Topsoiling			Foot	\$2.82	\$3.91	
	Grassed Front or Steep Backslope, no Topsoiling			Foot	\$1.55	\$2.15	
	<i>Scenario is also applicable to Narrowbase terrace installations. Scenario does not include seeding, utilize (342) Critical Area Planting.</i>						
	Grassed Front or Steep Backslope, with Topsoiling			Foot	\$2.61	\$3.61	
	<i>Scenario is also applicable to Narrowbase terrace installations. Scenario does not include seeding, utilize (342) Critical Area Planting.</i>						
	1 See the (600) Terrace conservation practice standard.						
612	<b>Tree/Shrub Establishment</b> <i>Structural</i>			Acre			15
	Hardwood Establishment, Direct Seeding			Acre	\$507.40	\$702.55	
	Bareroot Trees and Shrubs, Each			Each	\$0.49	\$0.68	
	Bareroot Tress and Shrubs, with Tree Shelters, Each			Each	\$2.21	\$3.06	
	<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>						
	Container Trees and Shrubs (3 gallon), Each			Each	\$7.48	\$10.36	
	Container Tress and Shrubs (3 gallon) with tree shelters, Each			Each	\$10.80	\$14.95	
	<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>						
	1 See the (612) Tree/Shrub Establishment conservation practice standard.						
490	<b>Tree/Shrub Site Preparation</b> <i>Structural</i>			Acre			1
	Light Mechanical			Acre	\$36.22	\$50.15	
	Light Mechanical with Chemical			Acre	\$72.00	\$99.69	
	1 Where chemical applications are utilized, they must be OMRI approved.						
	2 See the (490) Tree/Shrub Site Preparation conservation practice standard.						

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
620	<b>Underground Outlet</b> <i>Structural</i>			Feet			20
	6in Diameter Pipe with Risers <i>Scenario is applicable to any pipe ≤ 8in diameter</i>			Foot	\$2.27	\$3.14	
	10in Diameter Pipe with Risers			Foot	\$5.90	\$8.17	
	>=12in Diameter Pipe with Risers			Foot	\$7.67	\$10.62	

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

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

313	<b>Waste Storage Facility</b> <i>Structural</i>			Number			15
-----	--	--	--	--------	--	--	----

	Earthen Storage Facility			Cu Ft	\$0.13	\$0.18	
	Glass Lined Steel Tank, <25,000 Cu Ft Storage			Cu Ft	\$3.70	\$5.13	
	Glass Lined Steel Tank, 25,000 - 99,999 Cu Ft Storage			Cu Ft	\$1.43	\$1.98	
	Glass Lined Steel Tank, >=100,000 Cu Ft Storage			Cu Ft	\$1.13	\$1.57	
	Concrete Lid Tank, <1,000 Cu Ft Storage			Cu Ft	\$9.30	\$12.88	
	Concrete Lid Tank, >=1,000 Cu Ft Storage			Cu Ft	\$3.83	\$5.30	
	Concrete Tank Open Top, <5,000 Cu Ft Storage			Cu Ft	\$3.22	\$4.45	
	Concrete Tank Open Top, 5,000 - 7,499 Cu Ft Storage			Cu Ft	\$3.00	\$4.16	
	Concrete Tank Open Top, 7,500 - 14,999 Cu Ft Storage			Cu Ft	\$2.25	\$3.12	
	Concrete Tank Open Top, 15,000 - 24,999 Cu Ft Storage			Cu Ft	\$1.20	\$1.67	
	Concrete Tank Open Top, 25,000 - 49,999 Cu Ft Storage			Cu Ft	\$1.20	\$1.67	
	Concrete Tank Open Top, 50,000 - 74,999 Cu Ft Storage			Cu Ft	\$0.95	\$1.32	
	Concrete Tank Open Top, 75,000 - 109,999 Cu Ft Storage			Cu Ft	\$0.86	\$1.19	
	Concrete Tank Open Top, >=110,000 Cu Ft Storage			Cu Ft	\$0.76	\$1.05	
	<i>The payment unit for all above scenarios is Cu Ft of Total Storage Volume</i>						
	Dry Stack Facility, Concrete Floor without Side Walls			Sq Ft	\$3.06	\$4.24	
	Dry Stack Facility, Earthen Floor with Concrete Side Walls			Cu Ft	\$0.81	\$1.12	
	Dry Stack Facility, Concrete Floor with Concrete Side Walls			Cu Ft	\$1.40	\$1.94	

*See the Missouri EQIP Activity Sheet for Dry Stack Facilities for additional guidance and requirements. The payment unit for the Dry Stack Facilities with side walls is Cu Ft of storage volume to the top of the wall.*

- 1 Payment for this practice is only authorized when included as a component of an existing CNMP, 138 CAP, or OSP where waste is generated by agricultural production or processing.*
- 2 Payment for this practice is only authorized for Animal Feeding Operations (AFO) (see definition in footnote 3/).*
- 3 See the (313) Waste Storage Facility conservation practice standard.*

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

634	<b>Waste Transfer</b>						15
	<i>Structural</i>			Number			
	Wastewater catch basin, less than 1000 gal.			Gallon	\$3.97	\$5.49	
	Manure Flush System			Gallon	\$3.64	\$5.04	
	Concrete Channel, no footers			Sq Ft	\$5.71	\$7.91	
	Wastewater Recycle System for Flush System, Pipes only			Foot	\$5.86	\$8.12	
	Gravity or Low Pressure Flow Pipeline, Small			Foot	\$10.96	\$15.17	
	Pressurized Pipeline			Foot	\$11.60	\$16.06	
Cased Pipeline with Boring			Foot	\$83.22	\$115.23		
	<i>Scenario includes pipe</i>						

- 1 Payment for this practice is applicable only as a component of an existing CNMP, 138 CAP, or OSP where waste is generated by agricultural production or processing.
- 2 Transfer may be from a production facility to a storage/treatment facility or from a storage/treatment facility to an area of utilization.
- 3 See the (634) Waste Transfer conservation practice standard.

