

# Missouri 2004 EQIP Program Policies

The following is a summary of the conservation components that are eligible for EQIP financial assistance. Planned conservation practices must comply with all federal, state, and local laws and regulations.

All conservation practices and components receiving financial assistance unless otherwise stated in the program policies must:

1. Be maintained for the life-span of the practice as defined in the EQIP manual or EQIP contract, whichever is more and;
2. Comply with the conservation practice standards in the Field Office Technical Guide.

Conservation Practice extents eligible for financial assistance are the minimum extents specified in the practice standard. Extents above the minimum necessary to meet practice criteria are not eligible for additional payment.

Incentive payments are only available on tracts of land where the practice has not been previously applied. Incentive payments are NOT authorized on the tract (or all land included in this application, whichever is greater) if the conservation practice has already been implemented on the tract applying for EQIP, with or without financial assistance. EQIP incentive payments are limited to three years per practice per contract.

Conservation practices that address air quality are eligible for financial assistance in FY04. Air quality issues may include carbon sequestration, emission reduction, odor control and reduction in particulate matter. Specific conservation practice information can be found in the Missouri NRCS Field Office Technical Guide (eFOTG) at (<http://www.nrcs.usda.gov/technical/efotg/>).

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

**Cost share and incentive rates shown below are for Limited Resource Farmers, Non Limited Resource Farmers, and Beginning Farmers, as specified. See also Section IV of the Missouri Field Office Technical Guide (eFOTG) at (<http://www.nrcs.usda.gov/technical/efotg/>), for the conservation practice standard of each practice listed below.**

<b>311</b>	<b>Alley Cropping</b>	
	Incentives are available only on the acres planted to trees and the grass buffer strip planted adjacent to the tree planting (not the entire field acreage). No more than 50 % of the acres in any cropland field are eligible to enroll in this practice through EQIP.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u> : Incentive payment will be \$50.00 /ac/yr., NTE three (3) years per participant. Acres receiving this incentive are NOT eligible for any other EQIP incentives.

<b>316 Animal Mortality</b>	
(State standard under development. See National Standard)	
Cost share for this practice is authorized only as a component of a COMPREHENSIVE NUTRIENT MANAGEMENT PLAN (CNMP). Cost share is authorized where a suitable disposal method of animal mortalities is needed to prevent pollution, control disease, and improve environmental quality.	<b>COST SHARE:</b> AC. Cost share is authorized as follows, based upon planned expansion of animal numbers of existing operations or based upon new operations:
<b>Beginning Farmers and Non Limited Resource Farmers:</b>	
<u>Expansion of up to 100% of the existing operation</u> – cost share will be 50 % of the county average cost.	
<u>Expansion of 100 % or more of the existing operation</u> – cost share will be 40 % of the county average cost.	
<u>New livestock operations</u> – cost share will be 30 % of the county average cost.	
<b>Limited Resource Farmers</b>	
<u>Expansion of up to 100 % or expansion of 100% or more of the existing operation</u> – cost share will be 75% of the county average cost. When this practice is applied as part of an animal waste system, cost share will be 90% of the county average cost.	
<u>New livestock operations</u> – cost share will be 50% of the county average cost.	
<b>314 Brush Management</b>	
Cost share for this practice is authorized for the removal, reduction, or manipulation of non-herbaceous plants.	<b>COST SHARE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers:</u> FR. Cost share will be a flat rate of \$5.00 per acre.
<b>360 Closure of Waste Impoundments</b>	
Cost share for this practice is authorized for properly closing a waste storage facility (or converting a facility for freshwater use) that is no longer in use and is a potential safety, health, or environmental hazard if unmanaged.	<b>COST SHARE:</b> AA. <u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the actual cost NTE 50% of the county average cost. <u>Limited Resource Farmers:</u> Cost share will be 75% of the actual cost NTE 75% of the county average cost. When this practice is a part of an animal waste system, cost share will be 90% of the actual cost NTE 90% of the county average cost.
<b>317 Composting Facility</b>	
Cost share for this practice is authorized only as part of a Comprehensive Nutrient Management Plan (CNMP). For disposal of animal mortalities, see "Animal Mortality".	<b>COST SHARE:</b> AC. <u>The maximum cost share available for a composting structure is \$15,000.00 per operation.</u> When the stackhouse and composter are in the same structure, the maximum cost share will be \$30,000. Cost share is authorized as follows, based upon planned expansion of animal numbers of existing operations or based upon new operations:
<b>Beginning Farmers and Non Limited Resource Farmers:</b>	
<u>Expansion of up to 100% of the existing operation</u> – cost share will be 50 % of the county average cost.	
<u>Expansion of 100 % or more of the existing operation</u> – cost share will be 40 % of the county average cost.	
<u>New livestock operations</u> – cost share will be 30 % of the county average cost.	
<b>Limited Resource Farmers:</b>	
<u>Expansion of up to 100 % or expansion of 100% or more of the existing operation</u> – cost share will be 75% of the county average cost. When this practice is a part of an animal waste system, cost share will be 90% of the county average cost.	
<u>New livestock operations</u> – cost share will be 50% of the county average cost.	

