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Ranking Tool Summary for FY2016 - EQIP Cropland (Draft)

Description:

Welcome to the Cropland Ranking please answer all questions per guidance provided by the Programs Staff.

Land Uses:

Associated Agriculture Land, Crop, Farmstead

Efficiency Score:

Scoring Multiplier: 10.000

Optional Notes:

National Priorities:

Scoring Multiplier: 1.060

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,	10

	or species of concern.	
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: 0.650

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Based upon RIGIS data, is the operation located in a watershed of drinking water supply reservoir including tributaries thereto, surface water quality or water conservation issues are being addressed with proposed practices? (the practice must be listed in the EQIP Handbook - Practices that have a positive effect on Surface Water Quality or Water Quantity")	32
	2	Based upon RIGIS data, is the operation located in a groundwater area mapped GAA or community wellhead and ground water quality or water conservation issues are being addressed with proposed practices? (the practice must be listed in the EQIP Handbook - Practices that have a positive effect on Surface Water Quality or Water Quantity)	20
	3	Based upon RIGIS data, is the operation located in a watershed of class SA waters impacted by agriculture and water quality issues are being addressed with proposed practices? (the practice must be listed in the EQIP Handbook - Practices that have a positive effect on Surface Water Quality or Water Quantity)	32
	4	Based upon the 2016 303d list is the operation located within 1000 feet of the impaired waterbody or having a direct hydrologic connection that is impaired by nutrients (dissolved oxygen or excessive algal growth), pesticides, turbidity or other agricultural pollutants such as bacteria/pathogens and the particular water quality issue(s) is being addressed with proposed practices? (the practice must be listed in the EQIP Handbook - Practices that have a positive effect on Surface Water Quality or Water Quantity.)	32
	5	Is the site located within 1000 feet of a cold water fishery or Special Resource Protection Waters (SRPW) where conservation practices are being planned to improve and/or protect water quality, water quantity or other habitats related to SRPW designation? The practices must be listed in the EQIP Handbook - Practices that have a positive effect on Surface Water Quality or Water Quantity.)	32
	6	Will soil erosion or soil conservation practices have a positive effect on prime farmland soils or a soil of statewide importance as listed by Rhode Island NRCS? (the practice must be listed in the EQIP Handbook - Practices that have a positive effect on Soil Erosion or Soil Quality.)	32
	7	Are public areas (public roads, school, etc.) or non-farm residences	16

		contiguous to cropland where air quality practices will be implemented? The practices must be listed in the EQIP Handbook - Practices that have a positive effect on Air Quality.)	
	8	Will planned practices enhance protection and are within 1000 feet of T & E species or State listed species?	64
	9	Will planned practices address control of noxious and invasive species?	32
	10	Is the land permanently protected through a conservation easement, purchase of development rights or other mechanism?	16
	11	Has the applicant previously successfully addressed a resource concern?	16
	12	Will planned practices address water quality and/or water quantity resource concerns that are within 300 feet of a private well or other surface waters/wetlands/vernal pools?	16
	13	Has the applicant previously developed a Conservation Activity Plan (CAP) and is going to implement it under this contract?	32
	14	Will the project enhance or contribute to habitat connectivity and reduce fragmentation through this EQIP Contract?	32
		Maximum Points: Total Points	404

Local Issues:

Scoring Multiplier: 1.060

Questions:

Sub-heading Number	Question Number	Question	Points
1		Cropland	
	1	Will the applicant implement or maintain a 50 foot riparian buffer (herbaceous or woody) on all water bodies adjacent to crop fields through the EQIP contract?	50
	2	Will the applicant implement or maintain a 35 foot (but less than 50 foot) riparian buffer (herbaceous or woody) on all water bodies adjacent to crop fields through the EQIP contract?	25
	3	Is the project located within one of the watersheds of the nine Newport Water Supply Reservoirs or within the Scituate watershed?	50
	4	Is the practice going to improve water quality with regard to excessive nutrients in ground and surface water?	75
	5	Is the applicant installing practices that will create or enhance pollinator habitat?	25
	6	If this application is approved for funding, will this be the applicants first EQIP contract?	75
	7	Will practices be applied to reduce erosion? (Practices must be listed in the EQIP Ranking guidance)	25
	8	Does the applicant currently have and implement an approved Irrigation Water Management Plan including record keeping?	25
	9	Does the applicant currently use no-till, reduced tillage, or will implement practices resulting in improved soil quality?	50
		Maximum Points: Total Points	400

