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Ranking Tool Summary

for FY2013 - CBWI - Pasture

(Released 03/19/2013)

Description:

Land Uses:

Hay, Headquarters, Pasture

Efficiency Score:

Scoring Multiplier: 100.000

Scoring Ranges and Results Text:

High: 100 - 75	Medium: 74 - 50	Low: 49 - 0
The practices in the application are in the high score range	The practices in the application are in the medium score range	The practices in the application are in the low score range

Optional Notes:

National Priorities:

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 250 - 200	Medium: 199 - 100	Low: 99 - 0
The application is in the high score range for addressing national resource issues	The application is in the medium score range for addressing national resource issues	The application is in the low score range for addressing national resource issues

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. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	15
2	b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated "impaired water body" (TMDL, 303d, etc.)?	15
2	c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a "non-impaired water body"?	5
3	a. Decrease aquifer overdraft?	15
3	b. Conserve water from irrigation system improvements and saved water will be available for other beneficial uses?	10
3	c. Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	5
4	a. Meet on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	15
4	b. Reduce on-farm generated green house gases such as CO2 (Carbon Dioxide), CH4 (Methane), and N2O (Nitrous Oxide)?	15
4	c. Increase on-farm carbon sequestration?	5
5	a. Reduce erosion to tolerable limits (Soil "T")?	15

5	b. Improve soil tilth, organic matter, structure, health, etc.?	5
6	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
6	b. Help retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP)?	10
7	a. Help manage or control noxious or invasive plant species on non-cropland?	10
7	b. Increase, or improve habitat to benefit pollinator or other targeted wildlife species?	10
7	c. Properly dispose of livestock carcasses?	5
7	d. Are identified in an Integrated Pest Management plan?	10
7	e. Are identified in a Nutrient Management plan?	10
7	f. Apply principles of adaptive nutrient management?	5
8	a. Reduce energy consumption on the agricultural operation?	15
8	b. Increase on-farm energy efficiency with practices and improvements identified in an approved energy audit equivalent to criteria required in Ag EMP (122,124)?	10
8	c. Assist in implementing energy conservation measures that also reduce greenhouse gas emissions and other air pollutants?	10
9	a. Implementation of all conservation practices scheduled in the contract on the CPA-1155 within three years of date of obligation?	10
9	b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted?	5
9	c. Implementation of practice(s) which will complete an existing conservation system or suite of practices?	5
Total Points		500

State Issues:

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 400 - 350	Medium: 349 - 200	Low: 199 - 0
The application is in the high score range for addressing state resource issues	The application is in the medium score range for addressing state resource issues	The application is in the low score range for addressing state resource issues

Questions:

Sub-heading Number	Question Number	Question	Points
1		The proposed contract includes priority practices - Pick only one answer that applies	
	1	A. Includes implementation of 3 or more core practices	25
	2	B. Includes implementation of 2 core practices	15
	3	C. Includes implementation of 1 core practice	5
2		Conservation Planning - Choose all that apply	
	1	A Conservation Plan has been developed prior to the CBWI application cut-off date. The Conservation Plan addresses the same resource concern and land contained in the proposed contract. The Conservation Plan is signed and dated by the applicant and certified conservation planner	25
	2	A Prescribed Grazing Plan has been developed for the acres included in the proposed contract before the CBWI application cut-off date.	25
	3	All structural practices such as cross-fences, watering facilities, pumping plants, wells, etc. will be established within the first two years of the proposed contract.	25
3		Water Quality Concerns- Choose all that apply	
	1	The proposed contract includes at least one conservation practice	25

