

KENTUCKY NRCS

# EQIP Guidance Document

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**2016 Program Year**

**Version**

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**12/8/2015**

State Guidance specific to administering the Environmental Quality Incentives Program (EQIP) in Kentucky.

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## Fiscal Year 2016 EQIP/WHIP General Guidelines

(See Initiative addendums for guidance specific to National and State Initiatives offered through EQIP in 2016)

- No application will be considered for funding if it does not meet all eligibility requirements by the time applications are accepted for funding (512.22).
- The EQIP FY 2016 Payment Schedule will be used when determining the estimated cost for ProTracts. Several payment scenarios have been developed that specifically address Organics.
- The RMS level is not required on EQIP acreage, although sound conservation planning is to be provided. Only the practices eligible for an EQIP payment shall be included on the EQIP schedule of operations NRCS-CPA-1155.
- **Practices awarded points shall meet Field Office Technical Guide (FOTG) standards and specifications.** Existing practices that meet FOTG standards are not eligible to receive points or payments.
- All practices awarded points shall be included in the contract when the participant's application is accepted. Non-payment practices and/or practices planned under other programs are not eligible to receive points for the EQIP offer.
- All practices installed will be maintained as designed for the life of the practice. If livestock are allowed managed access to any practice it must be done judiciously to prevent degradation of the installed practice.
- Management practices that have previously been applied or adopted on a treatment unit are not eligible for payments on that treatment unit unless an increased level of management above and beyond the current management system will be achieved, and a resource concern is being addressed (such as adopting a soil quality cover crop where a soil protection cover crop was previously implemented).
- Land or structures under contract or with existing maintenance agreements (PL-566, etc.) are not eligible for EQIP.
- For livestock related practices, livestock must be present at the time of ranking **AND practice installation**. An exception may be granted based on whether livestock ownership can be determined **AND where the grazing unit is capable of being grazed** (existing fence, water sources, etc.). An exception would be when boundary fence is being installed on land exiting CRP or where cropland is being converted to pastureland. \*See specific boundary fence guidance under the Fence (382) guidance.
- All practices in the contract must be the least cost alternative to address the resource concern. **Reference 515.80, E for specific guidance concerning ineligible practices.** The least-cost standard must be applied to support payments for practices to achieve the conservation objective. At the request of a participant, NRCS may provide design and technical assistance for implementation of a practice with extents greater than what is needed to address the resource concern, however, expense and costs associated with the extra extent are the responsibility of the producer and may not be reimbursed through program financial assistance. Example: A concrete walled manure storage

structure where a less expensive earthen structure would service the resource need.

- For practices planned on cropland where Sheet and Rill or Soil Quality are the resource concerns, RUSLE2 must be ran for both before and after scenarios to verify planned practices are needed to address current resource concerns. These scenarios must be included in the EQIP contract folder.
- **Remember that you are not to design or build conservation practices above your Practice/Engineering Design Authority level.** You should request specialist assistance as needed. Be especially careful when planning practices such as Streambank and Shoreline Protection.
- When a companion practice is required for a practice to properly function, payment shall not be made until the most environmentally sensitive practices have been installed and certified (**Examples:** Pipeline and Tank as alternative watering for stream exclusion, stream must be fenced before payment can be made for the pipeline and tank. Stream crossing and Fence; stream must be fenced prior to processing payment for the stream crossing. Waterway and GSS. Fence, Pipeline, and Tank when associated with a pond).
- In order for land to be eligible for irrigation-related practices in EQIP that land must have been irrigated **two out of the last five years**. This means that irrigation must have been part of managing the cropping system to meet the needs of the plant and to maintain the yields of an irrigated crop. In order to document irrigation history, applicants may provide any of the following:
  - Written self-certification of the irrigation history, by year, and crops produced on the land with yields indication irrigation;
  - Aerial Photography coverage showing evidence of irrigation history on the property;
  - Official copies of Farm Service Agency records such as aerial compliance photography, Farm Acreage Report, Production History Report, and Risk Management Insurance;
  - Water rights certificate, water rights maps and/or well or pumping plan permits issued by a federally recognized Tribe, State or Federal Agency;
  - Irrigation company share certificates and assessments that document water rights and water availability;
  - Fuel bills or maintenance records documenting the use of an irrigation system with the presence of an operable irrigation system or reliable water source indicating the ability to irrigate;
  - Irrigation water management plan implementation documentation;
  - Irrigation or water use reports provided by a local or State unit of government.
  - Note: The use of manual systems of irrigation by hose, buckets, or other hand delivery systems may be used as a justification of irrigation history.
- An approved, Comprehensive Nutrient Management Plan (CNMP) is required BEFORE providing technical or financial assistance to an Animal Feeding Operation (AFO) to address manure or wastewater handling and storage/treatment and/or when providing technical or financial assistance for nutrient management that involves the application of manure and wastewater. See KY Bulletin 190-15-4 for additional guidance.

- No “new” operations to increase or initiate production will be considered for EQIP; however, expanded operations will be eligible if a resource concern will be addressed.

## **APPLICATION EVALUATION AND RANKING TOOL**

### **Guidelines – General EQIP**

- All EQIP applications will be evaluated using the screening tool and the Application Evaluation and Ranking Tool (AERT) in ProTracts. (Note: Some National and State Initiatives will not utilize a screening tool. See Initiative addendums for guidance.)
- For screening purposes, contracts must be considered as not on schedule if they have any prior-year incomplete items. However, contracts may also be considered as not on schedule with incomplete items remaining as planned in the current calendar year. A contract can be behind schedule without having a signed modification such as a “pen and ink” modification to move a practice forward one year from the originally planned year.
- **The screening tool is to be completed at time of application and the priority entered into ProTracts as soon as possible, but no later than the end of the application cut-off date.**
- **To allow for similar farming operations to compete against like operations the local pooling areas have been divided to include Cropland and Pastureland funding accounts. When determining which funding account to use for ranking select the land use with the greatest acreage that the participant’s application will address. Example: An Ohio County participant’s primary resource concern is sheet and rill erosion on cropland but also wants to address a water quality issue in a pasture field. The treatment units include 100 acres of crop fields with cover crop and no-till planned; and a 20 acre pasture field with fence, pipe and tank planned. Since cropland has the greater acreage the application would be ranked under the PA 1 Cropland funding account. Refer to the EQIP ProTracts Fund Accounts table for a complete listing of available fund accounts. If pasture practices are being completed in a cropland fund account select the livestock type on the ProTracts application page.**
- Selection of resource concerns will be limited to no more than two concerns. A primary and a secondary resource concern, per practice planned.
- Practices selected for ranking will be the same as the practices planned in the contract when the participant’s application is accepted.
- All eligible practices that are planned in the contract will be entered into the ranking tool.
- When answering the questions for national, state and local issues only answer Yes (award points) for the practices that will be installed using EQIP funds.
- Answer “Yes” for every question that applies to the application (Example: 1. Livestock will be excluded from sensitive areas. 2. Livestock will be excluded

from sensitive areas with a minimum 30 foot setback. If a setback is used you would answer yes to both questions.)

- All participants will be provided a copy of the field ranking sheet and will be required to sign it by the ranking deadline (prior to funding selection). Participants are not required to sign the ProTracts generated ranking sheet.

### National Issues:

Use the following chart to determine “Yes” answers for the EQIP National Issue Questions. Only answer yes to these questions when the practice(s) to be installed with EQIP funds will address that specific concern.

<b>Question</b>	<b>Guidance For Answering Questions</b>
1a	Answer Yes if the application is for the development of a Conservation Activity Plan (CAP). If the answer is yes, do not answer any other National Issues Questions.
2a	This question only applies to AFOs. Answer yes if planned practices are in support of an existing or new CNMP.
2b	Answer yes if planned practices are in support of an existing or new NMP.
2c	Answer yes if a practice is planned in field adjacent to a designated impaired water body according to the DOW Impaired Water bodies layer. Always answer no for Seasonal High Tunnels.
2d	Answer yes if a practice is planned in a field that adjoins a stream. This criterion applies to any stream that has a defined channel that flows for more than just during or after rainfall. Always answer no for Seasonal High Tunnels.
2e	Answer yes if application includes Animal Mortality Facility (316)
3a	Always no
3b	Answer yes if implementing practices identified in a certified Irrigation Water Management Plan (118)
3c	Always no
3d	Answer yes if implementing practices identified in a certified Irrigation Water Management Plan (118)
4a	Always no
4b	Always no
4c	Answer yes only for Organic Certified or Transitioning Organic applications.
4d	Answer yes when planning the following practice: Cover Crop (340), Tree/Shrub Planting (612), Forest Stand Improvement (666), Hedgerow Planting (422) or the following practices when native grasses are planned: Conservation Cover (327), Forage and Biomass Planting (512), Field Border (386), Riparian Herbaceous Cover (390), Restoration and Management of Declining Habitats (643), Riparian Forest Buffer (391)
5a	Field must be above “T” and the planned EQIP practice(s) takes the field to “T” or below. Must be supported with a RUSLE2 run. Always answer yes for Seasonal High Tunnel applications.
5b	Answer yes when the application includes Cover Crop (340) for Soil Health option.

6a	<p>When answering question 6a refer to the NRCS <i>T&amp;E Species by County List</i> and the <i>Practice Effects Document</i> located in Section II of eFOTG under the Conservation Planning Guidance Tab in the Threatened and Endangered Species Folder. Example 1) "Access Control" being planned on a stream or direct tributary to a stream noted by the <i>Species by County List</i> to contain listed species could receive points for a benefit according to the <i>Practice Effects Document</i>. Example 2) Wetland Creation in a county noted by the <i>Species by County List</i> to contain threatened or endangered bats would receive points for a benefit according to the <i>Practice Effects Document</i>.</p> <p>Also answer yes for this question if Forest Stand Improvement (666) or Brush Management (314) is being planned in the Forestland Bird Conservation Area or when the following practices are being planned in the Grassland Bird Conservation Area as outlined in Kentucky's Comprehensive Wildlife Action Plan: Conservation Cover (327), Field Border (386), Hedgerow Planting (422), Tree/Shrub Establishment (612) -Shrub Planting Only, and points may be awarded when native grasses are being used for a Riparian Herbaceous Cover (390) or Forage and Biomass Planting (512).</p>
6b	<p>Answer yes if planned practices will help maintain wildlife benefits on land exiting CRP. Examples of practices that could apply include Tree/Shrub Establishment (612), Field Borders (386), Riparian Herbaceous Cover (390), and Conservation Cover (327) when wildlife beneficial vegetation is being planned.</p>
6c	<p>Answer yes if native forbs or shrubs/trees are being established, or if Riparian Herbaceous Cover (390), Forest Stand Improvement (666), or Conservation Cover (327) is planned.</p>
6d	<p>Answer yes if Wetland Creation (658) is planned.</p>
7a	<p>Answer yes if any planned practices target/treat invasive plant species according to the Invasive Species Advisory List identified in the Field Office Technical Guide, Section II, NEPA Forms and Guidance, Special Environmental Concerns, Invasive Species Resources. Examples of practices that address invasive species would be Brush Management (314) that addresses Bush Honeysuckle or (315) Herbaceous Weed Control for <i>Sericea lespedeza</i>.</p>
7b	<p>Answer yes if planned practices are included in a certified Integrated Pest Management Plan (IPM).</p>
8a	<p>Answer yes for this question when planning the following practices through EQIP: Farmstead Energy Improvement (374), Lighting System Improvement (670), Building Envelope Improvement (672), Access Control (472), Conservation Cover (327), Field Border (386), Riparian Herbaceous Cover (390), Grassed Waterway (412), Hedgerow Planting (422), Residue Management/No-Till (329), Riparian Forest Buffer (391) or Tree/Shrub Establishment (612). In addition, answer yes when Fence (382) is planned that includes a solar charger or if Forage and Biomass Planting (512) is being planned to convert cropland to pastureland or hayland.</p>

8b	Answer yes when Farmstead Energy Improvement (374), Lighting System Improvement (670) and/or Building Envelope Improvement (672) is planned.
9a	Answer Yes if the planned practices will improve an existing conservation practice. (ex: GSS for outlet of existing grassed waterway) Answer Yes if the planned practices will complete an existing conservation system. (ex: installing buffers to complete a CNMP)

### **State Issues – General EQIP**

(Guidance for answering State Issues questions included in the National and State Initiatives is included in the specific Initiative Addendum.)

