Print Close

Ranking Tool Summary
for FY2016 - FY16 On-Farm Energy

Description:
FY16 On-Farm Energy Initiative Ranking

Land Uses:
Crop, Farmstead, Pasture, Range

Efficiency Score:
Scoring Multiplier: 1.750
Scoring Ranges and Results Text:

High: 100 - 67	Medium: 66 - 34	Low: 33 - 0
This application scores high	This application scores medium	This application scores low

Optional Notes:

National Priorities:
Scoring Multiplier: 1.000
Scoring Ranges and Results Text:

High: 250 - 160	Medium: 159 - 80	Low: 79 - 0
This application scores high	This application scores medium	This application scores low

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,	10

	PM10)?	
4	c.Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O)?	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:

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 400 - 280	Medium: 279 - 120	Low: 119 - 0
This application scores high	This application scores medium	This application scores low

Questions:

Sub-heading Number	Question Number	Question	Points
1		If the application is for the 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 State-level questions.	
	1	a Is the program application for development of a Conservation Activity Plan (CAP) for a TSP prepared Agricultural Energy Management Plan (128)? If answer is "Yes," do not answer any other State-level questions. If answer is "No," proceed with evaluation to address the remaining questions in this section.	400
2		With regard to applications containing energy efficiency practices (answer one of the following):	
	2	a The application contains two or more core practices.	100
	2	b The application contains at least one core practice and additional supporting practices.	50
	2	c The application contains only supporting practices.	0
3		Water Conservation – Will the proposed project conserve water by (select all that apply):	
	3	a Implementing irrigation practices that reduce energy and reduce aquifer overdraft?	50

	3	b Implementing practices that recycle or reuse water?	50
4		Air Quality - Does the application contain projects that improve air quality by (answer one of the following):	
	4	a Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 100,000 pounds or more?	100
	4	b Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by at least 75,000 pounds but less than 100,000 pounds?	75
	4	c Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by at least 50,000 pounds but less than 75,000 pounds?	50
	4	d Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by at least 25,000 pounds but less than 50,000 pounds?	20
	4	e Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by at least 10,000 pounds but less than 25,000 pounds?	10
	4	f Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by less than 10,000 pounds?	0
5		Use the "Energy Cost Efficiency Worksheet" to calculate the estimated energy cost efficiency value for the conservation practices in the EQIP Plan/Schedule of Operations. Answer one of the following questions:	
	5	a Is the estimated energy cost efficiency 50 percent or more?	100
	5	b Is the estimated energy cost efficiency between 30 and 50 percent?	50
	5	c Is the estimated energy cost efficiency less than 30 percent?	25
		Maximum Points: Total Points	1080

Local Issues:

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 250 - 160	Medium: 159 - 80	Low: 79 - 0
This application scores high	This application scores medium	This application scores low

Questions:

Sub-heading Number	Question Number	Question	Points
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 state priority category.	
	1	If the application is for the 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 state level questions.	250
2		Energy audit from a certified TSP?	
	2	Does the Applicant have a completed energy audit from a certified TSP?	150
3		Reduce energy consumption.	
	3	Will the implementation of all the contracted practices reduce energy consumption by > 50%	100
	4	Will the implementation of all the contracted practices reduce energy consumption by 40 and 50%	75

	5	Will the implemetation of all the contracted practices reduce energy consumption by 30 and 40%	50
	6	Will the implemetation of all the contracted practices reduce energy consumption by by less than 30%	25
		Maximum Points: Total Points	650

Selected Resource Concerns and Practices:

Inefficient Energy Use: Equipment and Facilities
- Agricultural Energy Management Plan - Wr (128)
- Building Envelope Improvement (672)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Farmstead Energy Improvement (374)
- Irrigation Water Management (449)
- Lighting System Improvement (670)
- Pumping Plant (533)
- Residue Mgmt, Mulch Till (345)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Windbreak/Shelterbelt Establishment (380)

Inefficient Energy Use: Farming/Ranching Practices and Field Operations
- Agricultural Energy Management Plan - Wr (128)
- Building Envelope Improvement (672)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Farmstead Energy Improvement (374)
- Irrigation Water Management (449)
- Lighting System Improvement (670)
- Pumping Plant (533)
- Residue Mgmt, Mulch Till (345)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Windbreak/Shelterbelt Establishment (380)

4.9.1.21565_P