Selected Resource Concerns and Practices:

- Air Quality Impacts: Emissions of Particulate Matter (PM) and PM Precursors
- Access Control (472)
- Agrichemical Handling Facility (309)
- Alley Cropping (311)

Composting Facility (317)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Contour Buffer Strips (332)
 Cover Crop (340)
 Critical Area Planting (342)
 Field Border (386)
 Filter Strip (393)
 Heavy Use Area Protection (561)
 Hedgerow Planting (422)
 Irrigation System, Microirrigation (441)
 Irrigation System, Sprinkler (442)
 Irrigation System, Surface and Subsurfac (443)
 Irrigation Water Management (449)
 Mulching (484)
 Nutrient Management (590)
 Pasture and Hay Planting (512)
 Pest Management (595)
 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)
 Road/Trail/Landing Closure and Treatment (654)
 Stripcropping (585)
 Tree/Shrub Establishment (612)
 Upland Wildlife Habitat Management (645)
 Waste Facility Cover (367)
 Windbreak/Shelterbelt Establishment (380)

Degraded Plant Condition: Excessive Plant Pest Pressure

Access Control (472)
 Alley Cropping (311)
 Brush Management (314)
 Composting Facility (317)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Contour Buffer Strips (332)
 Contour Orchard and Other Fruit Area (331)
 Cover Crop (340)
 Critical Area Planting (342)
 Field Border (386)
 Filter Strip (393)
 Grassed Waterway (412)
 Heavy Use Area Protection (561)
 Hedgerow Planting (422)
 Herbaceous Weed Control (315)
 Irrigation System, Microirrigation (441)
 Irrigation System, Sprinkler (442)
 Irrigation System, Surface and Subsurfac (443)
 Irrigation Water Conveyance, Pipeline, H (430DD)
 Irrigation Water Management (449)
 Lined Waterway or Outlet (468)
 Mulching (484)
 Obstruction Removal (500)
 Open Channel (582)
 Pest Management (595)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Tree/Shrub Establishment (612)
 Vegetative Treatment Area (635)
 Wetland Creation (658)

- Wetland Enhancement (659)
- Wetland Restoration (657)
- Wetland Wildlife Habitat Management (644)
- Windbreak/Shelterbelt Establishment (380)

Degraded Plant Condition: Inadequate Structure and Composition

- Access Control (472)
- Access Road (560)
- Alley Cropping (311)
- Animal Trails and Walkways (575)
- Brush Management (314)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Constructed Wetland (656)
- Contour Buffer Strips (332)
- Cover Crop (340)
- Critical Area Planting (342)
- Field Border (386)
- Filter Strip (393)
- Forage Harvest Management (511)
- Grassed Waterway (412)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Irrigation Water Conveyance, Pipeline, H (430DD)
- Lined Waterway or Outlet (468)
- Nutrient Management (590)
- Obstruction Removal (500)
- Open Channel (582)
- Pasture and Hay Planting (512)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Road/Trail/Landing Closure and Treatment (654)
- Tree/Shrub Establishment (612)
- Vegetative Treatment Area (635)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Wetland Wildlife Habitat Management (644)
- Windbreak/Shelterbelt Establishment (380)

Degraded Plant Condition: Undesirable Plant Productivity and Health

- Access Control (472)
- Access Road (560)
- Alley Cropping (311)
- Animal Trails and Walkways (575)
- Brush Management (314)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Contour Orchard and Other Fruit Area (331)
- Cover Crop (340)
- Critical Area Planting (342)
- Deep Tillage (324)
- Diversion (362)
- Fence (382)
- Field Border (386)
- Filter Strip (393)
- Forage Harvest Management (511)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)