1a	Self Explanatory
1b	Self Explanatory
1c	Self Explanatory
1d	Self Explanatory
1e	<p>When answering question 2e refer to the NRCS <i>T&amp;E Species by County List</i> and the <i>Practice Effects Document</i> located in Section II of eFOTG under the Conservation Planning Guidance Tab in the Threatened and Endangered Species Folder. Example 1) "Access Control" being planned on a stream or direct tributary to a stream noted by the <i>Species by County List</i> to contain listed species could receive points for a benefit according to the <i>Practice Effects Document</i>. Example 2) Wetland Creation in a county noted by the <i>Species by County List</i> to contain threatened or endangered bats would receive points for a benefit according to the <i>Practice Effects Document</i>.</p> <p>Also answer yes for this question if Forest Stand Improvement (666) or Brush Management (314) is being planned in the Forestland Bird Conservation Area or when the following practices are being planned in the Grassland Bird Conservation Area as outlined in Kentucky's Comprehensive Wildlife Action Plan: Conservation Cover (327), Field Border (386), Hedgerow Planting (422), Tree/Shrub Establishment (612) -Shrub Planting Only, and points may be awarded when native grasses are being used for a Riparian Herbaceous Cover (390) or Forage and Biomass Planting (512).</p>

1f	Answer Yes if the application is in one of the StrikeForce Counties listed here: ADAIR, ALLEN, BARREN, BATH, BELL, BOYD, BREATHITT, BRECKINRIDGE, BUTLER, CALDWELL, CARROLL, CARTER, CASEY, CHRISTIAN, CLAY, CLINTON, CRITTENDEN, CUMBERLAND, ELLIOTT, ESTILL, FLEMING, FLOYD, FULTON, GARRARD, GRAVES, GRAYSON, GREEN, GREENUP, HARLAN, HARRISON, HART, HENRY, HOPKINS, JACKSON, JOHNSON, KNOTT, KNOX, LAUREL, LAWRENCE, LEE, LESLIE, LETCHER, LEWIS, LINCOLN, LOGAN, MADISON, MAGOFFIN, MARION, MARTIN, MCCREARY, MCLEAN, MENIFEE, METCALFE, MONROE, MONTGOMERY, MORGAN MUHLENBERG, OHIO, OWSLEY, PERRY, PIKE, POWELL, PULASKI, ROBERTSON, ROCKCASTLE, ROWAN, RUSSELL, TAYLOR, TODD, UNION, WAYNE, WHITLEY, WOLFE
1g	For question number 2g answer yes if the applicant has a current Ag Water Quality Act (AWQA) Plan, and can provide a copy to NRCS at the time of ranking. If points are awarded during ranking for having a current AWQA Plan at time of ranking, a copy of the plan must be included in the case file. The signed certification sheet WILL NOT BE CONSIDERED ACCEPTABLE for meeting this requirement. The only exception to having an AWQA plan is in accordance with the Ag Water Quality Act, which specifies that if a forest land owner has a stewardship plan that has been developed to ensure that ground and surface water is protected from pollution and activities on the property, then an Ag Water Quality Plan is not required. In this case the applicant should be considered to have met the AWQA Plan requirement for screening purposes. If there is a question in determining whether a stewardship plan meets this requirement, the Technical Area Resource Conservationist should be contacted for assistance.
1h	Yes, if more than 50% of applicant's offered acreage falls within the boundaries of these special emphasis areas as per ArcMap
1i	Yes, if more than 50% of applicant's offered acreage falls within the boundaries of these special emphasis areas as per ArcMap

Questions 1e, 1h and 1i will be yes when the majority (>50%) of the applicant's offered acreage falls within the boundaries of one of these special emphasis areas and when certain practices are being planned within these special emphasis areas (see questions). The geographic data has been placed on the field office servers for use in Arc Map when making this determination (directions below):

- The field office users can open an Arc Map session and "Add Data" by browsing to the Geodata server location (F:\geodata\project\_data\nrcs) and loading the layer file "EQIP 2016 GIS Layers": (turn on individual layers as needed by the user)
  - DOW Identified Watersheds
  - DOW Impaired Waterbodies
  - DOW Wellhead Protection & KGS Karst Areas
  - Amphibian Conservation Areas

- Aquatic Conservation Areas
- Copperbelly Watersnake Conservation Areas
- Grassland Bird Conservation Areas
- Forestland Bird Conservation Areas
- Quail Focus Areas
- MRBI Watersheds

If points are awarded for questions 1e, 1h and/or 1i a copy of the map showing the location of the participant's land within the special emphasis area must be included in the contract folder.

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## Access Control (472)

**Practice Lifespan:** 10 Years

### Eligible Under:

- Forestland
- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Cerulean Warbler
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

### Appropriate Payment Scenarios:

- Animal exclusion from woodland areas
- Animal exclusion from other sensitive areas such as wetlands and sinkholes
- Animal exclusion from riparian zone
- Trail and or road closure

### Practice Program Guidance:

- Access Control (472) can only be contracted in conjunction with a contracted permanent, exclusion-quality fence
- Payment occurs once the facilitating practice is installed (i.e. fence).
- Access Control Payment is not authorized on Grassed Waterways (412), Lined Waterways or Outlets (468), Ponds (378) or any other constructed practice that must be maintained as part of the participant's Operation and Maintenance Agreement.
- Payment will be made on all acres behind the fence. **Livestock must be excluded from these acres for the Access Control (472) practice lifespan of 10 years.**
- **Payments are limited to 1-year.**
- For karst basins, the payment is authorized only for open-throated sinkholes.
- When the “Trail and or Road Closure” payment scenario is used for Access Control, it must be used in conjunction with **Road/Trail/Landing Closure and Treatment (654)** practice code. The site requiring protection from access could have been treated under a prior contract, or planned under the current contract.
  - This payment scenario provides for a permanently mounted 12 ft gate (16 ga; 6 rail minimum) with sufficient fencing on each side to restrict reasonable access. Planners should refer to construction specification details of Fence (382) for post sizing, bracing, etc. Participants may submit gate designs that exceed the minimum for consideration. (i.e. heavy pipe or guardrail gates, etc.

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## **Access Road (560)**

**Practice Lifespan:** 10 Years

**Eligible Under:**

- General EQIP
- NWQI
- Triplett Creek

**Appropriate Payment Scenarios:**

- New 6' gravel road in level terrain
- New 6' gravel road in sloped terrain

**Practice Program Guidance:**

- Payment for Access Road can only be authorized when it is the **least cost** solution to solve a resource concern related to winter feeding for livestock. The road must be the most practicable route for feed transport vehicular travel that protects the soil, water, fish, wildlife, and other adjacent natural resources.
- The Technical Area Resource Conservationist will review and concur prior to approval of this practice.

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## Agricultural Energy Management Plan (128)

**Practice Lifespan:** 1 Year

**Eligible Under:**

- On-Farm Energy Initiative

**Eligible Payment Scenarios:**

- AgEMP Small, One Enterprise
- AgEMP Small, Two Enterprise
- AgEMP Small, Three Enterprise
- AgEMP Small, Four Enterprises
- AgEMP Medium, One Enterprise
- AgEMP Medium Two Enterprises
- AgEMP Medium, Three Enterprise
- AgEMP Medium, Four Enterprise
- AgEMP Large, One Enterprise
- AgEMP Large, Two Enterprises
- AgEMP Large, Three Enterprise
- AgEMP Large, Four Enterprise

**Practice Program Guidance:**

- Rank all applications for CAP 128 in the On-Farm Energy ProTracts sub-account.
- All CAP applications must be supported in a single-stand alone contract if funded.
- Additional guidance on the purpose of AgEMPs and items that need to be included in a completed AgEMP (EQIP and non-EQIP written plans) can be found at the NRCS Energy Community Site on USDA Connect:

<https://connections.usda.gov/communities/service/html/communityview?communityUuid=31441d33-33cb-48fb-8ac9-c9d4a1823b9b#>

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## **Animal Mortality Facility (316)**

**Practice Lifespan:** 15 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic

**Appropriate Payment Scenarios:**

- Composter with Storage, Finisher
- Composter with Storage, Nursery
- Composter with Storage, Poultry
- Composter with Storage, Sow
- Composter with Storage, Turkey
- Small Rotary Drum 270lbs. to 523lbs. of Daily Mortality with composter

**Practice Program Guidance:**

- If large animal, State Cost Share will need to be considered for funding.
- Participant must have a certified CNMP that addresses animal mortality to be eligible for an Animal Mortality Facility. For composting systems the CNMP must address the end product of the composting.
- The *Small Rotary Drum w Composter* payment scenario will be capped at \$17,000 per contract.

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## Brush Management (314)

**Practice Lifespan:** 10 Years

**Eligible Under:**

- Forestland
- General EQIP
- NWQI
- Organic
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Mechanical, Hand Tools
- Chemical, Individual Plant Treatment
- Mechanical Chemical, Cut Stump
- Hack and Squirt

**Practice Program Guidance:**

- NRCS has approved a national waiver for (314) Brush Management to apply this practice up to three consecutive years. As appropriate, the practice payment scenarios would be *Mechanical-Hand Tools* or *Mechanical/Chemical Cut Stump* the first year. The second year will utilize the scenario *Chemical, Individual Plant Treatment* to apply foliar or basal bark spray to kill all re-sprouts. For tree of heaven, the same payment scenarios would be utilized however the *Hack and Squirt* scenario could also be utilized on sites where trees are greater than four inch DBH.
- Species w/canopy average > 4.5 ft in height: Use either
  - *Mechanical, Hand Tools* (intended as an acceptable option for Organic producers; no chemicals applied; plants are pulled or uprooted) or
  - *Mechanical Chemical, Cut Stump* (includes treatment using a brush cutter/saw or bobcat mounted cutter/chipper + chemical herbicide application)
- Species w/canopy average < 4.5 ft in height:
  - *Mechanical, Hand Tools* (see above) or
  - *Chemical, Individual Plant Treatment* (chemical herbicide foliar applications by handheld, backpack, or ATV sprayer)

**Triplett Creek Initiative:**

- This practice is also applicable to defensible space with a minimum width of 10 feet and a maximum of 100 feet. When the practice is utilized for this intent use the *Mechanical, Hand Tools* payment scenario.
- Required Companion practice when 314 is used for defensible space purpose: Woody Residue Treatment (384). Use the *Chipper/Shredder On Site* payment scenario.

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## **Building Envelope Improvement (672)**

**Practice Lifespan:** 10 Years

**Eligible Under:**

- On-Farm Energy

**Appropriate Payment Scenarios:**

- Greenhouse - Insulate Unglazed Walls
- Attic Insulation, Blown-In
- Building Envelope - Wall Insulation, Batts
- Building Envelope - thermal blankets, insulated curtains and screens for greenhouses
- Building Envelope - Wall Insulation, Spray Foam
- Wall Insulation, Rigid Foam Board
- Insulated curtains and or sidewall curtains for poultry houses

**Practice Program Guidance:**

- For a producer to be eligible to implement Conservation Practice Standard 672, they must have an AgEMP – Headquarters or an on-farm energy audit (no more than five years old) that meets the ASABE S612 standard.
- This practice must be checked out and approved by a Field Engineer.

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## **Composting Facility (317)**

**Practice Lifespan:** 15 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic

**Appropriate Payment Scenarios:**

- Windrow, compacted earth floor
- Windrow, gravel floor
- Windrow, concrete floor
- Greater Than or Equal to 500 SF Concrete Floor and Wood Bin Walls
- 500 SF or Greater, Concrete floor with Concrete Bin Wall
- Less than 500 SF Concrete floor with Wood or Concrete walls

**Practice Program Guidance:**

- For composting of by-products only, not authorized for animal mortality composting.

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## Comprehensive Nutrient Management Plan (102)

**Practice Lifespan:** 1 Year

### **Eligible Under:**

- CAP - General
- MRBI
- NWQI

### **Appropriate Payment Scenarios:**

- Dairy Operation Less Than 300 AU with Land Application
- Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application
- Dairy Operation Greater Than or Equal to 700 AU with Land Application
- Livestock Operation Less Than 300 AU without Land Application
- Livestock Operation Greater Than 300 AU without Land Application
- Non-Dairy Operation Less Than 300 AU with Land Application
- Non-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application
- Non-Dairy Operation Greater Than or Equal to 700 AU with Land Application

### **Practice Program Guidance:**

- All CAP applications must be supported in a single-stand alone contract if funded.
- All CAP 102s must be developed using Manure Management Planner (MMP) Software, or similar nutrient management software that produces a document that meets all components of the CAP-102 and CNMP checklist.
- CNMP Revisions are allowed for payment due to an increase in animal numbers or related resource concerns. See guidance under CAP-104 if only nutrient application acres have changed.
- The CAP 102 Plan Review Checklist is located on eFOTG, Section III.

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## **Conservation Cover (327)**

**Practice Lifespan:** 5 Years

### **Eligible Under:**

- General EQIP
- High Tunnel System Initiative
- MRBI
- NWQI
- Organic
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

### **Appropriate Payment Scenarios:**

- Introduced Species
- Native Species
- Native Grasses and Forbs
- Organic Native Mix
- Organic Pollinator Scenario
- Renovation of NWSG Stands

### **Practice Program Guidance:**

- When planning in General EQIP or Initiatives other than Wildlife or SEKESH, must be planned in conjunction with other pasture or crop practices.
- Payments are authorized for conversion of agricultural lands (cropland, hay or pastureland) to native or cool season species (non-fescue).

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## Conservation Plan Supporting Organic Transition (138)

**Practice Lifespan:** 1 Year

**Eligible Under:**

- Organic Initiative (Transitioning to Organic sub-account)

**Appropriate Payment Scenarios:**

- Conservation Plan Supporting Organic Transition
- Conservation Plan Supporting Organic Transition – No Local TSP

**Practice Program Guidance:**

- All CAP applications must be supported in a single-stand alone contract if funded.
- A Local TSP is defined as headquartered within three hundred miles from the site and will utilize the payment scenario *Conservation Plan Supporting Organic Transition*.
- A non-local TSP is defined as headquartered greater than three hundred miles from the site and will utilize the payment scenario *Conservation Plan Supporting Organic Transition – No Local TSP*.
- The CAP 138 Plan Review Checklist is located on eFOTG, Section III.