<b>327 Conservation Cover</b>	
<p>Cost share is available for the establishment of permanent vegetative cover when the field has been farmed, hayed, grazed, or in CRP two of the last five years. This practice must be managed for wildlife habitat. Only those grasses or legumes and associated mixtures rated as 60 % or more excellent for wildlife in Table 2 of the CONSERVATION COVER (327) standard in the eFOTG will be eligible for incentives. Grazing will be allowed only when required in an approved wildlife habitat management plan. Fertilizer required for the maintenance of the established stand will be applied at the applicant's expense. Components eligible for cost share could include seedbed preparation, lime, fertilizer, seed, seeding, and mulching. Not all components are eligible for every site.</p>	<p><b>COST SHARE: AC.</b></p> <p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost.</p> <p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost.</p>
<b>328 Conservation Crop Rotation</b>	
<p>Incentive payments are authorized for this practice if used to plant grass and/or forage legumes in rotation to reduce soil erosion by wind or water. As a part of the crop rotation, the grass and/or forage legumes must be planted a minimum of twice during the contract period on the same acres, each planting separated by at least three (3) years of row crop. Each grass and/or forage legume planting must be maintained for a minimum of one year of the crop rotation to be eligible for the incentive.</p> <p><b>Organic Crop Production</b> – To be eligible for organic crop production incentive payments, the acres cannot be previously used to produce organic crops, but may currently be in transition to organic crop production. Organic crop certification by a state of Missouri approved certifying agency is required.</p>	<p><b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers:</u> Incentive payment will be \$20 /ac/yr., NTE three (3) years per participant, for only those years that the area is seeded to grass or legumes. Payments are not authorized for consecutive years on the same acreage. Acres receiving this incentive are eligible for other EQIP incentives.</p>
	<p><b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers:</u> Incentive payment will be \$40/ac/yr., NTE three (3) years per participant. Acres receiving this incentive are eligible for other EQIP incentives.</p>
<b>332 Contour Buffer Strips</b>	
<p>Incentives are authorized for the maintenance of grass buffer strips on sloping cropland to reduce sheet and rill soil erosion and sediment yield. This practice is not applicable on undulating to rolling topography because of difficulty of maintaining parallel strip boundaries across the hill slope or staying within row grade limits.</p>	<p><b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers:</u> The Incentive payment will be \$50/ac/yr., NTE three (3) years per participant, on only the acres seeded to grass for buffer strips (not the entire field). Acres receiving this incentive are NOT eligible for any other EQIP incentives.</p>

<b>585 Contour Stripcropping</b>		
	Incentive payments are authorized for the management of this practice on sloping cropland where contour stripcropping effectively reduces soil and water losses. FIELD BORDERS (386) are required in conjunction with this practice in order to qualify for financial incentives.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u> : Incentive payment will be \$10.00 /ac/yr. for the entire acreage protected (may be the entire field) by the practice, NTE three (3) years per participant.
<b>340 Cover Crop</b>		
	Incentive payments are authorized for the management of this practice on cropland and associated land uses where temporary cover is desired. when a cover or green manure crop is seeded and maintained until at least March 15, and hay or seed is not harvested from the seeded crop. In cases where the purpose is to reduce soil erosion, the cover must be maintained through the critical erosion period according to the Residue Management Seasonal (344) standard.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u> : Incentive payment will be \$15.00 /ac/yr.
<b>342 Critical Area Planting</b>		
	Cost share is authorized for those areas that usually cannot be stabilized by ordinary conservation treatment and management and if left untreated can cause severe soil erosion or sediment damage. Components eligible for cost share through this practice include seedbed preparation, lime, fertilizer, seed, seeding, grading and shaping, and mulching. Not all components are eligible on every site.	<b>COST SHARE: AC.</b> <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the county average cost. When this practice is applied as part of an Animal Waste System or Terrace System, cost share will be 90% of the county average cost.
<b>362 Diversion</b>		
	Cost share is authorized for this practice when it is desirable to divert water from an unstable watercourse to a stable watercourse; and when diversion flow from one watercourse to another does not adversely impact downstream uses and does not violate state law.	<b>COST SHARE: AC.</b> <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the county average cost.
<b>647 Early Successional Habitat Development/Management</b>		
	Incentive payments are authorized for the establishment and maintenance of this practice on all lands that are suitable for the kinds of wildlife and plant species that are desired. Treatment must result in 30 to 50% bare ground on the area treated.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u> : Incentive payment will be \$15 /ac/yr., NTE three (3) years. Acres receiving this incentive are NOT eligible for any other EQIP incentives.
<b>382 Fence</b>		
	Cost share is authorized for this practice only as a component of PRESCRIBED GRAZING (528A), and/or USE EXCLUSION (472) to exclude livestock from areas that need protection; confine livestock to an area; control domestic livestock while permitting wildlife movement; and/or subdivide grazing land to facilitate the use of grazing systems. Property line fence. or any fence that is the last barrier to the property line is not eligible for cost share.	<b>COST SHARE: AC.</b> <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the county average cost.