Irrigation Pipeline (430)
Irrigation Storage Reservoir (436)
Irrigation System, Microirrigation (441)
Irrigation System, Sprinkler (442)
Irrigation System, Surface and Subsurfac (443)
Irrigation Water Conveyance, Pipeline, H (430DD)
Irrigation Water Management (449)
Land Clearing (460)
Lined Waterway or Outlet (468)
Mulching (484)
Nutrient Management (590)
Obstruction Removal (500)
Open Channel (582)
Pasture and Hay Planting (512)
Pipeline (516)
Pond (378)
Pond Sealing or Lining, Flexible Membran (521A)
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)
Road/Trail/Landing Closure and Treatment (654)
Stripcropping (585)
Subsurface Drain (606)
Terrace (600)
Tree/Shrub Establishment (612)
Underground Outlet (620)
Vegetative Treatment Area (635)
Water Well (642)
Wetland Creation (658)
Wetland Enhancement (659)
Wetland Restoration (657)
Wetland Wildlife Habitat Management (644)
Windbreak/Shelterbelt Establishment (380)
Excess Water: Runoff, Flooding, or Ponding
Alley Cropping (311)
Brush Management (314)
Conservation Cover (327)
Conservation Crop Rotation (328)
Constructed Wetland (656)
Contour Buffer Strips (332)
Contour Farming (330)
Contour Orchard and Other Fruit Area (331)
Cover Crop (340)
Dam (402)
Dike (356)
Diversion (362)
Field Border (386)
Grassed Waterway (412)
Irrigation Storage Reservoir (436)
Irrigation System, Microirrigation (441)
Irrigation System, Sprinkler (442)
Irrigation System, Surface and Subsurfac (443)
Lined Waterway or Outlet (468)
Mulching (484)
Open Channel (582)
Pasture and Hay Planting (512)
Pond (378)
Pumping Plant (533)
Residue Mgmt, Mulch Till (345)

Residue Mgmt-No-Till/Strip Till/Direct S (329)
Road/Trail/Landing Closure and Treatment (654)
Runoff Management System (570)
Sediment Basin (350)
Spring Development (574)
Stripcropping (585)
Structure for Water Control (587)
Subsurface Drain (606)
Terrace (600)
Tree/Shrub Establishment (612)
Underground Outlet (620)
Water and Sediment Control Basin (638)
Wetland Creation (658)
Wetland Enhancement (659)
Wetland Restoration (657)
Wetland Wildlife Habitat Management (644)
Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Cover/Shelter
Access Control (472)
Alley Cropping (311)
Brush Management (314)
Conservation Cover (327)
Conservation Crop Rotation (328)
Constructed Wetland (656)
Contour Buffer Strips (332)
Cover Crop (340)
Critical Area Planting (342)
Dam (402)
Early Successional Habitat Development/M (647)
Field Border (386)
Filter Strip (393)
Forage Harvest Management (511)
Grade Stabilization Structure (410)
Grassed Waterway (412)
Hedgerow Planting (422)
Herbaceous Weed Control (315)
Mulching (484)
Nutrient Management (590)
Pasture and Hay Planting (512)
Pond (378)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Road/Trail/Landing Closure and Treatment (654)
Streambank and Shoreline Protection (580)
Stripcropping (585)
Structures for Wildlife (649)
Terrace (600)
Tree/Shrub Establishment (612)
Upland Wildlife Habitat Management (645)
Wetland Creation (658)
Wetland Enhancement (659)
Wetland Restoration (657)
Wetland Wildlife Habitat Management (644)
Windbreak/Shelterbelt Establishment (380)
Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Food
Access Control (472)
Alley Cropping (311)
Brush Management (314)
Conservation Cover (327)
Conservation Crop Rotation (328)

Constructed Wetland (656)
 Contour Buffer Strips (332)
 Cover Crop (340)
 Critical Area Planting (342)
 Dam (402)
 Early Successional Habitat Development/M (647)
 Field Border (386)
 Filter Strip (393)
 Forage Harvest Management (511)
 Grade Stabilization Structure (410)
 Grassed Waterway (412)
 Hedgerow Planting (422)
 Herbaceous Weed Control (315)
 Irrigation Storage Reservoir (436)
 Mulching (484)
 Nutrient Management (590)
 Pasture and Hay Planting (512)
 Pest Management (595)
 Pond (378)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Road/Trail/Landing Closure and Treatment (654)
 Streambank and Shoreline Protection (580)
 Stripcropping (585)
 Structures for Wildlife (649)
 Tree/Shrub Establishment (612)
 Upland Wildlife Habitat Management (645)
 Wetland Creation (658)
 Wetland Enhancement (659)
 Wetland Restoration (657)
 Wetland Wildlife Habitat Management (644)
 Windbreak/Shelterbelt Establishment (380)
 Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Habitat Continuity (Space)
 Access Control (472)
 Alley Cropping (311)
 Brush Management (314)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Constructed Wetland (656)
 Contour Buffer Strips (332)
 Cover Crop (340)
 Critical Area Planting (342)
 Dam (402)
 Dike (356)
 Early Successional Habitat Development/M (647)
 Field Border (386)
 Filter Strip (393)
 Grassed Waterway (412)
 Hedgerow Planting (422)
 Herbaceous Weed Control (315)
 Pond (378)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Road/Trail/Landing Closure and Treatment (654)
 Spring Development (574)
 Streambank and Shoreline Protection (580)
 Stripcropping (585)