		(Codes: 327, 342, 390, 391) which has a high efficiency rating to reduce sediment transport to local water features.	
	2	The proposed contract includes at least one practice (Code 528, 561, 472,612) which has a medium efficiency rating to reduce sediment transport to local water features.	15
	3	The proposed contract includes conservation practices (Code: 390, 391) that establishes a 35-foot riparian buffer and controls livestock access to 100% of the water features that flow off of the farm.	35
	4	The proposed contract includes conservation practices (Code: 390, 391) that establishes a 35-foot riparian buffer and controls livestock access to less than 100% but more than 50% of the water features that flow off of the farm.	15
	5	The proposed contract includes conservation practices (Code 472, 382) that establishes a 10-foot set-back and controls livestock access to 100% of the water features that flow off of the farm.	20
	6	The proposed contract includes conservation practices (Code 472, 382) that establishes a 10-foot set-back and controls livestock access to less than 100% but more than 50% of the water features that flow off of the farm.	10
	7	The proposed contract includes at least one practice (Code 327, 612) that results in land-use conversion from grazing to a less intense use.	25
	8	The proposed contract includes Nutrient Management (Code 590) which results in proper management of nutrients on the treatment area.	10
4		Plant Condition - Health and Vigor, Water Quality - Choose all that apply	
	1	The operation will be managed according to a prescribed grazing plan with complete documentation of rotation, management items, nutrient and lime applications, pasture conditioning score and soil testing as required by the Virginia Prescribed Grazing standard (528).	40
	2	The proposed contract includes Access Control (Code 472) to exclude livestock from 100% of currently grazed woodland in order to promote forest health.	15
	3	The proposed contract includes Access Control (Code 472) to exclude livestock from less than 100% but more than 50% of currently grazed woodland in order to promote forest health.	5
	4	The proposed contract includes at least one practice (Code 512, 314, 315) that improves the quality and quantity of forages.	10
	5	The proposed contract includes Pasture and Hay Planting (Code 512) that will establish at least 10% of grazing land in perennial warm season grasses.	10
	6	The grazing operation has at least 2 acres of available pasture for each animal unit currently grazing on the operation.	25
5		Choose one answer that applies	
	1	A. The proposed contract includes Access Control, Code 472 to exclude livestock from 100% of currently grazed woodland in order to promote forest health	15
	2	B. The proposed contract includes Access Control, Code 472 to exclude livestock from less than 100% but more than 50% of currently grazed woodland in order to promote forest health	5
6		Soil Erosion Issues - Choose all that apply	
	1	The proposed contract includes Critical Area Planting (Code 342) to treat critical erosion problems.	10
	2	The proposed contract includes Streambank Protection (Code 580) to treat eroding streambanks.	10
		Maximum Points: 400 Total Points	420

Local Issues:

Scoring Ranges and Results Text:

High: 250 - 200	Medium: 199 - 100	Low: 99 - 0
The application is in the high score range for addressing local resource issues	The application is in the medium score range for addressing local resource issues	The application is in the low score range for addressing local resource issues

Questions:

Sub-heading Number	Question Number	Question	Points
1		Choose all that apply to the application	
	1	The applicant has had a Farm Bill contract terminated within the past 3 years.	-100
	2	The applicant has had a Farm Bill contract cancelled within the past 2 years.	-50
	3	The proposed contract would be the applicants first CBWI contract.	30
	4	The area being considered for an EQIP contract is within an impaired watershed shown on the "Impaired Waters of Virginia" Toolkit GIS layer.	40
	5	The proposed CBWI contract includes a 35 foot riparian buffer that will limit impacts to streams containing a listed aquatic species shown on the Toolkit T&E Aquatic Species GIS layer	10
	6	The proposed contract will establish Prescribed Grazing (Code 528).	55
	7	The proposed contract will establish Access Control (Code 472).	45
	8	The proposed contract will establish Forage and Biomass Planting (Code 512) or Nutrient Management (Code 590).	35
	9	The area being considered for a CBWI contract is within a high priority watershed.	100
		Maximum Points: 250 Total Points	165

Selected Resource Concerns and Practices:

Fish and Wildlife: Habitat Fragmentation

- Access Control (472)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Pond (378)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Watering Facility (614)