<b>386 Field Border</b>	
<p>Incentives are authorized for management of this practice at the edges of cropland fields. Endrows must be eliminated to qualify for financial incentives. The maximum width for incentive payments is 60 feet, the minimum width is 30 feet. To qualify for the “wildlife friendly incentive”, plantings must be native warm season grasses, or those grasses or legumes and associated mixtures rated as 60 % or more excellent for wildlife in Table 2 of the CONSERVATION COVER (327) standard in the eFOTG. Plantings may only be hayed from July 15 to August 15. Management will be according to the WILDLIFE UPLAND HABITAT MANAGEMENT (645) standard.</p>	<p><b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u>: Acres receiving this incentive are NOT eligible for any other EQIP incentives.</p>
	<p><u>Not wildlife friendly grasses</u> – the incentive payments will be \$20 /ac/yr., NTE three (3) years. Incentive payments are NOT authorized on acres receiving any other EQIP incentive payments.</p>
	<p><u>Wildlife friendly grasses</u> – the incentive payments will be \$50.00/ac/yr., NTE three (3) years. Incentive payments are NOT authorized on acres receiving any other EQIP incentive payments.</p>
<b>393 Filter Strip</b>	
<p>Incentives are authorized for the management of perennial herbaceous vegetation filter strips on cropland, hayland, grazing land, or disturbed land adjacent to streams, permanent water bodies, sinkholes, and wetlands and where there is a need to filter sediment, particulate organic matter and/or dissolved contaminants. The certified planner will determine the width of the filter based upon the minimum required per the practice standard. Maximum width is 100 feet.</p>	<p><b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u>: payments will be \$50 /ac/yr., NTE three (3) years per participant.</p>
<b>655 Forest Harvest Trails and Landings</b>	
<p>Cost share is authorized for this practice and will be limited to rehabilitating harvest trails and landings (water bars, shaping, dips, seeding, and turnouts) disturbed during logging operations.</p>	<p><b>COST SHARE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u>: FR. Cost share will be a flat rate of \$300.00 per acre up to 20 acres, then \$15.00 for each additional acre.</p>
<b>490 Forest Site Preparation</b>	
<p>Cost share is authorized for this practice for tree and shrub site preparation methods (chemical, mechanical, slashing, or prescribed burning) and temporary cover.</p>	<p><b>COST SHARE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u>: FR. This practice is eligible for flat rate payments at the following rates:</p>
<b>Flat Rate Cost Share Rates</b>	
<b>Cropland Areas:</b>	
<u>Light</u> : \$10.00 per acre (single activities such as disking, chemical application, and burning)	
<b>Non-Cropland Areas:</b>	
<u>Light</u> : \$15.00 per acre (activities such as disking, chemical application, burning and/or light woody removal)	
<u>Medium</u> : \$40.00 per acre (multiple activities and moderate woody removal)	
<u>Heavy</u> : \$65.00 per acre (multiple activities that includes heavy equipment and extensive woody removal)	

<b>666 Forest Stand Improvement</b>	
<p>Cost share is authorized for this practice for the improvement of forest health and management. Field offices should avoid cost sharing in situations in which the landowner's intent is to sell the removed stems after the practice is completed or during the treatment operation. Cost share may be used in conjunction with a commercial harvest to treat the residual/remaining stand after a commercial harvest. Livestock must be excluded for the lifespan of this practice.</p>	<p><b><u>COST SHARE</u></b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u>: FR. See also practices 391, 338, or 645 as applicable. Cost share is NOT authorized for this practice in forest stands if the cost shared stems may be removed commercially (timber, posts, or fuel wood) during forest stand improvement work. Cost share will be a flat rate payment at the following rates for the desired improvement activity:</p>
<b>Activity</b>	<b>BA Thinning Reduction</b>
<u>Light</u> improvement: \$25.00 per acre	20 - 30 BA
<u>Medium</u> improvement: \$40.00 per acre	31 - 40 BA
<u>Heavy</u> improvement: \$55.00 per acre	>40 BA
<b>412 Grassed Waterway</b>	
<p>Cost share is authorized for this practice where added capacity, vegetative protection, or both are required to control soil erosion resulting from concentrated runoff and where such control can be achieved by the use of this practice alone or combined with other conservation practices. Soil conditions must be satisfactory for producing the required vegetative cover.</p>	<p><b><u>COST SHARE</u></b>: AC.</p> <p><u>Beginning Farmers and Non Limited Resource Farmers</u>: Cost share will be 50% of the county average cost.</p> <p><u>Limited Resource Farmers</u>: Cost share will be 75% of the county average cost. When this practice is applied as part of a Terrace System, cost share will be 90% of the county average cost.</p>
<b>561 Heavy Use Area Protection</b>	
<p>Cost share is authorized for this practice only as a component of PRESCRIBED GRAZING (528A), RIPARIAN FOREST BUFFER (391), or a COMPREHENSIVE NUTRIENT MANAGEMENT PLAN (CNMP). Cost share will be limited to fencing, gravel, crushed stone, rip-rap rock, concrete, wood materials, geotextiles, and earth work to construct and protect stream crossings, landings, and trails. Stream crossings will be constructed at the same elevation as the channel bed or as a component of a CNMP. Applicant will acquire all COE permits and wetland determinations before practice commencement. Cost share is NOT available for bridges.</p>	<p><b><u>COST SHARE</u></b>: AC.</p> <p><u>Beginning Farmers and Non Limited Resource Farmers</u>: Cost share will be 50% of the county average cost.</p> <p><u>Limited Resource Farmers</u>: Cost share will be 75% of the county average cost. When this practice is applied as part of an Animal Waste System, cost share will be 90% of the county average cost.</p>
<b>422A Herbaceous Wind Barrier</b>	
<p>Incentive payments are authorized for the establishment and management of permanent grass strips according to the practice standard for control of soil erosion by wind. The established stand must be maintained for the life span of the practice. Only native warm-season grasses, warm-season grass mixtures, wildlife friendly cool-season mixtures, or wildlife friendly grass and legume mixture plantings are eligible. No more than one-third of the acreage will be mowed, burned, or hayed annually. Mowing will occur between July 15 and August 15. Fertilizer required for the maintenance of the established stand will be applied at the applicant's expense.</p>	<p><b><u>INCENTIVE</u></b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u>: Incentive payment will be \$50.00 /ac/yr. for the actual acreage planted, NTE three (3) years per participant. Incentive payments are NOT authorized on acres receiving any other EQIP incentive payments.</p>