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## Cover Crop (340)

**Practice Lifespan:** 1 Year

**Eligible Under:**

- General EQIP
- High Tunnel System Initiative
- MRBI
- NWQI
- On-Farm Energy
- Organic
- RCPP – Managing Poo

**Appropriate Payment Scenarios:**

- Soil Protection N Scavenging Cover
- Soil Health Cover
- Organic Weed Control Cover Crop

**Practice Program Guidance:**

- Cover crops may not be harvested for any reason.
- The payment scenario *Soil Protection N Scavenging* can be applied for a maximum of 3 years, for a total of \$45,000 (\$51,000 HU) per contract.
- When planning the *Soil Health Cover* option, consider contracting for the maximum 5 years to achieve maximum soil health benefits. Maximum of 5 years, for a total of \$150,000 (\$172,500 HU) per contract. Where field soil compaction is not a problem, brassica is no longer a requirement for the Soil Health cover.
- **When planning in the Organic Initiative:**
  - Additional leguminous, high-biomass cover crop/green manure seeding mixes are available for Organic producers. No maximum payment, but still limited to a maximum of 5 years for contracting.
- **When planning in the MRBI and NWQI:**
  - Cover crop may be applied for any year the field is fallow in the rotation. Maximum of 5 years, for a total of \$150,000 (\$172,500 HU) per contract for any payment scenario.

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## Critical Area Planting (342)

**Practice Lifespan:** 10 Years

**Eligible Under:**

- General EQIP
- High Tunnel System Initiative
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Organic Grass/legume mix-normal tillage
- Grass/legume mix-normal tillage
- Grass/legume mix-moderate grading
- Grass/legume mix-heavy grading

**Practice Program Guidance:**

- Stand-alone Critical Area Plantings considered large (0.25 ac.) may be subject to spot check before the contract is approved.
- When planning as a companion practice with another ground disturbing practice (ex: pond, wetland creation, etc.) ALWAYS use the *Grass/Legume Mix- Normal Tillage* payment scenario.
- Mulch is not included in the Critical Area Planting (342) payment scenarios.

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## **Diversion (362)**

**Practice Lifespan:** 10 Years

**Eligible Under:**

- General EQIP
- MRBI
- Organic
- High Tunnel System Initiative

**Appropriate Payment Scenarios:**

- Diversion

**Practice Program Guidance:**

- Must plan (342) Critical Area for seeding of Diversion
  - Can only use Critical Area Scenario *Grass/Legume Mix- Normal Tillage*

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## **Early Successional Habitat Development and Management (647)**

**Practice Lifespan:** 1 Year

**Eligible Under:**

- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Habitat Disking
- Early Successional Habitat Forest Opening (Clearcut)
- Edge Feathering (Cutback Borders)
- Habitat Non-Selective Herbicide
- Habitat Selective Herbicide

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## **Farmstead Energy Improvement (374)**

**Practice Lifespan:** 10 Years

**Eligible Under:**

- On-Farm Energy

**Appropriate Payment Scenarios:**

- Automated Attic Inlets, Heat Recovery vents
- Automatic Controller System
- Evaporative cooling system
- Heating - Radiant Brooder
- Heating - Radiant Quad
- Heating - Radiant Tube
- High Efficiency Heating System (Building)
- Motor Upgrade > 1 and < 10 HP
- Motor Upgrade less than or = 1 HP
- Plate Cooler
- Scroll Compressor
- Scroll Compressor 6 hp

**Practice Program Guidance:**

- For a producer to be eligible to implement Conservation Practice Standard 374, they must have an AgEMP – Headquarters or an on-farm energy audit (no more than five years old) that meets the ASABE S612 standard.
- This practice must be checked out and approved by a Field Engineer.

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## Fence (382)

**Practice Lifespan:** 20 Years

### Eligible Under:

- Forestland
- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

### Appropriate Payment Scenarios:

- Exclusion, electric
- Exclusion, electric, mountain site: use ONLY when the majority (> 50%) of fence contracted will be installed on D slopes or greater.
- Exclusion, barbed wire
- Interior
- Interior, mountain site: use ONLY when the majority (> 50%) of fence contracted will be installed on D slopes or greater.
- Woven wire
- Confinement
- Safety

### Practice Program Guidance:

- When interior fence is contracted, Prescribed grazing (528) must be EQIP contracted and implemented in conjunction with this practice, based on Kentucky Graze (graze.xls) worksheet. Only *Interior* payment rate is authorized. Maximum payment for cross fencing for livestock distribution is \$10,000 (\$11,500 HU).
- Boundary fence (property line fence) or perimeter fence is eligible:
  - On expired or expiring Conservation Reserve Program (CRP) land to establish a grazing operation; however, the practice may not be installed until the CRP contract has expired. See 515.52C regarding eligibility for EQIP on CRP.
  - On land to protect, restore, or enhance an environmentally sensitive area, such as a riparian area or wetland.
  - On land to facilitate a change in production system.
    - Boundary fence is eligible on cropland/hayland being converted to pasture as long as the applicant can prove that the ground is currently in a long term crop rotation (permanent hay is not considered to be in a long-term crop rotation with annual crops), and the change in production system meets all of the following criteria:
      - The change in production system results in a higher level of environmental benefit, such as a lower intensity land use.

- The producer will implement a management practice that supports the change in production system.
  - The practices are necessary to address a resource concern that is associated with the new production system.
  - Its cost effectiveness can be documented.
- Boundary fence must be installed prior to receiving payment for any other grazing practices being installed within the grazing unit.

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## **Field Border (386)**

**Practice Lifespan:** 10 Years

### **Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

### **Appropriate Payment Scenarios:**

- Field Border-Native
- Field Border-Introduced
- Field Border-Pollinator
- Field Border-Organic Seed

### **Practice Program Guidance:**

- Natural regeneration is not eligible for payment.

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## **Firebreak (394)**

**Practice Lifespan:** 5 Years

**Eligible Under:**

- General EQIP
- Organic
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Fire Break-Disked
- Vegetated Fire Break

**Practice Program Guidance:**

- This practice shall not be contracted in forestland or forested settings.
- This practice shall only be contracted in conjunction with Prescribed Burning (338).

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## Forage and Biomass Planting (512)

**Practice Lifespan:** 5 Years

### **Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo
- Triplett Creek

### **Appropriate Payment Scenarios:**

- Endophyte-infected fescue conversion to cool season grass and legume mixture
- Frost-Seeding Legumes
- Cool season grass and legume forage
- Native warm season grass
- Warm season, introduced forage
- Chemical free fescue conversion to cool season grass and legume mixture
- Native warm season grass mix
- Native warm season grass, mined land
- Endophyte infect fescue conversion to native warm season grass mixture
- Organic fescue conversion to NWSGs

### **Practice Program Guidance:**

- If Tall fescue is included, only novel endophyte fescue (5% or less) is acceptable for payment.
- When a Forage and Biomass Planting is scheduled on cropland being converted to pastureland, Prescribed Grazing (528) must be contracted to ensure the acres will be managed according to an approved grazing management plan.
- Payments are not authorized for planting or conversion to a stand of pure legumes.
- Payment for frost seeding legumes is limited to pastures where the dominant slope is equal to or greater than a D slope. Endophyte infected Tall fescue seed may be utilized in these instances if needed to add cover and erosion control, but will have to be seeded at the participant's cost.
- If utilizing the warm season introduced forage scenario, “Wrangler” Bermuda grass is the only seeded variety authorized for EQIP due to its ability to overwinter in Kentucky.
- **A minimum of 5 contiguous acres or 5% of the forage base is required.**
- This practice is not authorized for land currently in forest.

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## Forest Management Plan (106)

**Practice Lifespan:** 1 Year

**Eligible Under:**

- CAP - General
- Triplett Creek

**Appropriate Payment Scenarios:**

- FMP Less Than or Equal to 20 acres
- FMP 21 to 100 acres
- FMP 101 to 250 acres
- FMP 251 to 500 acres
- FMP 501 to 1000 acres
- FMP Greater Than 1000 acres

**Practice Program Guidance:**

- This practice will result in a Forest Management Plan that meets the criteria as identified by NHQ for the CAP 106. The Forest Management Plan will be developed for the woodland owner by a certified technical service provider (TSP).
- This practice is eligible provided that the woodland has never had a forest stewardship plan OR the current forest stewardship plan, prepared by KDF, or a private consultant forester, is more than 10 years old.
- All CAP applications must be supported in a single-stand-alone contract if funded.
- **The CAP 106 Plan Review Checklist is located on eFOTG, Section III.**

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## Forest Stand Improvement (666)

**Practice Lifespan:** 10 Years

**Eligible Under:**

- Forestland
- Southeast KY Early Successional Habitat
- Triplett Creek

**Appropriate Payment Scenarios:**

- Forest Thinning for Wildlife and Health

**Practice Program Guidance:**

- The cost of marking trees is included in the payment scenarios. Participants are expected to contact a private consultant forester to mark trees according to the recommendations in the Forest Management Plan if Kentucky Division of Forestry is not able to service the participant in time to meet contract schedule requirements. A list of private consultant foresters can be found at: <http://www.kacf.org/index.php/find-a-forester/> and <http://www.eforester.org/certifiedforester/CFdirectory-return.cfm>. or through local advertising efforts.
- **When planning in the Forestland Initiative:**
  - Prescription plans that call for light treatment thinning of 20 BA or less per acre are not eligible for this practice under EQIP.
  - Prescription plans that call for treatment of 21-60 BA per acre removed by the above methods use the *Forest Thinning Scenario*.
- **When planning for the Southeast KY Early Successional Habitat Initiative:**
  - A practice prescription plan that describes planned improvement practices prepared by a Biologist or Forester must be on file in the NRCS office before the contract is approved.

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## **Grade Stabilization Structure (410)**

**Practice Lifespan:** 15 Years

### **Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic

### **Appropriate Payment Scenarios:**

- Embankment, Pipe  $\leq 6'$
- Embankment, Pipe 8'-12'
- Embankment, Pipe  $>12'$
- Pipe Drop, Steel
- Pipe Drop, Plastic
- Pipe Inlet
- Chute Structure
- Check Dams
- Panel Rock Drop Structures
- Weir Drop Structures
- Rock Drop Structures

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## Grassed Waterway (412)

**Practice Lifespan:** 10 Years

**Eligible Under:**

- General EQIP
- High Tunnel System Initiative
- MRBI
- NWQI
- Organic

**Appropriate Payment Scenarios:**

- Base GWW < 1000 ft\*
- Base GWW >1000 ft\*
- GWW with checks

\*Linear Feet describes the payment scenario name. The payment will be calculated on a different unit (square feet or acre. Refer to payment schedule for the unit calculations.)

**Practice Program Guidance:**

- When contracting an equipment crossing in a waterway use the Heavy Use Area Protection standard and Rock/Geotextile with site prep payment scenario. **Use the Grassed Waterway Equipment Crossing design.**

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## **Grazing Management Plan (110)**

**Practice Lifespan:** 1 Year

**Eligible Under:**

- CAP - General
- MRBI

**Appropriate Payment Scenarios:**

- Grazing Management Plan Less Than 100 Acres
- Grazing Management Plan 100 to Less Than 1500 Acres
- Grazing Management Plan 1500 - 5000 Acres
- Grazing Management Plan Greater Than 5000 Acres

**Practice Program Guidance:**

- All CAP applications must be supported in a single-stand alone contract if funded.
- **The CAP 110 Plan Review Checklist is located on eFOTG, Section III.**

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## Heavy Use Area Protection (561)

**Practice Lifespan:** 10 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Rock/Gravel on Geotextile
- Concrete Slab, not rebar reinforced
- Reinforced Concrete, no curb
- Concrete Slab with curb (reinforced)
- Concrete(reinforced) Curb on existing slab

**Practice Program Guidance:**

- Heavy Use Areas designed for feeding areas on animal feeding operations (AFO) are eligible for EQIP payments when identified as a component of a Conservation Nutrient Management Plan (CNMP).
- Loafing areas identified as needed in the Conservation Nutrient Management Plan are authorized for financial assistance. In these instances, the Heavy Use Area will be planned for 50sq ft/animal unit not to exceed \$20,000/contract.
- Curbing on existing concrete slabs are eligible for payment under this practice.
- Heavy Use Areas will not be covered.
- Heavy Use Area may also be used as a crossing in a Grassed Waterway (412). Use the Rock/Geotextile with site prep payment scenario.
- Livestock Watering Ramps are now contracted under Watering Facility (614). **Heavy Use Area will ALWAYS be contracted as a companion practice to Watering Facility (614). Use the *Rock or Gravel on Geotextile* payment scenario.**

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## **Hedgerow Planting (422)**

**Practice Lifespan:** 15 Years

**Eligible Under:**

- Organic
- NWQI

**Appropriate Payment Scenarios:**

- Wildlife Machine Plant

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## Herbaceous Weed Control (315)

**Practice Lifespan:** 5 Years

### **Eligible Under:**

- Forestland
- General EQIP
- MRBI
- NWQI
- Organic
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

### **Appropriate Payment Scenarios:**

- Mechanical and Chemical
- Chemical, Spot
- Hand Removal
- Hand Removal and Chemical

### **Practice Program Guidance:**

- This practice is not EQIP eligible on pastureland.
- NRCS has approved a national waiver for Herbaceous Weed Control (315) practice for multiple applications for up to three consecutive years. As appropriate, the practice payment scenarios *Hand Removal* or *Mechanical and Chemical*, *Hand Removal and Chemical* and *Chemical, Spot* would be utilized in various situations depending upon degree of infestation, species and other factors. *Chemical, Spot* should in most cases be used as a follow up treatment.
- **When planning in the Forestland Initiative:**
  - Always use the *Chemical, Spot* Scenario (handheld, backpack, or ATV sprayer).

