



Ranking Tool Summary for FY2016 - WLEB Special Project_TS (Draft)

Description:

Land Uses:

Associated Agriculture Land, Crop, Farmstead, Forest, Other, Pasture

Efficiency Score:

Scoring Multiplier:

Optional Notes:

National Priorities:

Scoring Multiplier:

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 (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

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 national priority category	
	1	Is the program application to support the development of a Conservation Activity Plan (CAP)? 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		Are any of the following resource concerns identified on the farm, and the producer agrees to implement a Conservation plan to meet the respective Planning Criteria? Award points under 1a-1h for the Resource Concerns identified on the offered acres that will be addressed with this application. Select all that apply.	
	2	SOIL EROSION - Sheet, rill, & wind erosion - Sheet & Rill	4
	3	SOIL EROSION - Sheet, rill, & wind erosion - Wind	2
	4	SOIL EROSION - Concentrated flow erosion - Ephemeral Gullies	4
	5	SOIL EROSION - Concentrated flow erosion - Classic Gullies	5
	6	SOIL QUALITY DEGRADATION - Organic matter depletion	6
	7	SOIL QUALITY DEGRADATION - Compaction	6
	8	WATER QUALITY DEGRADATION - Excess nutrients in surface waters	12
	9	WATER QUALITY DEGRADATION - Excessive sediment in surface waters	13
3		What are the soil test phosphorus levels (as verified by any sample size of any age on any of the offered acres?) and will practices be included in the application to reduce phosphorus losses? Pick ONE of the following based on soil test results presented by the applicant:	
	10	> 200 PPM	80
	11	100 - 200 PPM	40
	12	No soil tests available	40
	13	40 - 100 PPM	20
	14	< 40 PPM	0
4		Are there tile risers/catch basins/tile blow holes on the offered acres, and will the application include any of the planned treatments? Award points	

		under 3a-3d for the any/all practices that will be implemented with this application for the identified Resource Concerns. Select all that apply.	
	19	Blind inlets meeting the 620 standard ?	15
	20	The drainage area will be managed using annual no-till/strip-till meeting the 329 standard + annually-planted cover crops meeting the 340 standard ?	20
	21	Precision nutrient management w/ P injected meeting the 590 standard ?	20
	22	Application setbacks of 20 feet from the direct conduits will be followed ?	5
5		Which of the following P management strategies will be used for the majority of the P rate on at least 50% of the acres included in the application for all crops in the rotation? Pick ONE of the following P management strategies.	
	23	P will be injected/banded in the summer following wheat harvest with a cover crop; or no P will be applied (i.e. - drawdown strategy) ?	60
	24	P will be injected or broadcast and immediately incorporated and a cover crop seeded?	40
	25	P will be injected/banded at planting?	32
	26	P will be injected/banded in the spring prior to planting?	20
	27	P will be injected during fall strip tillage operations?	8
	28	P will be broadcast and incorporated within 48 hours ?	4
	29	None of the above	0
6		Which of the following soil health management systems practices are planned annually for the acres included in this application? Select all that apply	
	30	Cover crops meeting the 340 standard will be seeded on at least 25% of the offered acres?	20
	31	Continuous no-till/strip-till meeting the 329 standard will be used on all crops on at least 25% of the offered acres?	16
	32	Winter wheat or other cereal grain or legume/hay crop will be in the rotation on at least 10% of the offered acres?	12
	33	Buffers or perennial vegetation will be established around all surface waters or other critical areas?	12
7		Which of the following practices will be implemented as part of this application for the identified Resource Concerns? Select all that apply	
	34	2-stage ditches meeting the 582 standard?	4
	35	Denitrifying Bio-reactor meeting the 605 standard?	8
	36	Nutrient-filtering wetlands meeting the 656 standard?	8
	37	Drainage Water Management meeting the 554 standard?	8
	38	Transitioning intensive tillage into "Seasonal No-Till" = at least 1 crop is produced with no-till (STIR < 20) and no crop in the rotation is conventionally tilled (STIR < 80)?	4
	39	Waste Storage Facility meeting the 313 standard ?	8
8		Percentage of the offered acres rated as High or Moderately High for surface runoff (NRCS CEAP Soil Vulnerability Index). Pick the ONE response that reflects the percentage of acres.	
	40	100%	8
	41	>= 50 - 100%	6
	42	>= 25 50%	4
	43	1 - 25%	2
	44	0%	0
9		Percentage of the offered acres rated as High or Moderately High for leaching (NRCS CEAP Soil Vulnerability Index). Pick the ONE response that reflects the percentage of acres.	
	45	100%	8

	46	>= 50 - 100%	6
	47	>= 25-50 %	4
	48	1 - 25%	2
	49	0%	0
10		Conservation Planning Priority Select all that apply	
	50	Does the farm have a current conservation plan that was approved prior to March 1, 2016 and will this application result in the implementation of that plan?	12
	51	Will this application result in the implementation of a previously-completed plan that meets NRCS Conservation Activity Plan criteria?	8
11		Location	
	52	Are at least 50% of the offered acres within the Maumee River or the Portage River (Ohio) Watershed?	12
Maximum Points: 400 Total Points			1028