<b>464 Irrigation Land Leveling</b>	
Cost share is authorized only for re-grading cropland fields that are currently surface irrigated. This practice is only available on land that has been irrigated for two of the last five years prior to application for assistance.	<b>COST SHARE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u> : FR. Cost share will be a flat rate of \$65.00 per acre.
<b>552A Irrigation Pit or Regulating Reservoir</b>	
Cost share is authorized for construction of an earthen reservoir or pit according to the practice standard on land in conjunction with a tailwater recovery system. This practice is only available on land that has been irrigated for two of the last five years prior to application for assistance.	<b>COST SHARE</b> : AC. <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the county average cost for earth movement. <u>Limited Resource Farmers</u> : Cost share will be 75% of the county average cost for earth movement.
<b>441 Irrigation System, Drip</b>	
Cost share is authorized for this practice only for conversion from surface or sprinkler irrigated cropland to drip irrigation systems. Cost share is available for installing buried lateral line and appurtenances according to the practice standard. Cost share is also available for the installation of mainlines, submains, and appurtenances according to the requirements of the IRRIGATION WATER CONVEYANCE, HIGH PRESSURE, UNDERGROUND PLASTIC PIPELINE (430-DD) standard. Cost share is not available for filtration, fertigation, and automated zone control units installed as part of the drip system. This practice is only available on land that has been irrigated for two of the last five years prior to application for assistance.	<b>COST SHARE</b> : AC. <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the county average cost.
<b>442 Irrigation System, Sprinkler</b>	
<b>Conversion</b> : On cropland fields with existing surface irrigation systems, cost share is authorized for conversion to a high efficiency sprinkler irrigation system. Cost share is NOT available for wells, power supplies, or pumps. Systems must be in place at the time of the application to be eligible. This practice is only available on land that has been irrigated for two of the last five years prior to application for assistance.	<b>COST SHARE</b> : AC. <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 40% of the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the county average cost.
<b>Replacement</b> : On cropland fields with existing sprinkler irrigation systems, cost share is authorized for replacement of a sprinkler system's existing sprinklers or nozzles and for the installation of flexible plastic drops to increase the system efficiency according to the practice standard. Cost share is also authorized for the installation of pressure regulators on systems where field slopes equal or exceed one-half percent (%). This practice is only available on land that has been irrigated for two of the last five years prior to application for assistance.	<b>COST SHARE</b> : AC. <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the county average cost.

<b>443 Irrigation System, Surface</b>	
Cost share for this practice is authorized on cropland fields to be furrow irrigated or contour levee flood irrigated. System must be in place at time of application to be eligible. Cost share is authorized only for surge valves installed according to the requirements of the practice standard. This practice is only available on land that has been irrigated for two of the last five years prior to application for assistance.	<p><b><u>COST SHARE:</u></b> AC.</p> <p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost.</p> <p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost.</p>
<b>447 Irrigation System, Tailwater Recovery</b>	
Cost share is authorized for this practice on cropland that is currently surface irrigated. Cost share is available for installation of all components (pipeline and appurtenances, water control structures, earthen reservoirs or delivery system, pumps, and pump stations) according to the requirements of the practice standard. This practice is only available on land that has been irrigated for two of the last five years prior to application for assistance.	<p><b><u>COST SHARE:</u></b> AC.</p> <p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost.</p> <p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost.</p>
<b>430DD Irrigation Water Conveyance: High Pressure, Underground, Plastic Pipeline</b>	
Cost share is authorized for this practice on cropland field with existing irrigation systems. The pipeline shall be used to reorganize an existing irrigation system or to replace a temporary water conveyance system. Cost share is authorized for pipeline, appurtenances, and installation according to the requirements of the practice standard. This practice is only available on land that has been irrigated for two of the last five years prior to application for assistance.	<p><b><u>COST SHARE:</u></b> AC.</p> <p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost.</p> <p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost.</p>
<b>634 Manure Transfer</b>	
Cost share is authorized for this practice only as a component of an overall COMPREHENSIVE NUTRIENT MANAGEMENT PLAN (CNMP) where manure is generated by livestock production or processing and a conveyance system is necessary to transfer manure. Transfer may be from a production facility to a storage/treatment facility or from a storage/treatment facility to an area of utilization. Cost share is authorized to install components of a permanent system. For example, a permanent waste distribution pipe (buried) and/or permanent pump from the storage system to the fields receiving animal waste. A permanent pump can be cost shared if needed to distribute waste to the soil plant filter according to a nutrient management plan or serves as an integral component of the waste management system. Cost share is NOT authorized for portable pumps, reels, hoses, tank wagons, spreaders, or traveling guns.	<p><b><u>COST SHARE:</u></b> AC.</p> <p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost.</p> <p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost. When this practice is applied as part of an Animal Waste, cost share will be 90% of the county average cost.</p>