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## High Tunnel System (325)

**Practice Lifespan:** 4 Years

**Eligible Under:**

- High Tunnel System Initiative
- Organic

**Appropriate Payment Scenarios:**

- Contiguous US (Quonset)
- Contiguous US Snow (Gothic)

**Practice Program Guidance:**

- This practice will be capped at \$10,000 (\$11,500 HU) per contract.
- Payment will not be made until the High Tunnel structure is completely installed according to manufacturer's kit instructions with bracing, plastic, end walls, etc. installed. The Seasonal High Tunnel must be capable of meeting the intent of the practice, which is to extend the growing season, before NRCS can approve payment.
- Fans, heating, lighting is not prohibited and can be installed at the participant's expense.

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## **Integrated Pest Management (595)**

**Practice Lifespan:** 1 Year

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic

**Appropriate Payment Scenarios:**

- Basic IPM Field 1RC
- Basic Field IPM > 1 RC
- Advanced Field All RC
- Basic IPM Fruit/Veg. 1 RC
- Basic IPM Fruit/Veg. > 1 RC
- Advanced IPM Fruit/Veg. All RC
- Basic IPM Orchard 1 RC
- Basic IPM Orchard > 1 RC
- Advanced IPM Orchard All RC
- IPM S-Farm 1 RC
- IPM S-Farm > 1 RC
- Advanced IPM S-Farm All RC
- Risk Prevention IPM All RC

**Practice Program Guidance:**

- For a producer to be eligible to implement Conservation Practice Standard 595, they must have a Integrated Pest Management Plan at time of application. This plan can either be written by a certified Technical Service Provider (TSP) or an NRCS employee using WINPST.

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## **Integrated Pest Management Herbicide Resistant Weed Plan (154)**

**Practice Lifespan:** 1 Year

**Eligible Under:**

- CAP - General

**Appropriate Payment Scenarios:**

- IPM Herbicide Resistance Weed Management CAP Small-Specialty Less Than or Equal to 50 Acres
- IPM Herbicide Resistance Weed Management CAP Medium 51 - 250 Acres
- IPM Herbicide Resistance Weed Management CAP Large - Greater Than 250 Acres

**Practice Program Guidance:**

- All CAP applications must be supported in a single-stand alone contract if funded.

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## **Integrated Pest Management Plan (114)**

**Practice Lifespan:** 1 Year

**Eligible Under:**

- CAP - General
- MRBI

**Appropriate Payment Scenarios:**

- IPM Management CAP Small-Specialty Less Than 50 Acres
- IPM Management CAP Medium 51 - 250 Acres
- IPM Management CAP Large - Greater Than 250 Acres

**Practice Program Guidance:**

- All CAP applications must be supported in a single-stand alone contract if funded.
- The CAP 114 Plan Review Checklist is located on eFOTG, Section III.

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## **Irrigation System, Microrrigation (441)**

**Practice Lifespan:** 15 Years

**Eligible Under:**

- General EQIP
- High Tunnel System Initiative
- MRBI
- NWQI
- Organic

**Appropriate Payment Scenarios:**

- Hoop House Surface Microirrigation
- Surface Tape > 6 acres
- Surface Tape 1.1 - 6 acres
- SDI (Subsurface Drip Irrigation)
- Surface Tape < or = 1 acre
- Surface PE with emitters
- Microjet

**Practice Program Guidance:**

- This practice requires an Irrigation Water Management Plan that meets the Irrigation Water Management Standard (449).
- Applicants must provide documentation that they meet the Irrigation History requirements as outlined in the General Guidelines section of this manual.

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## **Irrigation Water Management (449)**

**Practice Lifespan:** 1 Year

**Eligible Under:**

- General EQIP
- High Tunnel System Initiative
- MRBI
- NWQI
- On-Farm Energy
- Organic

**Appropriate Payment Scenarios:**

- Advanced- Soil Moisture Sensors
- Basic IWM = 30 acres
- Basic IWM > 30 acres
- Intermediate IWM = 30 acres
- Intermediate IWM > 30 acres
- Soil Moisture Sensors with Data Recorder

**Practice Program Guidance:**

- Applicants must provide documentation that they meet the Irrigation History requirements as outlined in the General Guidelines section of this manual.

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## **Irrigation Water Management Plan (118)**

**Practice Lifespan:** 1 Year

**Eligible Under:**

- CAP - General
- MRBI
- NWQI

**Appropriate Payment Scenarios:**

- Irrigation Water Mgt Conservation Activity Plan

**Practice Program Guidance:**

- All CAP applications must be supported in a single-stand alone contract if funded.
- The CAP 118 Plan Review Checklist is located on eFOTG, Section III.

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## **Lighting System Improvement (670)**

**Practice Lifespan:** 10 Years

**Eligible Under:**

- On-Farm Energy

**Appropriate Payment Scenarios:**

- Lighting - CFL bulbs
- Lighting - LED bulbs
- Lighting Linear LED lamp
- Lighting - Linear Fluorescent fixtures
- Lighting LED dusk to dawn lighting fixture
- Lighting - LED high bay lighting fixtures

**Practice Program Guidance:**

- For a producer to be eligible to implement Conservation Practice Standard 670, they must have an AgEMP – Headquarters or an on-farm energy audit (no more than five years old) that meets the ASABE S612 standard.
- This practice must be checked out and approved by a Field Engineer.

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## **Lined Waterway or Outlet (468)**

**Practice Lifespan:** 15 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI

**Appropriate Payment Scenarios:**

- Membrane
- Rock Lined, 12 inch
- Rock Lined - 18'
- Rock Lined, 24 inch

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## Livestock Pipeline (516)

**Practice Lifespan:** 20 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Buried Pipeline, all diameters
- Buried Pipeline in Rocky Terrain

**Practice Program Guidance:**

- EQIP eligibility for water system developments are limited to operations where poor livestock distribution is resulting in resource degradation or where livestock are being excluded from a stream, wetland or pond currently being used as a watering source.
- A resource concern, that can be addressed by improved livestock distribution, must be evident (resource concern cannot be due primarily to over-stocking).
- When grazing distribution is the resource concern being addressed, Prescribed Grazing (528) will be contracted. A prescribed grazing plan is required that includes both the KY Graze worksheet and Prescribed Grazing (528) Job Sheet.
- When water quality is the resource concern being addressed, Prescribed Grazing is not required to be contracted.
- A payment is authorized only for permanently installed tanks or waterers.
- Payments are not authorized for livestock water systems installation in confined livestock operations, loafing lots or barn lots
- **When planning in the Wildlife Initiative or Southeast KY Early Successional Habitat Initiative:**
  - Only authorized when excluding livestock from an existing water source.

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## **Mulching (484)**

**Practice Lifespan:** 1 Year

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo
- Seasonal High Tunnel
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Natural Full Coverage
- Erosion Control Blanket

**Practice Program Guidance:**

- Mulching will be a companion practice for most ground disturbing practices and contracted separately (ex: grassed waterway, pond, lined waterway, etc.)

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## **Nutrient Management (590)**

**Practice Lifespan:** 1 Year

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo

**Appropriate Payment Scenarios:**

- Basic NM – Inorganic Fertilizer
- Basic – Manure
- Precision System
- Advanced Precision
- Enhanced
- Basic Organic
- Small Farm Diversified
- Adaptive

**Practice Program Guidance:**

- For a producer to be eligible to implement Conservation Practice Standard 590, they must have a NRCS certified Comprehensive Nutrient Management Plan (102) or Nutrient Management Plan (104) written at the time of application. A maximum of \$25,000 (\$29,000 HU) per contract per year for a maximum of 3 years; a total of \$75,000 (\$87,000 HU) per contract.

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## Nutrient Management Plan (104)

**Practice Lifespan:** 1 Year

**Eligible Under:**

- CAP - General
- MRBI
- NWQI
- Organic

**Appropriate Payment Scenarios:**

- Nutrient Management CAP 101 - 300 Acres (Not part of a CNMP)
- Nutrient Management CAP Less Than or Equal to 100 Acres (Element of a CNMP)
- Nutrient Management CAP Greater Than 300 Acres (Not part of a CNMP)
- Nutrient Management CAP 101 - 300 Acres (Element of a CNMP)
- Nutrient Management CAP Greater Than 300 Acres (Element of a CNMP)

**Practice Program Guidance:**

- Only applies to commercial fertilizer application, or the application of animal manure that is brought onto the farm and immediately applied or temporarily stored without a structural manure storage facility.
- NRCS CNMP's (CAP 102) that require a revision due to a change in nutrient application acres can be revised using the CAP 104 payment schedules.
- All CAP applications must be supported in a single-stand alone contract if funded.
- **The CAP 104 Plan Review Checklist is located on eFOTG, Section III.**

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## Pond (378)

**Practice Lifespan:** 20 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic

**Appropriate Payment Scenarios:**

- Excavated Pit
- Embankment Pond without pipe
- Embankment Pond with Drop Inlet Pipe
- Embankment Pond with Hood Inlet Pipe

**Practice Program Guidance:**

- EQIP eligibility for water system developments are limited to operations where poor livestock distribution is resulting in resource degradation or where livestock are being excluded from a stream, wetland or pond currently being used as a watering source.
- A resource concern, that addresses better livestock distribution, must be evident (resource concern cannot be due primarily to over-stocking).
- When grazing distribution is the resource being addressed, Prescribed Grazing (528) will be contracted. A prescribed grazing plan is required that includes both the KY Graze worksheet and Prescribed Grazing (528) Job Sheet.
- When water quality is the resource concern being addressed, Prescribed Grazing is not required to be contracted.
- A payment is authorized only for permanently installed tanks or waterers.
- Payments are not authorized for livestock water systems if they are to be installed in confined livestock operations, loafing lots or barn lots
- **Work on existing ponds is not authorized.**
- Required companion practices: Critical Area Planting (342), Mulching (484), Fence (382).

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## Prescribed Burning (338)

**Practice Lifespan:** 1 Year

**Eligible Under:**

- General EQIP
- NWQI
- Organic
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Native Grass Burn

**Practice Program Guidance:**

- Burning for site preparation for a planting is not authorized for payment.
- Prescribed burning should not be planned on contracts unless at least 10 acres is being planned. Prescribed burning is not eligible for field borders.
- Prescribed burning payment may only be received once every three years on the same acreage during the contract period.
- Detailed prescribed burning plans are not required for ranking purposes. However, a copy of the KDFWR, The Nature Conservancy (TNC), or qualified TSP detailed written prescribed burn plan must be in the six part folder before the burning takes place. Payment will not be made for burning without a KDFWR, TNC, or qualified TSP prescribed burning plan. Completed burn plans must also be sent to KDF prior to burn implementation.
- NRCS personnel are not authorized to prepare burn plans or conduct prescribed burns.

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## Prescribed Grazing (528)

**Practice Lifespan:** 1 Year

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo
- Triplett Creek

**Appropriate Payment Scenarios:**

- Pasture Standard

**Practice Program Guidance:**

- Payment is authorized for one year to assist with planning, applying and maintaining an effective Prescribed Grazing System.
- Prescribed Grazing for livestock distribution is only authorized when producers are implementing a prescribed grazing system employing a **minimum of 4 paddocks for each herd**.
- Prescribed Grazing **must** be contracted through EQIP when livestock water is being contracted based on a resource concern of poor grazing distribution.
- **Maximum payment for any prescribed grazing contract is \$7,500 (\$8,600 HU).**
- **Prescribed Grazing cannot be planned in the first year of the contract.** All planned, facilitating practices needed to implement prescribed grazing (528) must be in place and operational before payment can be authorized.
- The 528 Prescribed Grazing KY EQIP Practice Certification Checklist must be used to document grazing plan implementation prior to practice payment. The certification checklist is included in the EQIP Guidance Document. A link to the certification checklist is included in the Table of Contents.

