

**Application Ranking Summary
Manure Management**

Program: EQIP 2014
Ranking Tool: Manure Management

National Priorities Addressed

Issue Questions
If the application is for development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering "Yes" to the following question. Answering "Yes" to question 1a will result in the application being awarded the maximum amount of points that can be earned for the national priority category.
1. a. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other national level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.
Water Quality Degradation – Will the proposed project improve water quality by: (select all that apply)
2. a. Implementing the practices in a Comprehensive Nutrient Management Plan (CNMP)?
2. b. Implementing the practices in a Nutrient Management Plan (NMP)?
2. c. Reducing impacts from sediment, nutrients, salinity, or pesticides on land adjoining a designated "impaired water body" (TMDL, 303d listed waterbody, or other State designation)?
2. d. Reducing the impacts from sediment, nutrients, salinity, or pesticides in a "non-impaired water body"?
2. e. Implementing practices that improve water quality through animal mortality and carcass management?
Water Conservation – Will the proposed project conserve water by: (select all that apply)
3. a. Implementing irrigation practices that reduce aquifer overdraft.
3. b. Implementing irrigation practices that reduce on-farm water use?
3. c. Implementing practices in an area where the applicant participates in a geographically established or watershed-wide project?
3. d. Implementing practices that reduce on-farm water use as a result of changing to crops with lower water consumptive use, the rotation of crops, or the modification of cultural operations?
Air Quality - Will the proposed project improve air quality by: (select all that apply)
4. a. Meeting on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?
4. b. Implementing practices that reduce on-farm emissions of particulate matter (PM2.5, PM10)?
4. c. Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O)?
4. d. Implementing practices that increase on-farm carbon sequestration?
Soil Health:- Will the proposed project improve soil health by: (select all that apply)
5. a. Reduce erosion to tolerable limits (Soil "T")?
5. b. Increasing organic matter and carbon content, and improving soil tilth and structure?
Wildlife Habitat – Will the proposed project improve wildlife habitat by: (select all that apply)
6. a. Implementing practices benefitting threatened and endangered, at-risk, candidate, or species of concern.
6. b. Implementing practices that retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP) or other set-aside program?
6. c. Implementing practices benefitting honey bee populations or other pollinators?
6. d. Implementing land-based practices that improve habitat for aquatic wildlife?
Plant and Animal Communities: Will the proposed project improve plant and animal communities by: (select all that apply)
7. a. Implementing practices that result in the management control of noxious or invasive plant species on non-cropland?
7. b. Implementing practice in an Integrated Pest Management Plan (IPM)?
Energy Conservation– Will the proposed project reduce energy use by: (select all that apply)
8. a. Reducing on-farm energy consumption?
8. b. Implementing practice(s) identified in an approved AgEMP or energy audit, which meet ASABE S612 criteria?
Business Lines – Will the practices to be scheduled in the "EQIP Plan of Operations" result in:
9. a. Enhancement of existing conservation practice(s) or conservation systems already in place at the time the application is received?

State Issues Addressed

Issue Questions
Answer "Yes" or "No" to the following questions:
1. a. Is the County associated with this application included in the StrikeForce Initiative? (See EQIP Guidance Document for a listing of Counties)
1. b. For operations of 10 acres or more, the participant has a current Kentucky Agriculture Water Quality Act Plan (AWQA), or for forestland, a Forest Stewardship Plan/Forest Management Plan (CAP106), that includes the Best Management Practices (BMP) or land use for which they are requesting financial assistance. (Yes if applicant has a current Ag Water Quality Act Plan and copy must be placed in case file- Signed certification will not be acceptable - If forest land owner has a stewardship plan to ensure that ground and surface water is protected from pollution and activities on the property, then an AWQP is not required.
1. c. Has this applicant received a Notice of Violation from Division of Water?

Local Issues Addressed

Issue Questions
Answer "Yes" or "No" to the following questions:
1. a. Will the treatment you intend to implement using EQIP result in the treatment of an animal production system that currently has less than 6 months storage or polluted runoff, and will result in NO winter spreading of animal manures, as evidenced by the CNMP?
1. b. Is there a water quality concern from wastewater, milkhouse waste, or silage leachate on the farm which will be treated by implementation of the proposed contract?
1. c. Is the majority of the treated acres included in either a well head protection area or karst area as identified by DOW?
1. d. Is the majority of the treated acres included in either a DOW identified watershed or high quality waters/classified stream?
1. e. Are high animal concentration areas creating an environmental problem anytime of the year, and the proposed project will address the resource concern?

Land Use:

Associated Agriculture Land;

Farmstead;

Pasture;

Crop

Resource Concerns
Livestock Production Limitation: Inadequate Feed and Forage
Livestock Production Limitation: Inadequate Shelter
Livestock Production Limitation: Inadequate Water
Soil Erosion: Classic Gully Erosion
Soil Quality Degradation: Compaction
Water Quality Degradation: Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Groundwater
Water Quality Degradation: Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water
Water Quality Degradation: Excessive Sediment in Surface Water
Water Quality Degradation: Nutrients in Groundwater
Water Quality Degradation: Nutrients in Surface water

Practices
Access Control
Access Road
Animal Mortality Facility
Composting Facility
Conservation Cover
Critical Area Planting
Diversion
Fence
Field Border
Forage and Biomass Planting
Heavy Use Area Protection
Livestock Pipeline
Mulching
Nutrient Management
Pond
Prescribed Grazing
Pumping Plant
Riparian Forest Buffer
Riparian Herbaceous Cover
Roof Runoff Structure
Roofs and Covers
Spring Development
Stream Crossing
Trails and Walkways
Vegetated Treatment Area
Waste Storage Facility
Waste Transfer
Waste Treatment Lagoon
Water Well
Watering Facility
Woody Residue Treatment