Fish and Wildlife: Imbalance Among and Within Populations

- Access Control (472)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Pond (378)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)

- Watering Facility (614)
- Fish and Wildlife: Inadequate Cover/Shelter
 - Access Control (472)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Cover Crop (340)
 - Hedgerow Planting (422)
 - Herbaceous Weed Control (315)
 - Mulching (484)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)
- Fish and Wildlife: Inadequate Food
 - Access Control (472)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Cover Crop (340)
 - Hedgerow Planting (422)
 - Mulching (484)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)
- Fish and Wildlife: Inadequate Space
 - Access Control (472)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Cover Crop (340)
 - Hedgerow Planting (422)
 - Herbaceous Weed Control (315)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)
 - Watering Facility (614)
- Fish and Wildlife: T&E Species: Declining Species, Species of Concern
 - Access Control (472)
 - Conservation Cover (327)
 - Watering Facility (614)
- Fish and Wildlife: Threatened and Endangered Fish and Wildlife Species
 - Access Control (472)
 - Conservation Cover (327)
 - Watering Facility (614)
- Plant Condition: Forage Quality and Palatability
 - Access Control (472)
 - Brush Management (314)
 - Cover Crop (340)
 - Fence (382)
 - Firebreak (394)
 - Forage and Biomass Planting (512)
 - Herbaceous Weed Control (315)
 - Nutrient Management (590)
 - Nutrient Management Plan - Written (104)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)

Tree/Shrub Establishment (612)

Plant Condition: Noxious and Invasive Plants

- Access Control (472)
- Brush Management (314)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Critical Area Planting (342)
- Field Border (386)
- Firebreak (394)
- Forage and Biomass Planting (512)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Mulching (484)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)

Plant Condition: Plants not adapted or suited

- Access Control (472)
- Access Road (560)
- Brush Management (314)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Critical Area Planting (342)
- Field Border (386)
- Firebreak (394)
- Forage and Biomass Planting (512)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Nutrient Management (590)
- Nutrient Management Plan - Written (104)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)

Plant Condition: Productivity, Health and Vigor

- Access Control (472)
- Access Road (560)
- Brush Management (314)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Critical Area Planting (342)
- Diversion (362)
- Fence (382)
- Field Border (386)
- Firebreak (394)
- Forage and Biomass Planting (512)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Livestock Pipeline (516)
- Mulching (484)

- Nutrient Management (590)
- Nutrient Management Plan - Written (104)
- Pond (378)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Spring Development (574)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Water Well (642)
- Watering Facility (614)
- Plant Condition: T&E Plant Species: Declining Species, Species of Concern
 - Access Control (472)
 - Conservation Cover (327)
- Plant Condition: Threatened and Endangered Plant Species
 - Access Control (472)
 - Conservation Cover (327)
- Soil Condition: Compaction
 - Access Control (472)
 - Animal Trails and Walkways (575)
 - Conservation Cover (327)
 - Forage and Biomass Planting (512)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Tree/Shrub Establishment (612)
- Soil Condition: Contaminants-Animal Waste and Other Organics - N
 - Access Control (472)
 - Conservation Cover (327)
 - Forage and Biomass Planting (512)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Nutrient Management Plan - Written (104)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Tree/Shrub Establishment (612)
- Soil Condition: Contaminants-Animal Waste and Other Organics - P
 - Access Control (472)
 - Conservation Cover (327)
 - Forage and Biomass Planting (512)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Nutrient Management Plan - Written (104)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Tree/Shrub Establishment (612)
- Soil Condition: Contaminants-Commercial Fertilizer - N
 - Access Control (472)
 - Conservation Cover (327)
 - Forage and Biomass Planting (512)
 - Nutrient Management (590)
 - Nutrient Management Plan - Written (104)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Tree/Shrub Establishment (612)