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## **Pumping Plant (533)**

**Practice Lifespan:** 15 Years

### **Eligible Under:**

- MRBI
- On-Farm Energy
- General EQIP

### **Appropriate Payment Scenarios:**

- Pump >20 HP
- Pump >10 and <= 20 HP
- Livestock Nose Pump
- Pump >5 and <= 10 HP
- Pump >1.5 HP and <= 5 HP
- Water Ram
- Pump <= 1.5 HP

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## Residue and Tillage Management, No-Till (329)

**Practice Lifespan:** 1 Year

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic

**Appropriate Payment Scenarios:**

- No-Till/Strip-Till

**Practice Program Guidance:**

- Note that Strip-Till is no longer included in this standard despite the payment scenario name *No-Till/Strip-Till*.
- A payment is authorized for converting to an ALL NO-TILL crop rotation.
- A payment for no-till will only be made for those crops not previously planted using no-till (e.g. producer is already using no-till for his corn, but not on wheat. A payment is only authorized in the year and on the acres that wheat is no-tilled).
- Payments can be made from 1 up to 3 years depending on the rotation and the planner's recommendation.
- **Practice payment limited to \$3,000 (\$3,500 HU) per contract per year for this practice. Maximum of 3 years, for a total of \$9,000 (\$10,500 HU) per contract.**

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## **Riparian Forest Buffer (391)**

**Practice Lifespan:** 15 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- RCPP – Managing Poo
- Southeast KY Early Successional Habitat Initiative
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Bare-root, hand planted, conifers, hrdwds, shrubs
- Bare-root, machine planted, conifers, hrdwds, shrubs

**Practice Program Guidance:**

- NRCS staff will provide technical assistance for this practice. Do not send a TAR to KY Division of Forestry staff for assistance for Riparian Forest Buffer (391).
- KDFWR Biologists will provide technical assistance for this practice under the Wildlife and Southeast KY Early Successional Habitat Initiatives.

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## **Riparian Herbaceous Cover (390)**

**Practice Lifespan:** 5 Years

### **Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

### **Appropriate Payment Scenarios:**

- Warm Season Grass with Forbs
- Cool Season Grass with Forbs

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## Road/Trail/Landing Closure and Treatment (654)

**Practice Lifespan:** 10 Years

### **Eligible Under:**

- Forestland
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife
  
- **Appropriate Payment Scenarios:** Road/Trail Abandonment/Rehab (Light) (light shaping/grading, construction of water bars, seeding & mulch)

### **Practice Program Guidance:**

- This practice is not eligible on land that has been logged within the past 10 years.
- The Technical Area Resource Conservationist will review and concur prior to approval of this treatment in the practice schedule.
- **When planning in the Wildlife Initiative or Southeast Early Successional Habitat Initiative or WLFW:**
  - Also requires Tree/Shrub Site Prep (490) and Tree/Shrub Establishment (612)

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## **Roof Runoff Structure (558)**

**Practice Lifespan:** 15 Years

### **Eligible Under:**

- General EQIP
- High Tunnel System Initiative
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo

### **Appropriate Payment Scenarios:**

- Roof runoff storage tank
- Drip pad
- Gutters and downspouts
- Gutters, downspouts and fascia boards
- Trench Drain
- Concrete Curb
- Gutters, downspouts and storage tank

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## **Roofs and Covers (367)**

**Practice Lifespan:** 15 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo

**Appropriate Payment Scenarios:**

- Steel Frame and Roof
- Post Frame Roof, 30-60ft wide
- Flexible Roof
- Post Frame Roof, less than 30ft wide
- Post Frame Roof, Bedrock Foundation

**Practice Program Guidance:**

- Must be used in conjunction with Animal Mortality Facility (316), Composting Facility (317) or Waste Storage Facility (313).
- Cannot be used in conjunction with Heavy Use Area (561).
- Payment does not include cost for roof runoff management.

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## Spring Development (574)

**Practice Lifespan:** 20 Years

**Eligible Under:**

- General EQIP
- NWQI
- Organic
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Large spring with Concrete Cutoff Wall
- Small Spring with Concrete Cutoff Wall
- Small Spring with Compacted Clay Cutoff Wall
- Small Spring with Compacted Clay Cutoff Wall with storage tank

**Practice Program Guidance:**

- EQIP eligibility for water system developments are limited to operations where poor livestock distribution is resulting in resource degradation or where livestock are being excluded from a stream, wetland or pond currently being used as a watering source.
- A resource concern, that addresses better livestock distribution, must be evident (resource concern cannot be due primarily to over-stocking).
- When grazing distribution is the resource being addressed, Prescribed Grazing (528) will be contracted. A prescribed grazing plan is required that includes both the KY Graze worksheet and Prescribed Grazing (528) Job Sheet.
- When water quality is the resource concern being addressed, Prescribed Grazing is not required to be contracted.
- Payments are not authorized for livestock water systems installed in confined livestock operations, loafing lots or barn lots.
- When ranking and contracting springs and ponds, the pipe, tank, fence (ponds), seeding, and mulching (if needed) will be ranked, contracted, and paid separately.
- Required additional practices: Critical Area Planting (342)
- **When planning in the Wildlife Initiative or Southeast KY Early Successional Habitat Initiative:**
  - Only authorized when excluding livestock from an existing water source.

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## Stream Crossing (578)

**Practice Lifespan:** 10 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Hard armored low water crossing

**Practice Program Guidance:**

- **Pasture situations:** When planned for livestock, or a combination of livestock/equipment, the stream exclusion fence must be installed prior to approving payment for the stream crossing.
- Culvert or bridge type crossings are not authorized under EQIP. Payments under EQIP are restricted to the ford type crossings using rock.

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## Streambank and Shoreline Protection (580)

**Practice Lifespan:** 20 Years

**Eligible Under:**

- General EQIP
- NWQI
- Triplett Creek

**Appropriate Payment Scenarios:**

- Bioengineered
- Structural-Riprap, Block, Gabions
- Structural-J Hook, Cross Vanes

**Practice Program Guidance:**

- **This practice is eligible ONLY on first (1<sup>st</sup>), second (2<sup>nd</sup>), and third (3<sup>rd</sup>) order streams according to the Strahler Stream Orders of the National Hydrography Data (NHD).** Additionally, this practice is eligible on fourth (4<sup>th</sup>) order streams where aquatic species listed on the “*T&E Species by County List*” (dated 2/2011) are present.
- All 580 practices shall be completed using bioengineering and natural stream channel concepts where possible.
- A Riparian Forest Buffer (391) is required in conjunction with streambank protection. The Riparian Forest Buffer must be applied to the entire reach of stream or shoreline contained in that field.
- Fencing is required when cattle are present and are impairing water quality or causing stream bank erosion. Fencing must be applied to the entire reach of stream or shoreline contained in that field. Required Companion Practices: Riparian Forest Buffer (391)

**Triplett Creek**

- This practice may be utilized only on the main stem of Triplett Creek in areas that have been degraded by gravel mining or other similar disturbance and where it can be demonstrated that the disturbance directly degrades habitat for the hellbender salamander. To determine eligible sites refer to the *Hellbender Habitat GIS Layer*.

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## **Stripcropping (585)**

**Practice Lifespan:** 5 Years

**Eligible Under:**

- Organic
- NWQI

**Appropriate Payment Scenarios:**

- Strips – Water Erosion

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## **Structure for Water Control (587)**

**Practice Lifespan:** 20 Years

**Eligible Under:**

- MRBI
- NWQI
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Inline Flashboard Riser, Metal
- Commercial Inline Flashboard Riser
- Inlet Flashboard Riser, Metal

**Practice Program Guidance:**

- Possible facilitating practice for Wetland Creation (658) and Wetland Restoration (657).

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## **Subsurface Drain (606)**

**Practice Lifespan:** 20 Years

### **Eligible Under:**

- General EQIP
- High Tunnel System Initiative
- MRBI
- NWQI
- Organic

### **Appropriate Payment Scenarios:**

- Corrugated Plastic Pipe (CPP), Single-Wall, = 6 Inches
- Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, = 6 Inches
- Corrugated Plastic Pipe (CPP), Single-Wall, = 8 Inches
- Corrugated Plastic Pipe (CPP), Twin-Wall, = 8 Inches

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## **Terrace (600)**

**Practice Lifespan:** 10 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic

**Appropriate Payment Scenarios:**

- Broadbased
- Grass Back
- Narrow Base, less than 8% slope

**Practice Program Guidance:**

- Pipe outlet structures that only control water flow from natural drainage ways through fields and do not extend across the field on a gradient or contour shall be considered Water and Sediment Control Basins (638).

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## Trails and Walkways (575)

**Practice Lifespan:** 10 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- Triplett Creek

**Appropriate Payment Scenarios:**

- Rock-Gravel-Geotextile

**Practice Program Guidance:**

- Authorized payment only for trails and walkways to facilitate movement of livestock.
- This practice is not applicable to protecting gate areas. However, the trail and walkway may be designed to include gate openings.

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## Tree and Shrub Site Prep (490)

**Practice Lifespan:** 1 Year

### **Eligible Under:**

- Forestland
- General EQIP
- MRBI
- NWQI
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

### **Appropriate Payment Scenarios:**

- Hand Applied Herbicide-Forest – General EQIP, Forestland and Wildlife Initiatives (includes backpack, handheld, or ATV/UTV mounted sprayers)
- Mow and Spray, Non-Forest – General EQIP, Wildlife and Southeast KY Early Successional Habitat ONLY
- Mow and Disk, Non-Forest

### **Practice Program Guidance:**

- This practice will be included for all tree and shrub establishment in non-forest settings (use *Mow and Spray-NonForest* or *Mow and Disk –Non Forest* payment scenarios).
- Utilize the *Hand Applied Herbicide - Forest* payment scenario as the initial and only treatment of woody invasives (in forested setting) when average species height is less than 4.5 feet and infestation is sufficient to impede natural regeneration.
- **When Planning in the Wildlife Initiative or the Southeast KY Early Successional Habitat Initiative:**
  - This practice should be utilized in conjunction with (612) Tree/Shrub Establishment for all tree and shrub plantings.
  - A one-time only payment is authorized

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## Tree/Shrub Establishment (612)

**Practice Lifespan:** 15 Years

### **Eligible Under:**

- Forestland
- General EQIP
- MRBI
- NWQI
- Organic
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

### **Appropriate Payment Scenarios:**

- Hand plant bare roots hardwoods, no tubes
- BRHdws, machine plant, dense, no tubes
- Potted, each, tube

### **Practice Program Guidance:**

- If the applicant is not working with a private forester, complete and forward a TAR form to KDF as soon as application is pre-screened as high or medium priority.
- KY Division of Forestry will prepare a prescription plan before the practice is installed. Consult the KDF forester to determine the appropriate payment schedule scenario for obligation. (Refer to and complete “Tree & Shrub Establishment (612) Job Sheet”)
- Participants using the services of a private consultant forester should be provided a copy of the “Tree & Shrub Establishment (612) Job Sheet” for completion, or submit a detailed plan prepared by their forester.
- The *Potted, each, tube* scenario shall only be utilized where enrichment or inter-planting of trees is recommended to enhance wildlife habitat and biodiversity. Spacing shall be greater than 20 X 20 and shall not exceed 75 plants per acre. This scenario is not intended to be utilized where there are no existing trees. This scenario must be completed in conjunction with Forest Stand Improvement (666), Early Successional Habitat Development and Management (647) for Edge Feathering and/or Patch Clearcuts, or Brush Management (314).

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## **Underground Outlet (620)**

**Practice Lifespan:** 20 Years

### **Eligible Under:**

- General EQIP
- High Tunnel System Initiative
- MRBI
- NWQI
- Organic
- Southeast KY Early Successional Habitat Initiative
- Triplett Creek Partnership Initiative
- Wildlife

### **Appropriate Payment Scenarios:**

- Pipe, no inlet, 6 inch or less
- Pipe, no inlet, 12 inches or less
- Pipe, no inlet, greater than 12 inch
- Pipe, riser, 6 inch or less
- Pipe, riser, 12 inch or less
- Pipe, riser, greater than 12 inch
- Pipe, drop inlet, 6 inch or less
- Pipe, drop inlet, 12 inch or less
- Pipe, drop inlet, 18 inch or less
- Pipe, drop inlet, 24 inch or less
- Pipe, drop inlet, 30 inch or less
- Pipe, drop inlet, greater than 30 inch

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## **Vegetated Treatment Area (635)**

**Practice Lifespan:** 10 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- RCPP – Managing Poo

**Appropriate Payment Scenarios:**

- Graded Area, Mechanical Distribution
- Existing Area, Pod Sprinkler System Distribution
- Graded Area, Gravity Flow Surface Application
- Existing Vegetative Area, Gravity Flow Surface Application
- Graded Area, Pumped Into A Basin, Gravity Flow Surface Application

**Practice Program Guidance:**

- Required practices: Critical Area Planting (342)
- This practice is to be designed for “no discharge”.