- Structures for Wildlife (649)
- Tree/Shrub Establishment (612)
- Upland Wildlife Habitat Management (645)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Wetland Wildlife Habitat Management (644)
- Windbreak/Shelterbelt Establishment (380)
- Insufficient Water: Inefficient Moisture Management
 - Access Control (472)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Contour Buffer Strips (332)
 - Contour Farming (330)
 - Contour Orchard and Other Fruit Area (331)
 - Cover Crop (340)
 - Deep Tillage (324)
 - Diversion (362)
 - Forage Harvest Management (511)
 - Mulching (484)
 - Pond (378)
 - Pond Sealing or Lining, Flexible Membran (521A)
 - Pumping Plant (533)
 - Residue Mgmt, Mulch Till (345)
 - Residue Mgmt-No-Till/Strip Till/Direct S (329)
 - Road/Trail/Landing Closure and Treatment (654)
 - Spring Development (574)
 - Stripcropping (585)
 - Structure for Water Control (587)
 - Subsurface Drain (606)
 - Terrace (600)
 - Tree/Shrub Establishment (612)
 - Windbreak/Shelterbelt Establishment (380)
- Insufficient Water: Inefficient Use of Irrigation Water
 - Access Road (560)
 - Alley Cropping (311)
 - Conservation Crop Rotation (328)
 - Contour Orchard and Other Fruit Area (331)
 - Cover Crop (340)
 - Dam (402)
 - Deep Tillage (324)
 - Diversion (362)
 - Forage Harvest Management (511)
 - Herbaceous Weed Control (315)
 - Irrigation Pipeline (430)
 - Irrigation Storage Reservoir (436)
 - Irrigation System, Microirrigation (441)
 - Irrigation System, Sprinkler (442)
 - Irrigation System, Surface and Subsurfac (443)
 - Irrigation Water Management (449)
 - Mulching (484)
 - Pond (378)
 - Pond Sealing or Lining, Flexible Membran (521A)
 - Pumping Plant (533)
 - Residue Mgmt, Mulch Till (345)
 - Residue Mgmt-No-Till/Strip Till/Direct S (329)
 - Spring Development (574)
 - Structure for Water Control (587)
 - Subsurface Drain (606)
 - Water Well (642)
 - Windbreak/Shelterbelt Establishment (380)

Soil Erosion: Classic Gully Erosion

- Access Control (472)
- Alley Cropping (311)
- Brush Management (314)
- Conservation Cover (327)
- Contour Buffer Strips (332)
- Critical Area Planting (342)
- Dam (402)
- Dike (356)
- Diversion (362)
- Grade Stabilization Structure (410)
- Grassed Waterway (412)
- Herbaceous Weed Control (315)
- Irrigation Pipeline (430)
- Irrigation Storage Reservoir (436)
- Lined Waterway or Outlet (468)
- Mulching (484)
- Riparian Forest Buffer (391)
- Road/Trail/Landing Closure and Treatment (654)
- Sediment Basin (350)
- Subsurface Drain (606)
- Terrace (600)
- Tree/Shrub Establishment (612)
- Underground Outlet (620)
- Water and Sediment Control Basin (638)

Soil Erosion: Ephemeral Gully Erosion

- Access Control (472)
- Access Road (560)
- Alley Cropping (311)
- Brush Management (314)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Contour Orchard and Other Fruit Area (331)
- Cover Crop (340)
- Critical Area Planting (342)
- Diversion (362)
- Field Border (386)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Herbaceous Weed Control (315)
- Lined Waterway or Outlet (468)
- Mulching (484)
- Pest Management (595)
- Residue Mgmt, Mulch Till (345)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Road/Trail/Landing Closure and Treatment (654)
- Runoff Management System (570)
- Sediment Basin (350)
- Stripcropping (585)
- Subsurface Drain (606)
- Terrace (600)
- Tree/Shrub Establishment (612)
- Underground Outlet (620)
- Water and Sediment Control Basin (638)
- Water Well (642)
- Windbreak/Shelterbelt Establishment (380)