<b>590 Nutrient Management</b>	
<p>Incentive payments are authorized for management of this practice on agricultural fields where plant nutrients are applied and where cultural practices are conducted that release nutrients. The FOTG standard must be met including reviewable record keeping for long-term analysis; the amount, form, dates and crop stages of nutrient applications; following soil test recommendations for realistic yield goals; and accounting for nutrients provided by all sources including legume crops and animal waste. A currently applicable nutrient analysis must be made for animal waste applied. Multiple incentive payments are authorized for this practice and other appropriate conservation practices. All land in tracts where this practice has been previously applied are not eligible for this incentive. Incentive payments for WASTE UTILIZATION (633) and this practice cannot be made on the same acres.</p>	<p><b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u>: Incentive payment will be \$5.00 /ac/yr. NTE three (3) years of payments per participant.</p>
	<p>Or, if practice includes the use of a nitrogen inhibitor, the incentive payment will be \$10.00/ac/yr. This incentive can only be earned when a nitrogen inhibitor is applied.</p>
	<p>Or, if the practice includes variable rate technology for long term analysis of grid soil sampling with a maximum grid size of 3 acres (with or without a nitrogen inhibitor), the incentive payment will be \$15.00/ac/yr.</p>
<b>512 Pasture and Hayland Planting</b>	
<p>Cost share is authorized for the establishment of permanent vegetative cover on cropland, hayland, pastureland, and other agricultural lands where forage production is feasible and desired. Cost share is NOT authorized for the conversion of native prairie or woodland to pasture or hayland. Components eligible for cost share could include seedbed preparation, lime, fertilizer, seed, and seeding. Cost share for this practice is authorized in the following situations:</p>	<p><b>COST SHARE:</b> AC. Cost share, including seedbed preparation with tillage or herbicides to suppress or control competing vegetation, is as follows:</p>
	<p><u>Beginning Farmers and Non Limited Resource Farmers</u>: Cost share will be 50% of the county average cost.</p>
	<p><u>Limited Resource Farmers</u>: Cost share will be 75% of the county average cost.</p>
	<p>1) For warm season grass plantings or cool season grass and legume plantings on poor condition grassland and/or grassland with sheet and rill erosion rates greater than the "T" value.</p>
	<p>2) For converting endophyte infected fescue to non toxic cool season grasses or warm season grasses.</p>
<p>3) For converting mono-culture stands to diverse stands; or for inter-seeding legumes on existing pasture or hayland.</p>	
<p>4) For converting cultivated cropland to pasture or hayland.</p>	

<b>595 Pest Management</b>	
Incentive payments are authorized for management of this practice on cropland or other agricultural land where pest control is needed, and on grassland where the chemical, mechanical or biological control of undesirable vegetation is needed. In addition to meeting the eFOTG practice standard, contract participants must implement reviewable record keeping for long-term analysis, crop scouting (when applicable) and calibration of application equipment. As a minimum, crop scouting will require field visits and written reports by a trained individual during critical periods such as pre-plant, post plant, mid-season, high risk pest infestation periods, and post season. Multiple incentive payments may be authorized for a combination of this practice and other appropriate practices. Incentive payments CANNOT be made for this practice and for PRESCRIBED BURNING (338) on the same acreage during the same contract year. Scouting does not have to be completed by a certified individual, but must meet practice standards.	<p><b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u>: Payments are authorized as follows:</p> <p><b>Cropland</b> - Incentive payments will be \$5.00 /ac/yr., NTE three (3) years of payments per participant.</p> <p><b>Grassland</b> - Incentive payments are authorized for chemical, and/or biological control of weeds. The planned treatment must provide for substantial reduction of the target species. Incentive payments for this practice are available on acres receiving cost share through PASTURE AND HAYLAND PLANTING (512) only for control of weeds or noxious plants prior to seedbed establishment; it is not available after applying conservation practice 512. Payments of \$5.00 per acre treated are authorized, NTE three (3) years of payments per participant.</p>
<b>516 Pipeline</b>	
Cost share is authorized for this practice only as a component of PRESCRIBED GRAZING (528A), and/or USE EXCLUSION (472) to provide water for livestock on grazing lands where present livestock water supplies are inadequate to facilitate proper grazing management and site conditions warrant the practice.	<p><b>COST SHARE</b>: AC. Cost share is authorized for trenching, pipeline, connections, appurtenances, installation, backfilling, critical area seeding, pumps, pressure tanks and other similar items.</p> <p><u>Beginning Farmers and Non Limited Resource Farmers</u>: Cost share will be 50% of the county average cost.</p> <p><u>Limited Resource Farmers</u>: Cost share will be 75% of the county average cost.</p>
<b>338 Prescribed Burning</b>	
Cost share is authorized for this practice on grassland, woodland, and wildlife areas where prescribed burning will achieve specific management objectives. Cost share payments are NOT authorized on CRP contract acres.	<p><b>COST-SHARE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u>: FR. Cost share will be a flat rate of \$10.00 per acre.</p>
<b>528A Prescribed Grazing</b>	
Incentive payments are authorized for the installation and management of this practice where grazing and/or browsing animals are managed. New grazing systems or existing grazing systems expanding by at least 4 paddocks are eligible. For existing systems, all new paddocks must meet NRCS standards, existing paddocks must be in operating condition and maintained as such throughout the life of the practice. Multiple incentive payments may be authorized for a combination of this practice and other appropriate practices. Existing grazing systems must be planned for additional fencing and/or additional water development to be eligible for the incentive. Previously installed systems must add an additional 4 paddocks (minimum) to be eligible for this incentive.	<p><b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u>: Incentive payment will be \$5.00 /ac/yr., NTE three (3) years per participant.</p>