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## Waste Storage Facility (313)

**Practice Lifespan:** 15 Years

### Eligible Under:

- General EQIP
- MRBI
- NWQI
- RCPP – Managing Poo

### Appropriate Payment Scenarios:

- Dry Stack, concrete floor, concrete wall
- Dry Stack, earthen floor, concrete wall
- Dry stack, earthen floor, wood wall
- Drystack, earthen floor, no walls
- Earthen Storage Facility greater than 50K ft<sup>3</sup> Storage
- Earthen Storage Facility High Water Table
- Earthen Storage Facility less than 50K ft<sup>3</sup> Storage
- Tank 75K to 110K cu.ft. of waste stored
- Tank, 110K cu.ft. of waste stored or greater
- Tank, 15K cu.ft. to 25K cu.ft. of waste stored
- Tank, 25K to 50K cu.ft. of waste stored
- Tank, 50K to 75K cu.ft. of waste stored
- Tank, 5K cu.ft. to 15K cu.ft. of waste stored
- Tank, less than 5K cu.ft. of waste stored

### Practice Program Guidance:

- Waste Storage Facility and Waste Treatment Lagoon for poultry litter are not eligible for EQIP payments.
- An approved, Comprehensive Nutrient Management Plan (CNMP) is required **BEFORE** providing FA or TA assistance on any animal waste management structure that is planned on an Animal Feeding Operation (AFO).
- To be eligible for a Waste Storage Facility the applicant must have an existing roofed feeding area with a compacted granular surface floor that is capable of being scraped or their written CNMP must include the need for a roofed feeding area with a compacted granular surface floor which the participant is willing to construct at their own cost prior to payment for the Waste Storage Facility. The feeding area must be adequately sized for the number of animal units in the participant's Animal Feeding Operation (AFO). We cannot offer financial assistance for the construction of the feeding area, but we can offer technical assistance on sizing of the feeding area. The sizing guidelines in the Heavy Use Area Protection (561) Standard will be used when assisting participants with feeding area sizing.
- Under no circumstances will the roof of the cost shared Waste Storage Facility be connected to an existing or newly constructed feeding area.
- Required companion practice for dry stack facilities: Roofs and Covers (367)

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## **Waste Transfer (634)**

**Practice Lifespan:** 15 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- RCPP – Managing Poo

**Appropriate Payment Scenarios:**

- 12 inch diameter, Low pressure flow, PVC conduit
- Medium sized wastewater reception pit with 6 inch conduit transfer pipe to waste storage pond
- Wastewater reception pit, 1000 to 5000 gal.
- Wastewater catch basin, less than or equal to 1000 gal.
- Wastewater basin, 5000 gal. and larger
- Large reception pit, 8 inch pipe to treatment, plus 6 inch pipe to storage.

**Practice Program Guidance:**

- Practice is only eligible when identified as necessary in a TSP written Comprehensive Nutrient Management Plan (102).

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## Waste Treatment Lagoon (359)

**Practice Lifespan:** 15 Years

**Eligible Under:**

- General EQIP
- NWQI
- RCPP – Managing Poo

**Appropriate Payment Scenarios:**

- Waste Treatment Lagoon

**Practice Program Guidance:**

- Waste Storage Facility and Waste Treatment Lagoon for poultry litter are not eligible for EQIP payments.
- Livestock related resource concerns must be present during the evaluation period.
- An approved, Comprehensive Nutrient Management Plan (CNMP) is required **BEFORE** providing FA or TA assistance on any animal waste management structure when the operation meets the definition of an Animal Feeding Operation (AFO).
- Modification to existing structures is only acceptable when the existing structure meets NRCS designs and standards.

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## Water and Sediment Control Basin (638)

**Practice Lifespan:** 10 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI

**Appropriate Payment Scenarios:**

- WASCOD, greater than 250 CY
- WASCOD topsoil
- WASCOD less than 250 CY

**Practice Program Guidance:**

- Anytime a WASCOD is planned and contracted, the fields draining into the WASCOD must be planned so that soil loss does not exceed the soil loss tolerance (T). RUSLE2 reports, before and after, must be in the case file for documentation of soil loss.
- Required companion practices: Underground Outlet (620)

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## Water Well (642)

**Practice Lifespan:** 20 Years

**Eligible Under:**

- General EQIP
- MRBI
- NWQI
- Organic
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Plastic Casing for unconsolidated geologic sites with unstable rock formations
- Steel casing for consolidated geologic sites with stable rock formations

**Practice Program Guidance:**

- EQIP eligibility for water system developments are limited to operations where poor livestock distribution is resulting in resource degradation or where livestock are being excluded from a stream, wetland or pond currently being used as a watering source.
- A resource concern, that addresses better livestock distribution, must be evident (resource concern cannot be due primarily to over-stocking).
- When grazing distribution is the resource being addressed, Prescribed Grazing (528) will be contracted. A prescribed grazing plan is required that includes both the KY Graze worksheet and the Prescribed Grazing (528) Job Sheet.
- When water quality is the resource concern being addressed, Prescribed Grazing is not required to be contracted.
- Payments are not authorized for livestock water systems installed in confined livestock operations, loafing lots or barn lots
- When ranking and contracting springs and ponds, the pipe, tank, fence (ponds), seeding, and mulching (if needed) will be ranked, contracted, and paid separately.
- **When planning in the Wildlife Initiative or Southeast KY Early Successional Habitat Initiative:**
  - Only authorized when excluding livestock from an existing water source.

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## Watering Facility (614)

**Practice Lifespan:** 20 Years

### Eligible Under:

- General EQIP
- MRBI
- NWQI
- Organic
- RCPP – Managing Poo
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

### Appropriate Payment Scenarios:

- 2-hole freeze-proof watering trough
- 4-hole freeze-proof watering trough
- Converted heavy equipment tire trough
- Tank, 100 to 500 gallons
- Tank, 1000 to 1500 gallons
- Tank, 500 to 1000 gallons
- Tank, greater than 1500 gallons
- Water Ramp, Rock in GeoCell on Geotextile
- Water Ramp, Rock Riprap and gravel on Geotextile
- Water Ramp, Rock on Geotextile

### Practice Program Guidance:

- EQIP eligibility for water system developments are limited to operations where poor livestock distribution is resulting in resource degradation or where livestock are being excluded from a stream, wetland or pond currently being used as a watering source.
- A resource concern, that addresses better livestock distribution, must be evident (resource concern cannot be due primarily to over-stocking).
- When grazing distribution is the resource being addressed, Prescribed Grazing (528) will be contracted. A prescribed grazing plan is required that includes both the KY Graze worksheet and Prescribed Grazing (528) Job Sheet.
- When water quality is the resource concern being addressed, Prescribed Grazing is not required to be contracted.
- These are planning considerations and are decisions which can only be made by the producer and conservation planner at the time of the field evaluation.
- A payment is authorized only for permanently installed tanks or waterers.
- Payments are not authorized for livestock water systems installed in confined livestock operations, loafing lots or barn lots
- **Required Companion Practices: Heavy Use Area (561) use the Rock or Gravel on Geotextile payment scenario.**
- **When planning in the Wildlife Initiative or Southeast KY Early Successional Habitat Initiative:**
  - Only authorized when excluding livestock from an existing water source.

## Wetland Creation (658)

**Practice Lifespan:** 5 Years

**Eligible Under:**

- MRBI
- NWQI
- Southeast KY Early Successional Habitat
- Triplett Creek
- Wildlife

**Appropriate Payment Scenarios:**

- Shallow Water Areas
- Ephemeral Pools

**Practice Program Guidance:**

- Shallow water areas and ephemeral pools:
  - KDFWR Biologists shall work with NRCS personnel to identify suitable sites and develop designs for shallow water areas and ephemeral pools. NRCS is responsible for planning, designing, layout, and certification of this practice.
  - Payment should be based on the footprint (i.e. area of disturbance) to create the EP or SWA.
  - Required companion practices: Critical Area Planting (342), Mulching (484)

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## Woody Residue Treatment (384)

**Practice Lifespan:** 10 Years

### **Eligible Under:**

- Forestland
- Southeast Kentucky Early Successional Habitat
- Triplett Creek
- Wildlife

### **Appropriate Payment Scenarios:**

- Chipper/Shredder On-Off Site
  - (biomass can be dragged to a central chipping/shredding location or if permissible, chipped where it lays; treatment must be feasible to complete on at least 75% of the treatment area; refers to chipper/shredder unit pulled by truck, tractor, or UTV)
- Restoration/conservation treatment following catastrophic events – Forestland Initiative ONLY
  - (A large amount of slash and woody residue has been created as a result of a non-silvicultural event such as a wind storm, wildfire, ice storm, pest outbreak, etc. Because the slash and residue is created by a catastrophic event that can cause tree-lodging, snags, broken tops, etc.; treatment is both difficult and dangerous. The presence of this material causes adverse effects on the forest such as: limiting access for management purposes, increasing the wildfire hazard, increasing the risk of potential harm to humans and livestock, and providing harboring sites for pests. )

### **Practice Program Guidance:**

- For natural disasters, KDF or a private consulting forester must have inspected the site and recommended the practice for consideration to alleviate current and future forest health.
- Utilize the *Chipper/shredder on-off site* scenario when resulting biomass from other cultural treatments (ex: Brush Mgt (314) will create a wildfire hazard or impede future followup treatments.

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## **EQIP Forestland Initiative**

### **Purpose**

Kentucky forests include over nine million acres of privately owned woodland. It is critically important that wise forest management be practiced to help preserve this significant, renewable, natural resource. A properly managed forest not only provides increased value in timber resources. It also serves to improve and protect water quality, create outdoor recreational opportunities, sequester more carbon from the atmosphere, enhance wildlife habitat, and increase overall aesthetics of the property. The 2008 Farm Bill placed increased emphasis on non-industrial private forestland with specific funding earmarked for forest related practices. This emphasis is continued through the 2014 Farm Bill. This initiative will focus on practices that will improve forest health; promote proper forest management; landowner education of the resource base.

### **General**

Participants will need to meet the following requirements to apply for funding under this initiative:

- Meet all producer and land eligibility as outlined in 515.51, 515.52 and 512.22.
- Have a forest stewardship plan, forest management plan, or compatible document prepared by a forestry professional, for all acreage included in the EQIP contract.

### **National Issues**

Refer to general guidelines when answering the national EQIP questions.

### **State Issues**

Questions 2a-2d are self-explanatory, only answer yes to these questions when the practice(s) to be installed with EQIP funds will address that specific concern/question.

Question 2e – Only answer yes when the participant has a current Kentucky Agriculture Water Quality Act Plan or a Forest Stewardship/Forest Management Plan (CAP 106) that includes the Best Management Practices (BMP) or land use they are requesting financial assistance for.

### **Application Evaluation**

Applications will be screened using the *Forestland Initiative* screening tool to determine the ranking priority prior to full evaluation. All eligible High applications will be ranked within ProTracts using the Application Evaluation and Ranking Tool (AERT) established for this initiative.

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## **EQIP Mississippi River Basin Healthy Watershed Initiative (MRBI)**

### **Purpose**

Through the Mississippi River Basin Healthy Watersheds Initiative (MRBI) the Natural Resources Conservation Service (NRCS) and our partners work with producers and landowners to implement voluntary conservation practices that improve water quality, restore wetlands, enhance wildlife habitat and sustain agricultural profitability in the Mississippi River Basin. Kentucky MRBI Focus Watersheds include the Red River, Southeast Lower Green River, Central Lower Green River and Buck Creek. Core and supporting practices offered through MRBI have been established based on the natural resources being targeted in each watershed across the State.

### **General**

Participants will need to meet the following requirements to apply for funding under this initiative:

- To be eligible for MRBI-EQIP the majority (50% or greater) of the treatment unit must be within an approved watershed (ArcGIS layer should be used to determine MRBI approved watershed boundaries).
- ALL MRBI contracts must include at least one of the applicable core practices, or must be completing a conservation system that supports core practices that are documented as already applied on the land under contract.
- No application will be considered for funding if it does not meet all eligibility requirements by the end of the application period (512.22).
- All CAP applications submitted under the MRBI Initiative must have the Application Type “Planning” and **will** be ranked using the Application Evaluation Ranking Tool (AERT) in ProTracts.

### **National Issues**

Refer to general guidelines when answering the national EQIP questions with exception of questions 4 and 8. These ranking questions will always be answered “No” for MRBI applicants.

### **State Issues**

<b>Question</b>	<b>Guidance For Answering Questions</b>
2a	Use the web soil survey to determine the soil hydrologic grouping of the majority of the treated acres.
2b	Self explanatory
2c	Self explanatory
2d	Only answer yes when a buffer will be established along all areas of concentrated flow including existing or planned grassed waterways.
2e	Self explanatory
2f	Self explanatory

### **Local Issues**

All questions are self-explanatory

### **Application Evaluation**

All eligible applications will be screened using the *MRBI Screening Tool* to determine funding priority prior to full evaluation. All eligible high and medium applications will be ranked within ProTracts using the Application Evaluation and Ranking Tool (AERT) established for this initiative.

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## **EQIP National Water Quality Initiative**

### **Purpose**

Through the EQIP National Water Quality Initiative (NWQI), NRCS will assist producers with addressing high-priority water resource concerns in small watersheds with streams or water bodies in one or more of the following categories:

1. *Impaired* – A stream or water body documented to be impaired and identified on a State's 303(d) list of impaired waters as designated by the U.S. Environmental Protection Agency (EPA).
2. *Threatened* – A stream or water body with water quality data documenting an impairment, but does not have a Total Maximum Daily Load (TMDL) Implementation Plan and is not listed on the 303(d) list of impaired waters as designated by the EPA.
3. *Total Maximum Daily Loads* – A stream or water body that has been on EPA's 303(d) list of impaired waters, but may have been removed because there is a TMDL plan for implementation.
4. *Critical* – A stream or water body upstream of an impaired segment, which is determined by the STC to be a significant contributing source of the downstream impairment for a stream in one or more of the three categories above.

### **General**

Participants will need to meet the following requirements to apply for funding under this initiative:

- Meet all producer and land eligibility as outlined in 515.51, 515.52 and 512.22.
- All CAP applications submitted under the Water Quality Initiative must have the Application Type "Planning" and must be ranked in the appropriate watershed Fund Account.
- The majority of the offered acres must be included in one of the three watersheds identified in Kentucky which includes:
  - Lower Kentucky – Mocks Branch – HUC 051002050506
    - Boyle County and parts of Mercer
  - Lower Kentucky – Clarks Run – HUC 051002050505
    - Boyle County

### **National Issues**

Refer to general guidelines when answering the national EQIP questions.

