

Ranking Tool Summary for FY2017 - FY17 High Tunnel System

National Priorities:

Questions:

Number	Question	Points
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.	250
2	a. Implementing the practices in a Comprehensive Nutrient Management Plan (CNMP)?	15
2	b. Implementing the practices in a Nutrient Management Plan (NMP)?	10
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)?	10
2	d. Reducing the impacts from sediment, nutrients, salinity, or pesticides in a "non-impaired water body"?	10
2	e. Implementing practices that improve water quality through animal mortality and carcass management?	10
3	a. Implementing irrigation practices that reduce aquifer overdraft.	15
3	b. Implementing irrigation practices that reduce on-farm water use?	10
3	c. Implementing practices in an area where the applicant participates in a geographically established or watershed-wide project?	10
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?	10
4	a. Meeting on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	10
4	b. Implementing practices that reduce on-farm emissions of particulate matter (PM2.5, PM10)?	10
4	c. Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO ₂), methane (CH ₄), and nitrous oxide (N ₂ O)?	10
4	d. Implementing practices that increase on-farm carbon sequestration?	10
5	a. Reduce erosion to tolerable limits (Soil "T")?	10
5	b. Increasing organic matter and carbon content, and improving soil tilth and structure?	10
6	a. Implementing practices benefitting threatened and endangered, at-risk, candidate, or species of concern.	10
6	b. Implementing practices that retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP) or other set-aside program?	10
6	c. Implementing practices benefitting honey bee populations or other pollinators?	10
6	d. Implementing land-based practices that improve habitat for aquatic wildlife?	10
7	a. Implementing practices that result in the management control of noxious or invasive plant species on non-cropland?	10
7	b. Implementing practice in an Integrated Pest Management Plan (IPM)?	10
8	a. Reducing on-farm energy consumption?	10
8	b. Implementing practice(s) identified in an approved AgEMP or energy audit, which meet ASABE S612 criteria?	10
9	a. Enhancement of existing conservation practice(s) or conservation systems already in place at the time the application is received?	10
Total Points		500

State Issues:

Questions:

Sub-heading Number	Question Number	Question	Points
1		Answer ALL of the following criteria that apply regarding the project's impact on addressing resource concerns. Maximum points 250.	
	1	a The Schedule of Operations includes a High Tunnel System which will assist the producer to improve Organic Matter Depletion.	100
	1	b The Schedule of Operations includes a High Tunnel System which will assist the producer to grow plants in areas where they are not typically suited or adapted to grow.	75
	1	c The Schedule of Operations includes supporting practices necessary to support a new or existing High Tunnel System in order to address soil erosion.	75
2		Answer ONE of the following criteria that apply regarding the projects ability to address excess nutrients and organics in surface water.	
	2	a The Schedule of Operations includes a High Tunnel System which will assist the producer to reduce excess nutrients and organics in surface water from a field that adjoins a designated "impaired water body" (TMDL, State approved water quality project, Iowa Nutrient Reduction Strategy Watershed, etc.).	75
	2	b The Schedule of Operations includes a High Tunnel System which will assist the producer to reduce excess nutrients and organics in surface water from a field that adjoins a "non-impaired water body?."	25
3		Answer ONE of the following criteria that apply regarding the projects ability to address harmful levels of pesticides in surface water.	
	3	a The Schedule of Operations includes a High Tunnel System which will assist the producer to reduce harmful levels of pesticides in surface water from a field that adjoins a designated "impaired water body?" (TMDL, 303d, etc.).	75
	3	b The Schedule of Operations includes a High Tunnel System which will assist the producer to reduce harmful levels of pesticides in surface water from a field that adjoins a "non-impaired water body?."	25
		Maximum Points: 400 Total Points	450

Local Issues:

Questions:

Sub-heading Number	Question Number	Question	Points
1		Water Quality Degradation	
	1	Water Quality Degradation: Is the application within one of the following water quality approved projects: Watershed Protection Program Fund (WSPF), Water Protection Fund (WPF), EPA 319 Project, Iowa Watershed Improvement Review Board (IWIRB) Fund, or Iowa Nutrient Reduction Strategy Priority Watersheds?	100
	2	Does the application include supporting practices that will assist the applicant with reducing nutrients and pesticides in surface water. (i.e. 412 Grassed Waterway or 441 Irrigation System, Micro Irrigation)	50
2		Soil Erosion reduction	
	2	Does the application include supporting practices that will assist the applicant with reducing sheet and rill erosion. (i.e. 342 Critical Area Planting or 362 Diversion)	50
3		Degraded Plant Condition	
	1	Does the application include supporting practices that will assist the applicant with improving plant productivity, health and vigor. (i.e. 342 Critical Area Planting or 441 Irrigation System, Micro Irrigation)	50
		Maximum Points: 250 Total Points	250