Local Issues:

Scoring Multiplier: 1.000

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 national priority category	
	1	Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other Local level questions. If answer is "No", proceed with evaluation to address the remaining question in this section.	250
2		Local Ranking Questions	
	2	Will this application utilize EQIP funds to install underground outlets (620)?	25
	3	Will this application utilize EQIP funds to install a structure for water control (587) and/or drainage water management (554)?	50
	4	Will this application utilize EQIP funds to implement cover crop non-winter kill species on the acreage for 3 consecutive years?	50
	5	Will this application utilize EQIP funds to implement a conservation crop rotation (328) that provides additional high residue?	25
	6	Will this application utilize EQIP funds to implement nutrient management (590) for placement of nutrients below the soil surface for all phosphorous applications?	50
	7	Will this application utilize EQIP funds to install a conservation cover (327), filter strips (393), riparian herbaceous cover (390) or riparian forest buffer (391) adjacent to a stream, ditch tile inlet or sensitive area?	25
	8	Will this application utilize EQIP funds to install a grassed waterway (412) to prevent gully formation or protect/improve water quality?	25
Maximum Points: 250 Total Points			500

Selected Resource Concerns and Practices:

Soil Erosion: Classic Gully Erosion

Access Control (472)

Comprehensive Nutrient Management Plan - (102)

Conservation Cover (327)
 Critical Area Planting (342)
 Dike (356)
 Diversion (362)
 Drainage Water Management Plan - Written (130)
 Forage and Biomass Planting (512)
 Grade Stabilization Structure (410)
 Grassed Waterway (412)
 Lined Waterway or Outlet (468)
 Mulching (484)
 Nutrient Management Plan - Written (104)
 Prescribed Grazing (528)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Roof Runoff Structure (558)
 Sediment Basin (350)
 Subsurface Drain (606)
 Tree/Shrub Establishment (612)
 Underground Outlet (620)
 Vegetative Barrier (601)
 Watering Facility (614)

Soil Erosion: Ephemeral Gully Erosion

Access Control (472)
 Access Road (560)
 Comprehensive Nutrient Management Plan - (102)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Cover Crop (340)
 Critical Area Planting (342)
 Diversion (362)
 Drainage Water Management Plan - Written (130)
 Fence (382)
 Field Border (386)
 Filter Strip (393)
 Grassed Waterway (412)
 Heavy Use Area Protection (561)
 Integrated Pest Management (595)
 Lined Waterway or Outlet (468)
 Mulching (484)
 Nutrient Management Plan - Written (104)
 Prescribed Grazing (528)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Roof Runoff Structure (558)
 Sediment Basin (350)
 Subsurface Drain (606)
 Tree/Shrub Establishment (612)
 Underground Outlet (620)
 Vegetated Treatment Area (635)
 Vegetative Barrier (601)
 Water Well (642)
 Watering Facility (614)
 Windbreak/Shelterbelt Establishment (380)
 Windbreak/Shelterbelt Renovation (650)

Soil Erosion: Sheet and Rill Erosion

Access Control (472)
 Amending Soil Properties with Gypsum Pro (333)
 Comprehensive Nutrient Management Plan - (102)

Conservation Cover (327)
 Conservation Crop Rotation (328)
 Cover Crop (340)
 Critical Area Planting (342)
 Diversion (362)
 Drainage Water Management Plan - Written (130)
 Fence (382)
 Field Border (386)
 Filter Strip (393)
 Forage and Biomass Planting (512)
 Heavy Use Area Protection (561)
 Mulching (484)
 Nutrient Management Plan - Written (104)
 Prescribed Grazing (528)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Subsurface Drain (606)
 Tree/Shrub Establishment (612)
 Vegetated Treatment Area (635)
 Vegetative Barrier (601)
 Watering Facility (614)
 Windbreak/Shelterbelt Establishment (380)
 Windbreak/Shelterbelt Renovation (650)

Soil Erosion: Wind Erosion

Access Control (472)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Cover Crop (340)
 Critical Area Planting (342)
 Drainage Water Management (554)
 Drainage Water Management Plan - Written (130)
 Field Border (386)
 Forage and Biomass Planting (512)
 Heavy Use Area Protection (561)
 Integrated Pest Management (595)
 Mulching (484)
 Nutrient Management Plan - Written (104)
 Prescribed Grazing (528)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Tree/Shrub Establishment (612)
 Vegetated Treatment Area (635)
 Vegetative Barrier (601)
 Watering Facility (614)
 Windbreak/Shelterbelt Establishment (380)
 Windbreak/Shelterbelt Renovation (650)