638	<b>Water and Sediment Control Basin</b>						10
	<i>Structural</i>			Number			
	Base			Cu Yd Fill	\$1.94	\$2.68	
	Topsoil			Cu Yd Fill	\$2.15	\$2.97	
	<i>Scenario includes the cost for construction of the base of the structure plus the topsoiling. Do not contract the Base scenario plus the Topsoil scenario.</i>						

- 1 Payment does not include pipe. Underground Outlet (620) may be needed in conjunction with this practice.
- 2 See the (638) Water and Sediment Control Basin conservation practice standard.

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

642	<b>Water Well</b> <i>Structural</i>			Number			20
	<b>Large Diameter Drilled Well</b>			Foot	\$122.17	\$169.16	
	<i>Large diameter wells provide water storage in low yield wells typically using diameters 36 - 60 inches. Commonly utilized in northern Missouri.</i>						
	<b>Shallow Drilled Well, &lt;= 100 feet, &lt;= 6in Diam</b>			Foot	\$35.76	\$49.51	
	<b>Shallow Drilled Well, &lt;= 100 feet, &gt; 6in Diam</b>			Foot	\$42.75	\$59.19	
	<b>Deep Drilled Well, &gt; 100 Feet</b>			Foot	\$18.09	\$25.05	

- 1 Payment is only authorized for this practice as a component of (528) Prescribed Grazing, (472) Access Control and/or a CNMP (CNMP must identify that a new water well is necessary to comply with wellhead protection requirements before technical or financial assistance is provided).
- 2 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.
- 3 Payment is not authorized for electricity or a power unit.
- 4 See the (642) Water Well conservation practice standard.

614	<b>Watering Facility</b> <i>Structural</i>			Number			10
	<b>Portable Tank</b>			Each	\$130.14	\$180.19	
	<b>Tire Tank</b>			Each	\$769.67	\$1,065.70	
	<i>Payment is authorized using this scenario for all permanent tank installations that meet the 614 conservation practice standard.</i>						
	<b>Above Ground Storage, 1,000 - 3,000 gallons</b>			Each	\$1,903.07	\$2,635.02	
	<b>Above Ground Storage, &gt;3,000 gallons</b>			Each	\$3,189.86	\$4,416.73	
	<b>Underground Storage Tank</b>			Each	\$3,066.77	\$4,246.29	
	<i>Payment is only authorized for underground storage tanks &gt;1000 gallons</i>						
	<b>Access Ramp</b>			Sq Ft	\$1.25	\$1.73	

- 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.

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

380	<b>Windbreak/Shelterbelt Establishment</b> <i>Structural</i>			Feet			15
	1 row windbreak, bare-root tree seedling planting stock			Foot	\$0.24	\$0.34	
	1 row windbreak, bare-root tree seedling planting stock, temporary irrigation			Foot	\$0.35	\$0.48	
	1 row windbreak, bare-root shrub seedling planting stock			Foot	\$0.35	\$0.48	
	1 row windbreak, bare-root shrub seedling planting stock, temporary irrigation system			Foot	\$0.45	\$0.62	
	1 row windbreak, containerized tree planting stock			Foot	\$0.52	\$0.72	
	1 row windbreak, containerized tree planting stock, temporary irrigation			Foot	\$1.30	\$1.80	
	1 row windbreak, containerized shrub planting stock			Foot	\$1.66	\$2.30	
	1 row windbreak, containerized shrub planting stock, temporary irrigation			Foot	\$2.44	\$3.38	

- 1 *Payment includes tree/shrub costs. Payment does not include site preparation. Tree/Shrub Site Preparation (490) may be needed in conjunction with this practice.*
- 2 *Payment Rate is per row of Windbreak/Shelterbelt multiplied by the number of rows planned as specified in the conservation practice standard.*
- 3 *Irrigation history is not required for the temporary irrigation scenarios.*
- 4 *See the (380) Windbreak/Shelterbelt 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)
---------------	-----------------------	-----------------	--------------------	-----------------------------	--------------	--------------------	------------------

### 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/ AFO = Animal Feeding Operation. An AFO is an agricultural operation where animals are kept and raised in confined situations. AFOs generally congregate animals, feed, manure, dead animals, and production operations on a small land area. Feed is brought to the animals rather than the animals grazing or otherwise seeking feed in pastures, fields, or on rangeland. An AFO is a lot or facility (other than an aquatic animal production facility) where both of the following conditions are met:
  - (a) Animals have been, are, or will be stabled or confined and fed or maintained for a total of 45 days or more in any 12-month period (note: 45 days do not have to be consecutive).
  - (b) Crops, vegetation, forage growth, or post-harvest residues are not sustained in the normal growing season over any portion of the lot or facility (note: greater than 50% of the lot does not sustain vegetative cover to be considered an AFO per MO Code of State Regulations 6.300(1)(B)4).

CNMP Comprehensive Nutrient Management Plan

OSP Organic System Plan

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

This Program Policy is approved for use in Missouri

J. R. Flores

November 17, 2016

Missouri State Conservationist

Date