

[Print](#) [Close](#)

Ranking Tool Summary for FY2017 - High Tunnel (Draft)

Description:

Land Uses:

Crop

Efficiency Score:

Scoring Multiplier: 1.000

Optional Notes:

National Priorities:

Scoring Multiplier:

Questions:

Number	Question	Points
1	a. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	15
1	b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated "impaired water body" (TMDL, 303d, etc.)?	15
1	c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a "non-impaired water body"?	5
2	a. Decrease aquifer overdraft?	15
2	b. Conserve water from irrigation system improvements and saved water will be available for other beneficial uses?	10
2	c. Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	5
3	a. Meet on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	15
3	b. Reduce on-farm generated green house gases such as CO2 (Carbon Dioxide), CH4 (Methane), and N2O (Nitrous Oxide)?	15
3	c. Increase on-farm carbon sequestration?	5
4	a. Reduce erosion to tolerable limits (Soil "T")?	15
4	b. Improve soil tilth, organic matter, structure, health, etc.?	5
5	a. Benefit on-farm habitat associated with threatened and endangered, at-risk, candidate, or species of concern as identified in a State wildlife plan?	15
5	b. Help retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP)?	10
6	a. Help manage or control noxious or invasive species on non-cropland?	10
6	b. Increase, or improve habitat to benefit pollinator or other targeted wildlife species?	10
6	c. Properly dispose of livestock carcasses?	5
6	d. Are identified in an Integrated Pest Management plan?	10
6	e. Are identified in a Nutrient Management plan?	10
6	f. Apply principles of adaptive nutrient management?	5
7	a. Reduce energy consumption on the agricultural operation?	15
7	b. Increase on-farm energy efficiency with practices and improvements identified in an approved energy audit equivalent to criteria required in Ag EMP?	10

7	c. Assist in implementing energy conservation measures that also reduce greenhouse gas emissions and other air pollutants?	10
8	a. Implementation of all conservation practices scheduled in the contract on the CPA-1155 within three years of date of obligation?	10
8	b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted?	5
8	c. Implementation of practice(s) which will complete an existing conservation system or suite of practices?	5
Total Points		250

State Issues:

Scoring Multiplier:

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.	
	1	The Schedule of Operations includes a High Tunnel which will assist the producer to improve plant productivity, health and vigor.	70
	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.	70
	3	The Schedule of Operations includes supporting practices necessary to support a new or existing High Tunnel in order to address soil erosion.	70
2		Answer ONE of the following criteria that apply regarding the project's ability to address excess nutrients and organics in surface water.	
	1	The Schedule of Operations includes a High Tunnel 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, 303d, etc.).	70
	2	The Schedule of Operations includes a High Tunnel 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 project's ability to address harmful levels of pesticides in surface water.	
	1	The Schedule of Operations includes a High Tunnel 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.).	70
	2	The Schedule of Operations includes a seasonal high tunnel 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:			Total Points
			400

Local Issues:

Scoring Multiplier:

Questions:

Sub-heading Number	Question Number	Question	Points
	1	If selected for funding, is this the first high tunnel for the applicant using an NRCS financial assistance program?	150
	2	In the last 3 years, has the applicant completed all previous Farm Bill	100

		contracts without any terminations, cancellation requests, or not had any contracts at all?	
			250
		Maximum Points:	Total Points

Selected Resource Concerns and Practices:

- Degraded Plant Condition: Inadequate Structure and Composition
 - High Tunnel System (325)
- Degraded Plant Condition: Undesirable Plant Productivity and Health
 - High Tunnel System (325)
 - Mulching (484)
- Soil Erosion: Sheet and Rill Erosion
 - Critical Area Planting (342)
 - Diversion (362)
 - Lined Waterway or Outlet (468)
 - Mulching (484)
 - Subsurface Drain (606)
 - Water Well (642)
- Soil Quality Degradation: Organic Matter Depletion
 - Critical Area Planting (342)
 - Mulching (484)
- Water Quality Degradation: Nutrients in Surface water
 - High Tunnel System (325)
 - Mulching (484)
- Water Quality Degradation: Pesticides in Surface Water
 - High Tunnel System (325)
 - Mulching (484)

5.6.1.24384