Soil Condition: Contaminants-Commercial Fertilizer - P

- Access Control (472)
- Conservation Cover (327)
- Forage and Biomass Planting (512)
- Nutrient Management (590)
- Nutrient Management Plan - Written (104)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Tree/Shrub Establishment (612)

Soil Condition: Organic Matter Depletion

- Access Control (472)
- Conservation Cover (327)
- Forage and Biomass Planting (512)
- Mulching (484)
- Nutrient Management (590)
- Nutrient Management Plan - Written (104)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Tree/Shrub Establishment (612)

Soil Erosion: Classic Gully

- Access Control (472)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Critical Area Planting (342)
- Diversion (362)
- Field Border (386)
- Forage and Biomass Planting (512)
- Mulching (484)
- Pond (378)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Sediment Basin (350)
- Tree/Shrub Establishment (612)
- Watering Facility (614)

Soil Erosion: Ephemeral Gully

- Access Control (472)
- Access Road (560)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Critical Area Planting (342)
- Diversion (362)
- Field Border (386)
- Forage and Biomass Planting (512)
- Heavy Use Area Protection (561)
- Mulching (484)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Sediment Basin (350)
- Tree/Shrub Establishment (612)
- Water Well (642)
- Watering Facility (614)

Soil Erosion: Sheet and Rill

- Access Control (472)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)

- Critical Area Planting (342)
- Diversion (362)
- Field Border (386)
- Forage and Biomass Planting (512)
- Heavy Use Area Protection (561)
- Mulching (484)
- Pond (378)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Tree/Shrub Establishment (612)
- Water Well (642)
- Watering Facility (614)
- Soil Erosion: Streambank
 - Access Control (472)
 - Conservation Cover (327)
 - Critical Area Planting (342)
 - Diversion (362)
 - Fence (382)
 - Field Border (386)
 - Mulching (484)
 - Pond (378)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Watering Facility (614)
- Water Quality: Excessive Nutrients and Organics in Groundwater
 - Access Control (472)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Cover Crop (340)
 - Critical Area Planting (342)
 - Field Border (386)
 - Forage and Biomass Planting (512)
 - Livestock Pipeline (516)
 - Nutrient Management (590)
 - Nutrient Management Plan - Written (104)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Tree/Shrub Establishment (612)
- Water Quality: Excessive Nutrients and Organics in Surface Water
 - Access Control (472)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Cover Crop (340)
 - Critical Area Planting (342)
 - Fence (382)
 - Field Border (386)
 - Forage and Biomass Planting (512)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)
 - Livestock Pipeline (516)
 - Mulching (484)
 - Nutrient Management (590)
 - Nutrient Management Plan - Written (104)
 - Pond (378)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)

- Riparian Herbaceous Cover (390)
- Sediment Basin (350)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Water Well (642)
- Water Quality: Excessive Suspended Sediment and Turbidity in Surface Water
 - Access Control (472)
 - Access Road (560)
 - Animal Trails and Walkways (575)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Cover Crop (340)
 - Critical Area Planting (342)
 - Diversion (362)
 - Fence (382)
 - Field Border (386)
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 - Heavy Use Area Protection (561)
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 - Mulching (484)
 - Pond (378)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Sediment Basin (350)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)
 - Watering Facility (614)
- Water Quality: Harmful Levels of Pathogens in Groundwater
 - Access Control (472)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Cover Crop (340)
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 - Pond (378)
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- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Sediment Basin (350)
- Spring Development (574)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Watering Facility (614)

Water Quality: Harmful Levels of Pesticides in Groundwater

- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Diversion (362)
- Field Border (386)
- Forage and Biomass Planting (512)
- Livestock Pipeline (516)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Tree/Shrub Establishment (612)
- Water Well (642)

Water Quality: Harmful Temperatures of Surface Water

- Access Control (472)
- Hedgerow Planting (422)
- Livestock Pipeline (516)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Watering Facility (614)

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