

High Tunnel System
2016 Kentucky Environmental Quality Incentives Program (EQIP)
Application Field Ranking Worksheet

Applicant Name:

Application #:

Eligible Practices

Code	Practice Name	Resource Concern (s)	Planned Amount	Tract/Field
327	Conservation Cover			
340	Cover Crop			
342	Critical Area Planting			
362	Diversion			
412	Grassed Waterway			
325	High Tunnel System			
441	Irrigation System, Micro irrigation			
449	Irrigation Water Management			
484	Mulching			
558	Roof Runoff Structure			
606	Subsurface Drain			
620	Underground Outlet			

Eligible Resource Concerns

ID#	Resource Concern
1	Degraded Plant Condition: Inadequate Structure and Composition
2	Degraded Plant Condition: Undesirable Plant Productivity and Health
3	Insufficient Water: Inefficient Moisture Management
4	Insufficient Water: Inefficient Use of Irrigation Water
5	Soil Erosion: Sheet and Rill Erosion
6	Soil Quality Degradation: Organic Matter Depletion
7	Water Quality Degradation: Nutrients in Surface water
8	Water Quality Degradation: Pesticides in Surface Water

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National Questions

1	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.		
1a	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.		No
2	Water Quality Degradation – Will the proposed project improve water quality by: (select all that apply)		
2a	Implementing the practices in a Comprehensive Nutrient Management Plan (CNMP)?	Yes	No
2b	Implementing the practices in a Nutrient Management Plan (NMP)?	Yes	No
2c	Reducing impacts from sediment, nutrients, salinity, or pesticides on land adjoining a designated "impaired water body" (TMDL, 303d listed waterbody, or other State designation)?	Yes	No
2d	Reducing the impacts from sediment, nutrients, salinity, or pesticides in a "non-impaired" water body?	Yes	No
2e	Implementing practices that improve water quality through animal mortality and carcass management? (Yes, if Animal Mortality Facility (316) is planned)	Yes	No
3	Water Conservation - Will the proposed project conserve water by: (select all that apply)		
3a	Implementing irrigation practices that reduce aquifer overdraft? (NO)		No
3b	Implementing irrigation practices that reduce on-farm water use? (Yes, if implementing practices identified in a certified Irrigation Water Management Plan (118)	Yes	No
3c	Implementing practices in an area where the applicant participates in a geographically established or watershed-wide project? (NO)		No
3d	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? (Yes, if implementing practices identified in a certified Irrigation Water Management Plan (118)	Yes	No
4	Air Quality - Will the proposed project improve air quality by: (select all that apply)		
4a	Meeting on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures? (NO)		No
4b	Implementing practices that reduce on-farm emissions of particulate matter (PM2.5, PM10)? (NO)		No
4c	Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO ₂), Methane (CH ₄), and Nitrous Oxide (N ₂ O)? (Yes only for Organic Certified or Transitioning to Organic)	Yes	No
4d	Implementing practices that increase carbon sequestration?(Yes if planting 612, 666, 422, 380, 381, or native grass 327, 512, 386, 390, 643, or 391)	Yes	No