Soil Quality Degradation: Compaction

Access Control (472)
 Access Road (560)
 Amending Soil Properties with Gypsum Pro (333)
 Comprehensive Nutrient Management Plan - (102)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Controlled Traffic Farming (334)
 Cover Crop (340)
 Critical Area Planting (342)
 Drainage Water Management Plan - Written (130)

Fence (382)
 Field Border (386)
 Filter Strip (393)
 Forage and Biomass Planting (512)
 Heavy Use Area Protection (561)
 Integrated Pest Management (595)
 Mulching (484)
 Nutrient Management Plan - Written (104)
 Open Channel (582)
 Prescribed Grazing (528)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Subsurface Drain (606)
 Tree/Shrub Establishment (612)
 Vegetated Treatment Area (635)
 Waste Storage Facility (313)
 Waste Treatment (629)
 Windbreak/Shelterbelt Establishment (380)
 Windbreak/Shelterbelt Renovation (650)
 Soil Quality Degradation: Organic Matter Depletion
 Access Control (472)
 Amending Soil Properties with Gypsum Pro (333)
 Comprehensive Nutrient Management Plan - (102)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Cover Crop (340)
 Critical Area Planting (342)
 Drainage Water Management (554)
 Drainage Water Management Plan - Written (130)
 Field Border (386)
 Filter Strip (393)
 Forage and Biomass Planting (512)
 Grade Stabilization Structure (410)
 Grassed Waterway (412)
 Integrated Pest Management (595)
 Mulching (484)
 Nutrient Management (590)
 Nutrient Management Plan - Written (104)
 Open Channel (582)
 Prescribed Grazing (528)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Solid/Liquid Waste Separation Facility (632)
 Tree/Shrub Establishment (612)
 Vegetated Treatment Area (635)
 Waste Storage Facility (313)
 Waste Treatment (629)
 Windbreak/Shelterbelt Establishment (380)
 Windbreak/Shelterbelt Renovation (650)
 Water Quality Degradation: Excessive Sediment in Surface Water
 Access Control (472)
 Access Road (560)
 Comprehensive Nutrient Management Plan - (102)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Constructed Wetland (656)
 Cover Crop (340)

Critical Area Planting (342)
 Diversion (362)
 Drainage Water Management Plan - Written (130)
 Fence (382)
 Field Border (386)
 Filter Strip (393)
 Forage and Biomass Planting (512)
 Grade Stabilization Structure (410)
 Grassed Waterway (412)
 Heavy Use Area Protection (561)
 Integrated Pest Management (595)
 Lined Waterway or Outlet (468)
 Mulching (484)
 Nutrient Management Plan - Written (104)
 Open Channel (582)
 Prescribed Grazing (528)
 Pumping Plant (533)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Roof Runoff Structure (558)
 Sediment Basin (350)
 Stream Crossing (578)
 Structure for Water Control (587)
 Subsurface Drain (606)
 Tree/Shrub Establishment (612)
 Vegetated Treatment Area (635)
 Vegetative Barrier (601)
 Watering Facility (614)
 Well Decommissioning (351)
 Windbreak/Shelterbelt Establishment (380)
 Windbreak/Shelterbelt Renovation (650)
 Water Quality Degradation: Nutrients in Surface water
 Access Control (472)
 Agrichemical Handling Facility (309)
 Amending Soil Properties with Gypsum Pro (333)
 Anaerobic Digester (366)
 Closure of Waste Impoundment (360)
 Comprehensive Nutrient Management Plan - (102)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Constructed Wetland (656)
 Cover Crop (340)
 Critical Area Planting (342)
 Denitrifying Bioreactor (605)
 Drainage Water Management (554)
 Drainage Water Management Plan - Written (130)
 Feed Management (592)
 Fence (382)
 Field Border (386)
 Filter Strip (393)
 Forage and Biomass Planting (512)
 Grade Stabilization Structure (410)
 Grassed Waterway (412)
 Heavy Use Area Protection (561)
 Mulching (484)
 Nutrient Management (590)
 Nutrient Management Plan - Written (104)
 Pipeline (516)
 Pond Sealing - Clay Treatment (521D)

Pond Sealing or Lining, Bentonite Sealant (521C)
Pond Sealing or Lining, Flexible Membrane (521A)
Pond Sealing or Lining, Soil Dispersant (521B)
Prescribed Grazing (528)
Pumping Plant (533)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Roof Runoff Structure (558)
Sediment Basin (350)
Solid/Liquid Waste Separation Facility (632)
Stream Crossing (578)
Tree/Shrub Establishment (612)
Tree/Shrub Site Preparation (490)
Vegetated Treatment Area (635)
Vegetative Barrier (601)
Waste Storage Facility (313)
Waste Transfer (634)
Waste Treatment (629)
Water Well (642)
Watering Facility (614)
Well Decommissioning (351)
Windbreak/Shelterbelt Establishment (380)
Windbreak/Shelterbelt Renovation (650)

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