Soil Erosion: Sheet and Rill Erosion

Access Control (472)
 Alley Cropping (311)
 Brush Management (314)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Contour Buffer Strips (332)
 Contour Farming (330)
 Contour Orchard and Other Fruit Area (331)
 Cover Crop (340)
 Critical Area Planting (342)
 Diversion (362)
 Fence (382)
 Field Border (386)
 Forage Harvest Management (511)
 Heavy Use Area Protection (561)
 Herbaceous Weed Control (315)
 Mulching (484)
 Pasture and Hay Planting (512)
 Pest Management (595)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Road/Trail/Landing Closure and Treatment (654)
 Stripcropping (585)
 Subsurface Drain (606)
 Terrace (600)
 Tree/Shrub Establishment (612)
 Vegetative Treatment Area (635)
 Water Well (642)
 Windbreak/Shelterbelt Establishment (380)

Soil Erosion: Streambank, Shoreline, Water Conveyance Channels

Access Control (472)
 Conservation Cover (327)
 Contour Buffer Strips (332)
 Critical Area Planting (342)
 Dam (402)
 Diversion (362)
 Field Border (386)
 Grade Stabilization Structure (410)
 Grassed Waterway (412)
 Herbaceous Weed Control (315)
 Irrigation Storage Reservoir (436)
 Mulching (484)
 Open Channel (582)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Road/Trail/Landing Closure and Treatment (654)
 Runoff Management System (570)
 Stream Crossing (578)
 Streambank and Shoreline Protection (580)
 Subsurface Drain (606)
 Terrace (600)
 Tree/Shrub Establishment (612)

Soil Erosion: Wind Erosion

Access Control (472)
 Alley Cropping (311)
 Brush Management (314)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Cover Crop (340)

Critical Area Planting (342)
 Field Border (386)
 Forage Harvest Management (511)
 Heavy Use Area Protection (561)
 Hedgerow Planting (422)
 Herbaceous Weed Control (315)
 Irrigation System, Sprinkler (442)
 Irrigation System, Surface and Subsurfac (443)
 Irrigation Water Management (449)
 Mulching (484)
 Pasture and Hay Planting (512)
 Pest Management (595)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Road/Trail/Landing Closure and Treatment (654)
 Stripcropping (585)
 Terrace (600)
 Tree/Shrub Establishment (612)
 Vegetative Treatment Area (635)
 Water Well (642)
 Windbreak/Shelterbelt Establishment (380)

Soil Quality Degradation: Compaction

Access Control (472)
 Access Road (560)
 Alley Cropping (311)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Cover Crop (340)
 Critical Area Planting (342)
 Deep Tillage (324)
 Fence (382)
 Field Border (386)
 Filter Strip (393)
 Forage Harvest Management (511)
 Hedgerow Planting (422)
 Pasture and Hay Planting (512)
 Pest Management (595)
 Residue Mgmt, Mulch Till (345)
 Residue Mgmt-No-Till/Strip Till/Direct S (329)
 Riparian Forest Buffer (391)
 Riparian Herbaceous Cover (390)
 Road/Trail/Landing Closure and Treatment (654)
 Runoff Management System (570)
 Subsurface Drain (606)
 Tree/Shrub Establishment (612)
 Vegetative Treatment Area (635)
 Windbreak/Shelterbelt Establishment (380)

Soil Quality Degradation: Organic Matter Depletion

Access Control (472)
 Alley Cropping (311)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Contour Buffer Strips (332)
 Contour Farming (330)
 Contour Orchard and Other Fruit Area (331)
 Cover Crop (340)
 Critical Area Planting (342)
 Field Border (386)
 Filter Strip (393)

- Forage Harvest Management (511)
- Grassed Waterway (412)
- Hedgerow Planting (422)
- Irrigation Water Management (449)
- Mulching (484)
- Nutrient Management (590)
- Obstruction Removal (500)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Residue Mgmt, Mulch Till (345)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Road/Trail/Landing Closure and Treatment (654)
- Stripcropping (585)
- Terrace (600)
- Tree/Shrub Establishment (612)
- Vegetative Treatment Area (635)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Windbreak/Shelterbelt Establishment (380)
- Water Quality Degradation: Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Groundwater
 - Access Control (472)
 - Alley Cropping (311)
 - Composting Facility (317)
 - Conservation Cover (327)
 - Constructed Wetland (656)
 - Cover Crop (340)
 - Filter Strip (393)
 - Irrigation Pipeline (430)
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