### **State Issues**

<b>Question</b>	<b>Guidance for Answering</b>
1-4	Self-explanatory
5	Must be applying practices in the Avoiding, Trapping and Controlling categories that address the resource concerns identified to be "primary". Reference Eligible Practices below and Approved Primary and Secondary Resource Concerns listed below.
6	Only consider core conservation practices that are being applied. Use soils data from Wed Soil Survey or ArcGIS.

### **Local Issues**

All Self-explanatory

### **Application Evaluation**

All eligible applications will be screened using the NWQI National Screening Criteria Worksheet. All "High" and "Medium" priority applications will be ranked within ProTracts using the Application Evaluation and Ranking Tool (AERT) established for this initiative. We will not fund "Low" priority applications.

## Approved Resource Concerns

### Primary Natural Resource Concerns:

Water Quality Degradation
Water Quality Degradation
Nutrients in Surface Water
Excessive Sediments in Surface Water
Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water

### Secondary Natural Resource Concerns:

Water Quality Degradation
Nutrients in Groundwater
Salts in Groundwater
Salts in Surface Water
Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Groundwater
Pesticides in Groundwater
Pesticides in Surface Water
Elevated Water Temperature

Fish and Wildlife
Inadequate Habitat-Water

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## **EQIP On-Farm Energy Initiative**

### **Purpose**

During Fiscal Year (FY) 2016, the On-Farm Energy Initiative is designed to assist producers in two ways:

- 1.) Identify ways to conserve energy on their farms through an Agricultural Energy Management Plan (AgEMP) conservation activity plan (CAP), also known as an on-farm energy audit.
- 2.) Provide assistance to implement various recommended measures through the use of conservation practice standards offered through this initiative.

### **General**

Participants will need to meet the following requirements to apply for funding under this initiative:

- Meet all producer and land eligibility as outlined in 515.51, 515.52 and 512.22.
- All CAP applications submitted under the On-Farm Energy Initiative must have the Application Type “Planning” and **will** be ranked using the Application Evaluation Ranking Tool (AERT) in ProTracts.

### **National Issues**

Refer to general guidelines when answering the National EQIP questions.

### **State Issues**

<b>Questions</b>	<b>Guide for Answering</b>
1	Self-explanatory
2 & 3	Require data from an Energy Audit. If the applicant does not have an energy audit then these questions must be answered “no”.
4	Refers to whether core and/or supporting practices will be included in the contract. Eligible core and supporting practices are listed below.
5	Requires the use of the Energy Cost Efficiency Worksheet. This worksheet is located on the Programs page of the KY SharePoint site in the EQIP 2016 folder. You will need to use data from a completed Energy Audit to populate the estimated energy cost efficiency value.

### **Local Issues**

Self-explanatory

### **Application Evaluation:**

All eligible applications will be screened using the *On-Farm Energy Screening Tool* to determine ranking priority. All eligible high and medium applications will be ranked in ProTracts.

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## **EQIP Organic Initiative**

### **Purpose**

NRCS helps certified organic growers and producers working to achieve organic certification install conservation practices for organic production. Organic payment rates have been established for qualifying practices and are included in the FY2014 EQIP Payment Schedule.

### **General**

Participants will need to meet the following requirements to apply for funding under this initiative:

- Meet all producer and land eligibility as outlined in 515.51, 515.52 and 512.22. Producer must be transitioning to become a USDA-Certified Organic producer or already be USDA-Certified Organic to participate in this initiative.
- Producers will be required to submit documentation to substantiate their current status and will also be required to self-certify their commitment toward pursuing full USDA-Certified Organic status.
- Prior to certifying any payments to Organic or Transitioning to Organic the producer is responsible for demonstrating their continued progress toward meeting current National Organic Producer (NOP) requirements.
- Practices that carry higher installation costs (organic seed, additional tillage, etc.) have specific cost scenarios to be used for contracting. **However**, prior to certifying payments based on these higher-priced scenarios, the producer is required to provide evidence that certified-Organic components were used exclusively for implementation of the practice. If, for example, non-organic certified seed is used, then the contract will require modification to the most closely aligned non-organic payment scenario for payment purposes.
- 7 CFR 1466.24 EQIP Payments. (c) Payments for conservation practices related to organic production to a person, joint operation, or legal entity, directly or indirectly, may not exceed in aggregate \$20,000 per year or \$80,000 during any 6-year period
- All CAP applications submitted under the Organic Initiative must have the Application Type "Planning" and **will** be ranked using the Application Evaluation Ranking Tool (AERT) in ProTracts.

### **National Issues**

Refer to general guidelines when answering the national EQIP questions.

### **State Issues**

Questions are self-explanatory.

### **Application Evaluation**

All eligible applications will be ranked within ProTracts using the Application Evaluation and Ranking Tool (AERT) established for this Initiative. The use of a screening tool is not authorized for this Initiative.

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## **EQIP Seasonal High Tunnel Initiative**

### **Purpose**

Through the EQIP Seasonal High Tunnel Initiative, NRCS will assist producers to extend the growing season for high value crops in an environmentally safe manner. The initiative has the potential to assist producers in addressing a resource concern by improving plant quality, improving soil quality, reducing nutrient and pesticide transport, improving air quality through reduced transportation inputs, and reducing energy use by providing consumers with a local source of fresh produce.

### **General**

Participants will need to meet the following requirements to apply for funding under this initiative:

- Meet all producer and land eligibility as outlined in 515.51, 515.52 and 512.22.
- Supporting practices offered under this Initiative must be used in conjunction with a seasonal high tunnel.
- The Seasonal High Tunnel (325) practice will be capped at \$10,000 per contract.

### **Application Evaluation**

All eligible applications will be screened using the *Seasonal High Tunnel Screening Tool*. All eligible High and Medium priority applications will be ranked within ProTracts using the Application Evaluation and Ranking Tool (AERT) established for this initiative.

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## **EQIP Southeast KY Early Successional Habitat Initiative**

### **Purpose**

The purpose of the Southeast KY Early Successional Habitat Initiative is to establish fish and wildlife habitat on private agricultural land and nonindustrial private forestland in a highly forested area of the State with a large potential for early successional habitat improvement. Many wildlife species either depend on or greatly benefit from areas of young forest in proximity to older more mature forest stands. However, early successional habitats are generally lacking within the initiative area. Emphasis will be placed on forest stand improvement practices with the objective of creating or maintaining early successional forest habitat to benefit a suite of wildlife species.

### **General**

Participants will need to meet the following requirements to apply for funding under this initiative:

- Applications will only be taken in the following counties:

Bell	Laurel
Boyd	Lawrence
Breathitt	Lee
Carter	Leslie
Clay	Letcher
Elliott	Magoffin
Floyd	Martin
Greenup	Morgan
Harlan	Owsley
Jackson	Perry
Johnson	Pike
Knott	Rockcastle
Knox	Whitley
	Wolfe

- Meet all producer and land eligibility as outlined in 515.51, 515.52 and 512.22.
- All planned practices shall meet Field Office Technical Guide standards and specifications. Planners should refer to the NRCS Kentucky State Standard to develop all specifications unless directed otherwise.
- Where wildlife is a primary objective, ponds may only be fenced in conjunction with pipeline and tank installation when livestock are being excluded from a stream or wetland currently being used as a water source
- Activities shall be planned and performed in accordance with all requirements under the National Environmental Protection Act (NEPA) and with regard for all species and habitats identified under the Endangered Species Act (ESA).
- If trees will be removed or harvested as a result of practice implementation, removal must be planned to ensure that the Indiana Bat is not affected according to the KY Guidance Document for ESA Compliance. Activities involving tree removal or harvesting shall be performed according to agreed programmatic consultation avoidance measures for the Indiana bat.
- Invasive species should be addressed using the Herbaceous Weed Control (315) and Brush Management (314) and any other facilitating practices.

## **Management Guidelines For Land Under an EQIP Initiative Contract**

### **Grazing Management**

- If grazing will occur on land under contract, the acreage should be managed according to a NRCS prepared prescribed grazing plan and detailed job sheet.
- Native grasses shall have an ending grazing height of not less than 8 inches.
- Grazing of native grasses under contract shall be deferred between September 1<sup>st</sup> and April 30<sup>th</sup> unless a grazing plan detailing how the area shall be grazed to maintain habitat during this period is developed by an NRCS grazing lands specialist.

### **Mowing/Haying Requirements**

- During an establishment period for native grasses, top clipping can be done as needed for weed control from May through August as recommended by an NRCS conservationist, biologist or KDFWR biologist for two years after planting. Clip high as possible but no closer than 8 inches.
- After establishment and during the practice lifespan, native grasses can only be mowed once annually between August 1<sup>st</sup> and August 15 with a minimum mowing height of 8 inches. This mowing requirement ensures good nesting, brood rearing and winter cover is present on wildlife acres.

### **Native Grass Seed Harvest**

- Native grass seed may be harvested once a year between September 1<sup>st</sup> and October 31<sup>st</sup>. Seed harvest must be done using equipment that strips the seed head from the stem and does minimal disturbance to the vegetative structure.
- Forb seed harvest is not allowed on stands under contract.

### **National Issues**

Refer to general guidelines when answering the national EQIP questions.

### **State Issues**

Self Explanatory

### **Local Issues**

Self Explanatory

### **Application Evaluation**

Applications will be screened using the *Wildlife and SEKESH Initiatives* screening tool to determine the ranking priority prior to full evaluation. All eligible High and Medium priority applications will be ranked within ProTracts using the Application Evaluation and Ranking Tool (AERT) established for this Initiative.

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## EQIP Triplett Creek Partnership

### Purpose

The United States Forest Service and NRCS entered into the Triplett Creek Partnership to address resource concerns related to forest health, wildlife habitat, water quality, and wildfire hazard conditions on private and public lands. Nationally, this partnership includes 13 projects as of FY 2014; one of these is in the Triplett Creek Watershed of Rowan County, KY. The partnership provides funding for the implementation of conservation practices by the Forest Service on federal land within the Cumberland Ranger District of the Daniel Boone National Forest, as well as by private land owners in certain HUC-12 watersheds in Rowan County, KY via technical and financial assistance from NRCS through the Environmental Quality Incentives Program (EQIP).

### General

Participants will need to meet the following requirements to apply for funding under this initiative:

- Applications will only be taken in the following counties:

Bath	Morgan
Fleming	Rowan
Menifee	

- Meet all producer and land eligibility as outlined in 515.51, 515.52 and 512.22.
- All planned practices shall meet Field Office Technical Guide standards and specifications. Planners should refer to the NRCS Kentucky State Standard to develop all specifications unless directed otherwise.
- Activities shall be planned and performed in accordance with all requirements under the National Environmental Protection Act (NEPA) and with regard for all species and habitats identified under the Endangered Species Act (ESA).
- If trees will be removed or harvested as a result of practice implementation, removal must be planned to ensure that the Indiana Bat is not affected according to the KY Guidance Document for ESA Compliance. Activities involving tree removal or harvesting shall be performed according to agreed programmatic consultation avoidance measures for the Indiana bat.
- Invasive species should be addressed using the practices Tree/Shrub Site Preparation (490), Herbaceous Weed Control (315) and Brush Management (314) and any other facilitating practices.
- All CAP applications submitted under the Triplett Creek Partnership Initiative must have the Application Type "Planning" and **will** be ranked using the Application Evaluation Ranking Tool (AERT) in ProTracts.

### National Issues

Refer to general guidelines when answering the national EQIP questions.

### State Issues

Self Explanatory

### Local Issues

Self Explanatory

## **Application Evaluation**

Applications will be screened using the *Triplett Creek Partnership Initiative* screening tool to determine the ranking priority prior to full evaluation. All eligible High and Medium priority applications will be ranked within ProTracts using the Application Evaluation and Ranking Tool (AERT) established for this initiative.

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## **EQIP Wildlife Initiative**

### **Purpose**

The purpose of the Wildlife Initiative is to help participants develop fish and wildlife habitat on private agricultural land, nonindustrial private forest land and Indian land. NRCS provides technical and financial assistance to landowners and others to develop or enhance upland, wetland, riparian, and aquatic habitat areas on their property.

### **General**

Participants will need to meet the following requirements to apply for funding under this initiative:

- Meet all producer and land eligibility as outlined in 515.51, 515.52 and 512.22.
- All planned practices shall meet Field Office Technical Guide standards and specifications. Planners should refer to the NRCS Kentucky State Standard to develop all specifications unless directed otherwise.
- Where wildlife is a primary objective, ponds may only be fenced in conjunction with pipeline and tank installation when livestock are being excluded from a stream or wetland currently being used as a water source
- Activities shall be planned and performed in accordance with all requirements under the National Environmental Protection Act (NEPA) and with regard for all species and habitats identified under the Endangered Species Act (ESA).
- If trees will be removed or harvested as a result of practice implementation, removal must be planned to ensure that the Indiana Bat is not affected according to the KY Guidance Document for ESA Compliance. Activities involving tree removal or harvesting shall be performed according to agreed programmatic consultation avoidance measures for the Indiana bat.
- Invasive species should be addressed using the practices Herbaceous Weed Control (315) and Brush Management (314) and Tree/Shrub Establishment (612).

