

EQIP Practice List

2013

Benton County, Iowa

NRCS Practice Code	Practice Name	Units	Payment Type <u>1/</u>	Resource Concerns	Practice Service Life <u>2/</u>	Comments
102	Comprehensive Nutrient Management Plan (CNMP) – Written	Number	PR	Soil Condition – Contaminants - Animal Waste and other Organics (N, P, K) Water Quality – Excess Nutrients and Organics in Groundwater and Surface Water	1 yr.	Payment for the development of a CNMP.
104	Nutrient Management-Plan Written	Number	PR	Water Quality – Excess Nutrients and Organics in Groundwater and Surface Water	1 yr.	
106	Forest Management Plan	Number	PR	Plant Condition - Productivity heath & vigor, Noxious and Invasive plants Fish & Wildlife – Inadequate Cover/Shelter, Inadequate Food; T & E Species:	1 yr.	
110	Grazing Management Plan	Number	PR	Plant Condition - Productivity, Health, and Vigor; Forage Quality and Palatability Domestic Animals -Inadequate Quantities and Quality of Feed & Forage Water Quality –Excessive Nutrients and Organics in Surface Water; Excessive Suspended Sediment and Turbidity in Surface Water	1 yr.	
114	Integrated Pest Management Plan	Number	PR	Soil Condition - Contaminants - Residual Pesticides Water Quality – Harmful Levels of Pesticides in Groundwater and Surface Water Plant Condition - Noxious and Invasive Species	1 yr.	
118	Irrigation Water Management - Written	Number	PR	Water Quality – Excess Nutrients and Organics in Groundwater and Surface Water	1 yr.	

130	Drainage Water Management Plan - Written	Number	PR	Water Quality – Excess Nutrients and Organics in Surface Water	1 yr.	
142	Fish and Wildlife Habitat Management Plan	Number	PR	Fish & Wildlife - Inadequate Space; Cover/Shelter; and Food; T & E Species: Declining species, Species of concern	1 yr.	
146	Pollinator Enhancement Management Plan	Number	PR	Fish & Wildlife - Inadequate Space; Cover/Shelter; and Food; T & E Species: Declining species, Species of concern	1 yr.	
154	Integrated Pest Management Herbicide Resistance Weed Conservation Plan	Number	PR	Soil Condition - Contaminants - Residual Pesticides Water Quality – Harmful Levels of Pesticides in Groundwater and Surface Water Plant Condition - Noxious and Invasive Species	1 yr.	
313	Waste Storage Facility	Number	PR	Soil Condition – Contaminants – Animal Waste and other Organics (N, P, & K) Water Quality -Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water	15 yr.	As a component of a CNMP. Payment rate varies on type of storage facility. Maximum of \$50,000. ⁽³⁾
314	Brush Management	Acre	PR	Plant Condition – Productivity, Health, and Vigor, Forage Quality and Palatability, Noxious and Invasive Plants Domestic Animals – Inadequate Quantities and Quality of Feed and Forage Fish & Wildlife - T&E species	10 yr.	Payment rate varies on type of treatment.
316	Animal Mortality Facility	Number	PR	Water Quality – Harmful Level of Pathogens in Surface Waters, Excessive Nutrients and Organics in Groundwater and Surface Water Soil Condition - Contaminant - Animal Waste and Other Organics (N,P)	15 yr.	Payment rate varies on type of mortality facility.

317	Composting Facility	Number	PR	Water Quality -Harmful levels of pathogens in surface water; Excess Nutrients and Organics in Surface Water and Groundwater	15 yr.	Non-mortality composting facility. As a component of a CNMP.
327	Conservation Cover	Acre	PR	Soil Erosion -Sheet and rill & Ephemeral Gully Fish & Wildlife -Inadequate cover/shelter; Inadequate Food; T & E species: Declining species, species of concern	5 yr.	
328	Conservation Crop Rotation	Acre	PR	Soil Erosion – Sheet & rill, ephemeral gully Water Quality – Excessive Suspended Sediment and Turbidity in Surface Water. Soil Condition – Organic Matter Depletion Air Quality - Chemical Drift	1 yr.	Initiative for producers who are transitioning from intensive row crop to rotations that include perennial production. Restricted to producers who are organic or transitioning to organic. Payment will be eligible once a perennial crop is seeded.
329	Residue Management – No till/strip till	Acre	PR	Soil Erosion – Sheet & rill, ephemeral gully Soil Condition – Organic Matter Depletion, Compaction. Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	1 yr.	\$4,500 maximum per participant lifetime, \$6,750 per Historically Underserved participant lifetime. Not eligible if they have received or are receiving a payment from another financial program.
330	Contour Farming	Acre	PR	Soil Erosion – Sheet/Rill and Ephemeral Gully Soil Condition – Damage from Sediment Deposition Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	5 yr.	Annual payment for a 3 year period.
332	Contour Buffer Strips	Acre	PR	Soil Erosion – Sheet/Rill, Ephemeral Gully Soil Condition – Damage from Sediment Deposition; Water Quality - Excessive Nutrients and Organics in Surface Water, Excessive Suspended Sediment and Turbidity in Surface Water	5 yr.	Payment is for acres that are treated.