<b>329A Residue Management, No Till / Strip Till</b>		
	Incentive payments are authorized for management of this practice when participant agrees to continuously use no till or strip till on identified contract crop acres for a minimum of 3 consecutive years. Multiple incentive payments may be authorized for a combination of this practice and other appropriate practices. All land in tracts where this practice has been previously applied are not eligible for this incentive.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u> : Incentive payment will be \$5.00 /ac/yr., NTE three (3) years per participant.
<b>643 Restoration and Management of Declining Habitats</b>		
	Incentive payments are authorized on any landscape which once supported or currently supports rare and declining habitats to be restored or managed. This incentive is only available for acres that require seeding.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers or Limited Resource Farmers</u> : Incentive payment will be \$275.00/ac for the first year, \$50.00/ac for the second year, and \$50.00 per acre per year for the third year, NTE three (3) years per participant. Incentive payments are NOT authorized on acres receiving any other EQIP incentive payments.
<b>391 Riparian Forest Buffer</b>		
	Incentive payments are authorized for the management of this practice for wildlife habitat on stable areas adjacent to permanent or intermittent streams, lakes, ponds, wetlands, and areas with ground water recharge. Trees and shrubs will be planted according to the component standards in the eFOTG. Livestock will be excluded or allowed limited access except for the controlled stream crossing points.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u> : Incentive payment will be \$50.00 /ac/yr. NTE three (3) years per participant. See also practices 612 and 490.
<b>646 Shallow Water Management for Wildlife</b>		
	Incentive payments are authorized on agricultural and moist soil areas where water can be impounded or regulated by diking, ditching, or flooding for the purpose of management for waterfowl and their prey. Multiple incentive payments may be authorized for a combination of this practice and other appropriate practices. Develop and follow a water management plan.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u> : Incentive payment will be \$10.00 per acre of flooded cropland per year, NTE three (3) years of payments per participant.
<b>574 Spring Development</b>		
	Cost share is authorized for this practice only as a component of PRESCRIBED GRAZING (528A), and/or USE EXCLUSION (472) to improve the distribution of water or to increase the quantity and quality of water for livestock.	<b>COST SHARE</b> : AC. Cost share is authorized for components associated with the collection and storage of water for livestock use. <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the county average cost.

<b>580 Streambank and Shoreline Protection</b>	
<p>Cost share is authorized for this practice where natural channels are susceptible to erosion from the action of water, ice, debris or to damage from livestock or vehicular traffic that is adversely affecting stream corridor health. The problem must be effectively solved with relatively simple structural measures and/or vegetation. The project area must be within a definable stream reach that has a stable beginning and a stable ending point.</p>	<p><b>COST SHARE:</b> AA. \$10,000 is the maximum cost share available for this practice per application. Fourth order streams and smaller – cost share will be 50 % of the actual cost not to exceed the county average cost for all components required for a streambank stabilization system. Fifth order streams and larger must receive approval from the State Conservationist to be eligible.</p> <p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the actual cost not to exceed 50% of the county average cost. Maximum cost share is \$10,000.</p> <p><u>Limited Resource Farmers:</u> Cost share will be 75% of the actual cost not to exceed 75% of the county average cost. Maximum cost share is \$10,000.</p>
<p>Channels that have been altered by channelization or have had the natural floodplain width substantially restricted by levee systems are not eligible for this practice. Streams or stream reaches that have been identified as “restricted” on the “Restricted and Priority Streams Map” are not eligible for this practice. Streambank stabilization systems located where the failure of the components of the system would cause damage to or endanger, utilities, roads, buildings, or other facilities and high value property adjacent to the project are not eligible for this practice.</p>	
<p>Establishment of a RIPARIAN FOREST BUFFER (391) with USE EXCLUSION (472) in accordance with an approved design plan is required for all streambank stabilization systems.</p>	
<p>All components of the streambank stabilization system must meet applicable NRCS standards and specifications. Missouri Department of Conservation (MDC) design criteria will be used to design in-channel measures so long as the final design meets NRCS standards and specifications.</p>	
<b>587 Structure for Water Control</b>	
<p>Cost share is authorized for establishment of permanent pads. Permanent pads must be established on all sides of the field with the exception of the crown to be eligible for cost share. Flat graded fields must have permanent levees established on all sides of the field to be eligible for cost share.</p>	<p><b>COST SHARE:</b> AC.</p> <p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost for pipe materials and for construction of the permanent pads.</p> <p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost for pipe materials and for construction of the permanent pads.</p>