## **Management Guidelines For Land Under an EQIP Wildlife Initiative Contract**

### **Grazing Management**

- If grazing will occur on land under contract, the acreage should be managed according to a NRCS prepared prescribed grazing plan and detailed job sheet.
- Native grasses shall have an ending grazing height of not less than 8 inches.
- Grazing of native grasses under contract shall be deferred between September 1<sup>st</sup> and April 30<sup>th</sup> unless a grazing plan detailing how the area shall be grazed to maintain habitat during this period is developed by an NRCS grazing lands specialist.

### **Mowing/Haying Requirements**

- During an establishment period for native grasses, top clipping can be done as needed for weed control from May through August as recommended by an NRCS conservationist, biologist or KDFWR biologist for two years after planting. Clip high as possible but no closer than 8 inches.
- After establishment and during the practice lifespan, native grasses can only be mowed once annually between August 1<sup>st</sup> and August 15 with a minimum mowing height of 8 inches. This mowing requirement ensures good nesting, brood rearing and winter cover is present on wildlife acres.

### Native Grass Seed Harvest

- Native grass seed may be harvested once a year between September 1<sup>st</sup> and October 31<sup>st</sup>. Seed harvest must be done using equipment that strips the seed head from the stem and does minimal disturbance to the vegetative structure.
- Forb seed harvest is not allowed on stands under contract.

### **National Issues**

Refer to general guidelines when answering the national EQIP questions.

### **State Issues**

Self Explanatory

### **Local Issues**

Self Explanatory

### **Application Evaluation**

Applications will be screened using the *Wildlife and SEKESH Initiatives* screening tool to determine the ranking priority prior to full evaluation. All eligible High and Medium priority applications will be ranked within ProTracts using the Application Evaluation and Ranking Tool (AERT) established for this initiative.

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<b>Account</b>	<b>Account Type</b>	<b>Fund Code</b>
Area 1 High Tunnel System	High Tunnel System	1676F 21 1H
Area 2 High Tunnel System	High Tunnel System	1676F 21 2H
Area 3 High Tunnel System	High Tunnel System	1676F 21 3H
Beginning Farmer	Beginning Farmer/Rancher	1676F 21 BE
CAP General	Planning	1676F 21 CG
CAP General - CNMP	Planning	1676F 21 CN
Forestland	State	1676F 21 FL
FY16 NWQI (Will be replaced with new watershed)	National Water Quality	1676F 21 15
FY16 NWQI Clarks Run	National Water Quality	1676F 21 14
FY16 NWQI Mocks Branch	National Water Quality	1676F 21 13
FY16 On-Farm Energy	On-Farm Energy	1676F 21 4
FY16 Organic Certified	Organic Certified	1676F 21 2
FY16 Organic Transition	Organic Transition	1676F 21 3
Limited Resource	Limited Resource	1676F 21 LR
MRBI-Central Lower Green	MRBI	1676F 21 CL
MRBI-Red River	MRBI	1676F 21 RR
MRBI-Southeast Lower Green	MRBI	1676F 21 LG
MRBI-Upper Buck Creek	MRBI	1676F 21 UB
PA 1 West KY - Pastureland	Locally Led	1676F 21 7
PA 1 West KY-Cropland	Locally Led	1676F 21 6
PA 2 Central KY - Cropland	Locally Led	1676F 21 8
PA 2 Central KY - Pastureland	Locally Led	1676F 21 9
PA 3 Northeast KY - Pastureland	Locally Led	1676F 21 11
PA 4 Southeast KY - Pastureland	Locally Led	1676F 21 12
Socially Disadvantaged	Socially Disadvantaged	1676F 21 SD
Southeast KY Early Successional Habitat Initiative	Wildlife 5%	1676F 21 ES
Triplett Creek Joint Restoration Partnership	Forest Service Partnership	1676F 21 TC
Wildlife	Wildlife 5%	1676F 21 WI

Account	Counties																							Counties																						
Beginning Farmer	All Counties																																													
CCPI-MRBI-Red River Watershed	Logan	Simpson	Todd																																											
CCPI-MRBI Southeast Lower Green	Daviess	Henderson	Hopkins	McClellan	Webster																																									
CCPI-MRBI Central Lower Green	Daviess	Henderson	Webster																																											
CCPI-MRBI Upper Buck Creek	Lincoln	Pulaski	Rockcastle																																											
Forestland	All Counties																																													
FY16 NWQI Clarks Run	Boyle	Lincoln																																												
FY16 NWQI (Will be replaced with new watershed)																																														
FY16 NWQI Mocks Branch	Boyle	Mercer																																												
FY16 Certified Organic	All Counties																																													
FY16 Organic Transition	All Counties																																													
FY16 On-Farm Energy	All Counties																																													
Area 1 High Tunnel System	All Area 1																																													
Area 2 High Tunnel System	All Area 2																																													
Area 3 High Tunnel System	All Area 3																																													
CAP General	All Counties																																													
CAP General - CNMP	All Counties																																													
Limited Resource	All Counties																																													
PA 1 West KY - Pastureland	Allen	Ballard	Butler	Caldwell	Calloway	Carslisle	Christian	Crittenden	Daviess	Edmonson	Fulton	Graves	Hancock	Henderson	Hickman	Hopkins	Livingston	Logan	Lyon	Marshall	McCracken	McClellan	Muhlenburg	Ohio	Simpson	Todd	Trigg	Union	Warren	Webster																
PA 1 West KY-Cropland	Allen	Ballard	Butler	Caldwell	Calloway	Carslisle	Christian	Crittenden	Daviess	Edmonson	Fulton	Graves	Hancock	Henderson	Hickman	Hopkins	Livingston	Logan	Lyon	Marshall	McCracken	McClellan	Muhlenburg	Ohio	Simpson	Todd	Trigg	Union	Warren	Webster																
PA 2 Central KY - Cropland	Adair	Anderson	Barren	Boyle	Breckinridge	Bullitt	Casey	Clinton	Cumberland	Franklin	Garrard	Grayson	Green	Hardin	Hart	Henry	Jefferson	Larue	Lincoln	Marion	McCreary	Meade	Mercer	Metcalf	Monroe	Nelson	Oldham	Pulaski	Russell	Shelby	Spencer	Taylor	Trimble	Washington	Wayne	Woodford										
PA 2 Central KY - Pastureland	Adair	Anderson	Barren	Boyle	Breckinridge	Bullitt	Casey	Clinton	Cumberland	Franklin	Garrard	Grayson	Green	Hardin	Hart	Henry	Jefferson	Larue	Lincoln	Marion	McCreary	Meade	Mercer	Metcalf	Monroe	Nelson	Oldham	Pulaski	Russell	Shelby	Spencer	Taylor	Trimble	Washington	Wayne	Woodford										
PA 3 Northeast KY - Pastureland	Bath	Boone	Bourbon	Boyd	Bracken	Campbell	Carroll	Carter	Clark	Estill	Fayette	Fleming	Gallatin	Grant	Greenup	Harrison	Jessamine	Kenton	Lewis	Madison	Mason	Menifee	Montgomery	Nicholas	Owen	Pendleton	Powell	Robertson	Rowan	Scott																
PA 4 Southeast KY - Pastureland	Bell	Breathitt	Clay	Elliott	Floyd	Harlan	Jackson	Johnson	Knott	Knox	Laurel	Lawrence	Lee	Leslie	Letcher	Magoffin	Martin	Morgan	Owsley	Perry	Pike	Rockcastle	Whitley	Wolfe																						
Socially Disadvantaged	All Counties																																													
Southeast KY Early Successional Habitat Initiative	Bell	Boyd	Breathitt	Carter	Clay	Elliott	Floyd	Greenup	Harlan	Jackson	Johnson	Knott	Knox	Laurel	Lawrence	Lee	Leslie	Letcher	Magoffin	Martin	Morgan	Owsley	Perry	Pike	Rockcastle	Whitley	Wolfe																			
Wildlife	All Counties																																													
Triplett Creek	Bath	Fleming	Menifee	Morgan	Rowan																																									

An "X" indicates that the corresponding practice is eligible within the Initiative at the top of the column.		General EQIP	CAP - General	CAP-CNMP	Mississippi River Basin Watershed Initiative	Organic Initiative (Certified and Transitioning)	High Tunnel System Initiative	On-Farm Energy Initiative	State Forestland Initiative	State Wildlife Initiative	Southeast KY Early Successional Habitat Initiative	Triplett Creek Partnership Initiative	National Water Quality Initiative	RCPP - Managing Poo	RCPP - Cerulean Warbler
Practice Code	Practice Name	EQIP Initiatives													
472	Access Control	X			X	X			X	X	X	X	X		X
560	Access Road	X										X	X		
128	Agricultural Energy Management Plan							X							
316	Animal Mortality Facility	X			X	X							X		
314	Brush Management	X				X			X	X	X	X	X		X
672	Building Envelope Improvement							X							
317	Composting Facility	X			X	X							X		
102	Comprehensive Nutrient Management Plan			X	X								X		
327	Conservation Cover	X			X	X	X			X	X	X	X		X
138	Conservation Plan Supporting Organic Transition					X									
340	Cover Crop	X			X	X	X						X	X	X
342	Critical Area Planting	X			X	X	X			X	X	X	X	X	X
362	Diversion	X			X	X	X								
647	Early Successional Habitat Development & Management									X	X	X			X
374	Farmstead Energy Improvement							X							
382	Fence	X			X	X			X	X	X	X	X	X	X
386	Field Border	X			X	X				X	X	X	X	X	
394	Firebreak	X				X				X	X	X			
512	Forage and Biomass Planting	X			X	X						X	X	X	
106	Forest Management Plan		X									X			
666	Forest Stand Improvement								X		X	X			X
410	Grade Stabilization Structure	X			X	X							X		
412	Grassed Waterway	X			X	X	X						X		
110	Grazing Management Plan		X		X										
561	Heavy Use Area Protection	X			X	X				X	X	X	X	X	
422	Hedgerow Planting					X							X		
315	Herbaceous Weed Control	X			X	X			X	X	X	X	X		X
325	High Tunnel System					X	X								
595	Integrated Pest Management	X			X	X							X		
114	Integrated Pest Management Plan		X		X										
154	Integrated Pest Management Herbicide Resistant Weed Plan		X												
441	Irrigation System, Micro irrigation	X			X	X	X						X		
449	Irrigation Water Management	X			X	X	X	X					X		
118	Irrigation Water Management Plan		X		X								X		
670	Lighting System Improvement							X							
468	Lined Waterway or Outlet	X			X								X		
516	Livestock Pipeline	X			X	X				X	X	X	X	X	
484	Mulching	X			X	X	X			X	X	X	X	X	X
590	Nutrient Management	X			X	X							X	X	

An "X" indicates that the corresponding practice is eligible within the Initiative at the top of the column.		General EQIP	CAP - General	CAP-CNMP	Mississippi River Basin Watershed Initiative	Organic Initiative (Certified and Transitioning)	High Tunnel System Initiative	On-Farm Energy Initiative	State Forestland Initiative	State Wildlife Initiative	Southeast KY Early Successional Habitat Initiative	Triplett Creek Partnership Initiative	National Water Quality Initiative	RCPP - Managing Poo	RCPP - Cerulean Warbler
Practice Code	Practice Name	EQIP Initiatives													
104	Nutrient Management Plan		X		X	X							X		
378	Pond	X			X	X							X		
338	Prescribed Burning	X				X				X	X	X	X		
528	Prescribed Grazing	X			X	X						X	X	X	
533	Pumping Plant	X			X			X							
329	Residue and Tillage Management, No Till	X			X	X							X		
391	Riparian Forest Buffer	X			X	X				X	X	X	X	X	
390	Riparian Herbaceous Cover	X			X	X				X	X	X	X	X	
654	Road/Trail/Landing Closure and Treatment								X	X	X	X			
558	Roof Runoff Structure	X			X	X	X						X	X	
367	Roofs and Covers	X			X	X							X	X	
574	Spring Development	X				X				X	X	X	X		
578	Stream Crossing	X			X	X				X	X	X	X		
580	Streambank and Shoreline Protection	X										X	X		
585	Stripcropping					X							X		
587	Structure for Water Control				X					X	X	X			
606	Subsurface Drain	X			X	X	X						X		
600	Terrace	X			X	X							X		
575	Trails and Walkways	X			X	X						X	X		
490	Tree and Shrub Site Prep	X			X	X			X	X	X	X	X		X
612	Tree/Shrub Establishment	X			X	X			X	X	X	X	X		X
620	Underground Outlet	X			X	X	X			X	X	X	X		
635	Vegetated Treatment Area	X			X								X	X	
313	Waste Storage Facility	X			X								X	X	
634	Waste Transfer	X			X								X	X	
359	Waste Treatment Lagoon	X											X	X	
638	Water & Sediment Control Basin	X			X								X		
642	Water Well	X			X	X				X	X	X	X		
614	Watering Facility	X			X	X				X	X	X	X	X	
658	Wetland Creation				X					X	X	X	X		
384	Woody Residue Treatment								X	X	X	X			X