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5	Soil Health - Will the proposed project improve soil health by: (select all that apply)		
5a	Reduce erosion to tolerable limits (Soil "T")?(Field must be above "T" and practice(s) takes to "T" or below. Must be supported with RUSLE2. A Seasonal High Tunnel application will always answer "Yes".)	Yes	No
5b	Increasing organic matter and carbon content, and improving soil tilth and structure? (Yes, when Cover Crop 340 is included for Soil Health)	Yes	No
6	Wildlife Habitat - Will the proposed project improve wildlife habitat by: (select all that apply)		
6a	Implementing practices benefitting threatened and endangered, at-risk, candidate, or species of concern?(Refer to NRCS T&E Species by County list and Practice Effects Document located in Section II of eFOTG. Also, Yes if Forest Stand Imp 666 or Brush Mgt 314 is planned in the Forestland Bird Conservation Area or when the following are planned in the Grassland Bird Conservation Area - Conservation Cover, Field Border, Hedgerow Planting, Tree/Shrub Est-Shrub planting only, and points may be awarded when native grasses are used for a Riparian Herb Cover or Forage and Biomass Planting.)	Yes	No
6b	Implementing practices that retain wildlife habitat on land exiting the Conservation Reserve Program (CRP) or other set-aside program? (Examples would be 612, 327, 386, and 390 when wildlife beneficial vegetation is being planned)	Yes	No
6c	Implementing practices benefitting honey bee populations or other pollinators? (Yes, if native forbs or shrubs/trees are being established, or if 643, 390, 666, or 314 is planned)	Yes	No
6d	Implementing land-based practices that improve habitat for aquatic wildlife? (Yes, if 658 is planned)	Yes	No
7	Plant and Animal Communities: Will the proposed project improve plant and animal communities? (select all that apply)		
7a	Implementing practices that result in the management control of noxious or invasive plant species on non-cropland? (Yes if practice(s) help treat invasive plant species on list located at http://www.se-eppc.org/ky/list.htm . Ex: 666 and 314 that address bush honeysuckle or tree of heaven or 512 that converts endophyte infected tall fescue.)	Yes	No
7b	Implementing practices in an Integrated Pest Management Plan (IPM)?	Yes	No
8	Energy Conservation - Will the proposed project reduce energy by: (select all that apply)		
8a	Reduce on-farm energy consumption? (Yes, if 472, 327, 386, 390, 412, 422, 329, 380, 391, 381, or 612 is planned. Also, yes when Fence 382 is planned that includes a solar charger or if 512 is planned to convert cropland to pastureland or hayland.)	Yes	No
8b	Implementing practice(s) identified in an approved AgEMP or energy audit, which meets ASABE S612 criteria? (Yes, when Farmstead Energy Imp 374 is planned)	Yes	No
9	Business Lines – Will the practices to be scheduled in the "EQIP Plan of Operations" result in:		
9a	Enhancement of existing conservation practice(s) or conservation system already in place at time the application is received? (Answer Yes if the planned practices will improve an existing conservation practice or complete an existing conservation system. See Guidance Document for examples)	Yes	No

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State Questions

1	The Schedule of Operations includes a high tunnel which will assist the producer to improve plant productivity, health and vigor.	Yes	No
2	The Schedule of Operations includes a high tunnel which will assist the producer to grow plants in areas where they are not typically suited or adapted to grow. (This only applies to plants that would not typically be grown in the area, such as peanuts.)	Yes	No
3	Does this applicant meet the criteria for one of the Historically Underserved categories?	Yes	No
4	The Schedule of Operations includes supporting practices necessary to support a new or existing high tunnel in order to address soil quality such as the use of Cover Crop.	Yes	No
5	The schedule of Operations includes supporting practices necessary to support a new or existing high tunnel in order to address irrigation management such as the use of a roof runoff structure and microirrigation.	Yes	No
6	The Schedule of Operations includes planting pollinator habitat adjacent to the high tunnel site.	Yes	No
7	Is the County associated with this application included in the StrikeForce Initiative? (See EQIP Guidance Document for a listing of Counties)	Yes	No

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Local Questions

1	Has the planned or existing High Tunnel site been in annual crops for three or more years, 2012 thru 2015?	Yes	No
2	Are the crops grown in the High Tunnel for commercial sale?	Yes	No
3	Is the applicant utilizing a High Tunnel structure in their current operation?	Yes	No
4	EQIP Plan Schedule of operations provides for implementation of all funded practices within two years or less?	Yes	No

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Certification and Signatures

I am submitting this Environmental Quality Incentives Program (EQIP) application to NRCS for consideration. I understand that any practice started prior to an application being selected for funding and approved as a contract is not eligible for EQIP funding.

The conservation practices, quantity, and field numbers listed on page 1 of this field inventory worksheet are the extent for practices planned for financial assistance through this EQIP application.

Signature of Applicant and Date

Signature of NRCS Representative and Date