<b>600 Terrace</b>	
<p>Cost share is authorized for the construction of terraces and the components necessary for proper functioning on land uses where soil erosion by water and sedimentation are a problem.</p>	<p><b><u>COST SHARE:</u> AC.</b></p>
	<p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost.</p>
	<p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost. When this practice is applied as part of a Terrace System, cost share will be 90% of the county average cost.</p>
<b>612 Tree / Shrub Establishment</b>	
<p>Cost share is authorized for planting woody species, chemical or mechanical weed control measures for the first five (5) years, tree shelters, weed barriers, root dips, fertilizer, and other animal damage control devices, fencing, and seedbed preparation where woody species are suited and needed for reforestation or afforestation.</p>	<p><b><u>COST SHARE:</u> AC.</b></p>
	<p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost.</p>
	<p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost.</p>
<b>614 Trough or Tank</b>	
<p>Cost share is authorized for this practice only as a component of PRESCRIBED GRAZING (528A), and/or USE EXCLUSION (472) to provide watering facilities for livestock at selected locations that will protect vegetative cover through proper distribution of grazing or to reduce or eliminate the need for livestock to be in streams or existing ponds.</p>	<p><b><u>COST SHARE:</u> AC.</b></p>
	<p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost.</p>
	<p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost.</p>
<b>620 Underground Outlet</b>	
<p>Cost share is authorized for any underground tile outlet system. Relief wells, wetlands and spreader ditches will be used in retro-fitting tile outlet terrace systems. Refer to agronomy tech. note 31.</p>	<p><b><u>COST SHARE:</u> AC.</b></p>
	<p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost.</p>
	<p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost. When this practice is applied as part of a Terrace System, cost share will be 90% of the county average cost.</p>

<b>645 Upland Wildlife Habitat Management</b>	
Cost share is authorized for this practice on all lands that are suitable for wildlife food and cover plants. Grazing may be allowed only if it improves wildlife habitat and is included in the wildlife habitat management plan. Cost share for control of woody cover is authorized when associated with native grassland communities such as prairies, savannas, or glades. Renovation must meet target plant or animal specie(s) needs and be included in an approved wildlife management plan. Grasslands with wildlife-friendly grasses may receive this cost share IF necessary to meet management objectives of the plan.	<p><b>COST SHARE:</b> FR and/or AC. A cost-share rate of 50 % of the county average cost is authorized for any component not listed below and required by an approved wildlife habitat management plan.</p> <p>End product on Savanna Restoration = 10-30 % woody canopy remaining – evenly distributed across the field (site conditions allowing).</p> <p>End product on Prairie Restoration = no more than 10 % woody canopy remaining</p> <p><u>Beginning Farmers and Non Limited Resource Farmers:</u> Cost share will be 50% of the county average cost.</p> <p><u>Limited Resource Farmers:</u> Cost share will be 75% of the county average cost.</p>
<b>This practice is eligible at the following rates depending on the extent of woody control needed (as approved by the planning biologist):</b>	
Existing field <60 % woody cover for savanna and <40 % woody cover for prairie	<u>Light</u> Control. Flat Rate of \$75.00 per acre.
Existing field 60-80 % woody cover for savanna and 40-60 % woody cover for prairie	<u>Medium</u> Control. Flat Rate of 137.50 per acre.
Existing field >80 % woody cover for savanna and >60 % for prairie	<u>Heavy</u> Control. Flat Rate of \$200.00 per acre. Loess Hill Prairies. Flat Rate of \$225.00 per acre.
Removal of individual trees in conjunction with prairie/savanna restoration that are inaccessible to mechanical methods (such as “clippers/feller-stacker”) in drainage ways and fence lines	Flat Rate of \$3.00 per tree.
Woody edge development (fence lines/woody draw/woody edge) is authorized at the following rates – (minimum 30’ wide)	Chainsaw or Herbicide. Flat Rate of \$75.00 per acre Mechanical. Flat Rate of \$200.00 per acre.
Cost share for interseeding forbs/legumes into existing herbaceous stands is authorized at the following rates	Non-Native Legumes. Flat Rate of \$17.50 per acre. Native Forbs and Legumes. Flat Rate of \$52.50 per acre.
Cost share for permanent forest openings is authorized at the following rates – (maximum of 3 acres per each 40 acres of contiguous forest cover)	Existing stand is less than 50 % stocked (Light Removal). Flat Rate of \$75.00 per acre. Existing stand is 50-80 % stocked (Medium Removal). Flat Rate of \$137.50 per acre. Existing stand is greater than 80% stocked (Heavy Removal). Flat Rate of \$200.00 per acre.
<b>472 Use Exclusion</b>	
Incentive payments are authorized for application of this practice to protect sensitive areas and woodlands. This practice is applicable only if an applicant physically constructs or maintains a barrier necessary to exclude livestock. Livestock must currently have access to be eligible. The incentive is authorized in conjunction with the prescribed grazing (528a) incentive.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers:</u> The incentive payment will be \$5.00 per acre, NTE three (3) years of payments per participant.

<b>601 Vegetative Barrier</b>	
Incentive payments are authorized for the management of this practice on all eroding areas including but not limited to cropland, pastureland, rangeland, forestland, farmsteads, mined land and construction sites where soil erosion control is needed. This practice applies only when used in conjunction with other conservation practices as part of a conservation management system. Multiple incentive payments may be authorized for a combination of this practice and other appropriate practices.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u> : Incentive payment will be \$5.00 per acre benefited, NTE three (3) years of payments per participant.
<b>313 Waste Storage Facility</b>	
Cost share for this practice is authorized only as a component of a COMPREHENSIVE NUTRIENT MANAGEMENT PLAN (CNMP) where waste is generated by agricultural production or processing. Cost share is available for the installation of fabricated waste storage structures and/or waste storage ponds. Construction of roofing over an existing or new livestock holding (temporary), feeding, or manure/litter storage area is an eligible component for cost share. Roofing over an area typically used for housing and bedding of livestock (such as dairy free stall buildings, dairy milking parlors, swine houses, or poultry houses) is NOT eligible.	<b>COST SHARE:</b> AC. There is a maximum cost share of \$15,000 for a <u>stack house (manure/litter storage area) per operation</u> . When the stackhouse and composter are in the same structure, the maximum cost share will be \$30,000. Cost share is authorized as follows, based upon planned expansion of animal numbers of existing operations or based upon new operations:
<b>Beginning Farmers and Non Limited Resource Farmers:</b>	
<u>Expansion of up to 100% of the existing operation</u> – cost share will be 50 % of the county average cost.	
<u>Expansion of 100 % or more of the existing operation</u> – cost share will be 40 % of the county average cost.	
<u>New livestock operations</u> – cost share will be 30 % of the county average cost.	
<b>Limited Resource Farmers:</b>	
<u>Expansion of up to 100 % or expansion of 100% or more of the existing operation</u> – cost share will be 75% of the county average cost. When this practice is a part of an animal waste system, cost share will be 90% of the county average cost.	
<u>New livestock operations</u> – cost share will be 50% of the county average cost.	
<b>359 Waste Treatment Lagoon</b>	
Cost share for this practice is authorized only as a component of a COMPREHENSIVE NUTRIENT MANAGEMENT PLAN (CNMP) where waste is generated by agricultural production or processing.	<b>COST SHARE:</b> AC. Cost share is authorized as follows, based upon planned expansion of animal numbers of existing operations or based upon new operations:
<b>Beginning Farmers and Non Limited Resource Farmers:</b>	
<u>Expansion of up to 100% of the existing operation</u> – cost share will be 50 % of the county average cost.	
<u>Expansion of 100 % or more of the existing operation</u> – cost share will be 40 % of the county average cost.	
<u>New livestock operations</u> – cost share will be 30 % of the county average cost.	
<b>Limited Resource Farmers:</b>	
<u>Expansion of up to 100 % or expansion of 100% or more of the existing operation</u> – cost share will be 75% of the county average cost. When this practice is a part of an animal waste system, cost share will be 90% of the county average cost.	
<u>New livestock operations</u> – cost share will be 50% of the county average cost.	

<b>633</b>	<b>Waste Utilization</b>	Incentive is authorized for this practice on soils and vegetation suitable for the use of wastes as fertilizer. Incentives for this practice are authorized only as a component of a COMPREHENSIVE NUTRIENT MANAGEMENT PLAN (CNMP). Incentive payments for this practice and NUTRIENT MANAGEMENT (590) cannot be made on the same acres.	<b>INCENTIVE</b> for <u>Beginning Farmers, Non-Limited Resource Farmers, or Limited Resource Farmers</u> : The incentive will be \$10 per year, NTE three (3) years.
<b>638</b>	<b>Water and Sediment Control Basin</b>	Cost share is authorized for this practice to construct an earth embankment or a combination ridge and channel generally constructed across the slope and minor watercourses to form a sediment trap and water detention basin.	<b>COST SHARE: AC.</b> <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the county average cost. When this practice is applied as part of an Animal Waste System, cost share will be 90% of the county average cost.
<b>642</b>	<b>Water Well</b>	Cost share is authorized for this practice on grazing lands where present facilities and/or water supplies are 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. This practice may be applied only as a component of PRESCRIBED GRAZING (528A), RIPARIAN FOREST BUFFER (391), USE EXCLUSION (472), and/or a COMPREHENSIVE NUTRIENT MANAGEMENT PLAN (CNMP). Cost share is authorized for drilling, casing and associated costs with installing a well. Cost share is not authorized for electricity or a power unit.	<b>COST SHARE: AA.</b> <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the actual cost not to exceed 50% of the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the actual cost not to exceed 75% of the county average cost. When this practice is applied as part of an Animal Waste System, cost share will be 90% of the actual cost not to exceed 90% of the county average cost.
<b>351</b>	<b>Well Decommissioning</b>	Cost share is authorized for well plugging or decommissioning for wells or other under-surface excavations where there is potential for groundwater contamination by surface activities.	<b>COST SHARE: AA.</b> <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the actual cost not to exceed the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the actual cost not to exceed the county average cost.
<b>644</b>	<b>Wetland Wildlife Habitat Management</b>	Cost share is authorized for components required by an approved WETLAND WILDLIFE HABITAT MANAGEMENT (644) plan on wetlands and areas where wetlands will be created, restored, or enhanced.	<b>COST SHARE: AC.</b> <u>Beginning Farmers and Non Limited Resource Farmers</u> : Cost share will be 50% of the county average cost. <u>Limited Resource Farmers</u> : Cost share will be 75% of the county average cost.
<b>648</b>	<b>Wildlife Watering Facility</b>	Cost share is authorized on lands where improved watering places are needed to increase the range and distribution of wildlife.	<b>COST SHARE</b> for <u>Beginning Farmers, Non-limited Resource Farmers, or Limited Resource Farmers</u> : A flat rate of 250.00 per facility.
<b>380</b>	<b>Windbreak / Shelterbelt Establishment</b>		

<p>Incentive is authorized for this practice according to the practice standard. Trees/shrubs will be established according to the TREE/SHRUB ESTABLISHMENT (612) standard. All plantings must be protected from grazing and destructive fire.</p>	<p><b><u>INCENTIVE</u></b> for <u>Beginning Farmers, Non-limited Resource Farmers, or Limited Resource Farmers</u>: The incentive will be \$0.10 per liner foot (not per row) of the practice established.</p>
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