338	Prescribed Burning	Acre	PR	<p>Plant Condition-Productivity health and vigor; Noxious and invasive plants</p> <p>Fish & Wildlife-Inadequate Cover/Shelter; Food; and Space</p>	1 yr.	
340	Cover Crop	Acre	PR	<p>Soil Erosion – Sheet/Rill and Ephemeral Gully</p> <p>Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water, Excess Nutrients and Organics in Surface Water</p> <p>Soil Condition – Organic Matter Depletion</p>	1 yr.	<p>Non-Construction Site. Payment rate varies on type of cover. Maximum of \$2000 for participants, and \$3500 for HU participants. ⁽³⁾</p>
340	Cover Crop	Acre	PR	<p>Soil Erosion – Sheet/Rill and Ephemeral Gully</p> <p>Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water, Excess Nutrients and Organics in Surface Water</p> <p>Soil Condition – Organic Matter Depletion</p>	1 yr.	<p>Livestock Use: Non-Construction Site. If the cover crop is used as a livestock feed source, the maximum payment is \$4000 for participants and \$7000 for HU participants. ⁽³⁾</p>
342	Critical Area Planting	Acre	PR	<p>Soil Erosion – Sheet/Rill, Ephemeral Gully, and Classic Gully</p> <p>Soil Condition – Damage from Sediment Deposition</p> <p>Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water</p>	10 yr.	<p>Stabilize areas where vegetation is difficult to establish. This is used on structural practices after construction. Payment rate varies on type of seeding.</p>
350	Sediment Basin	Number	PR	<p>Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water</p>	20 yr.	
362	Diversion	Feet	PR	<p>Soil Erosion – Sheet/Rill, Ephemeral Gully, and Classic Gully</p> <p>Water Quantity – Excessive Runoff, Flooding, or Ponding</p> <p>Water Quality - Excessive</p>	10 yr.	

				Suspended Sediment and Turbidity in Surface Water		
366	Anaerobic Digester	Number	PR	Water Quality – Excess Nutrients and Organics in Surface Water, Harmful Levels of Pathogens in Surface Water	25 yr.	Maximum of \$50,000. ⁽³⁾
367	Roofs and Covers	Number	PR	Air Quality – Objectionable Odors Water Quality -Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water	10 yr.	As a component of CNMP Maximum of \$50,000. ⁽³⁾
371	Air Filtration and Scrubbing	Acre	PR	Air Quality – Objectionable Odors, PM 2.5, PM 10, Harmful levels of Greenhouse Gas NH ₃ , CH ₄	10 yr.	Payment for adding odor Mitigating Biofilters to agriculture confinement fans.
378	Pond	Number	PR	Domestic Animals – Inadequate Stock Water; Stress and Mortality Water Quality – Excess Nutrients and Organics in Surface Water Soil Erosion - Classic Gully	20 yr.	Practice is for livestock water in a grazing system only. Includes payment for all components of a pond. Also used in combination with 382-Fence and 342-Critical Area Planting.
380	Windbreak/Shelterbelt Establishment	Feet	PR	Air Quality – Undesirable Air Movement, Objectionable Odors and Adverse Air Temperature Fish & Wildlife -Inadequate Cover/Shelter; Inadequate Food	15 yr.	Payment rate varies on type of windbreak (field or shelterbelt).
382	Fence	Feet	PR	Domestic Animals -Inadequate Quantities and Quality of Feed and Forage; Stress and Mortality, Inadequate Shelter Plant Condition -Forage quality and palatability; Productivity, Health, and Vigor	20 yr.	To be used only for prescribed grazing systems or use exclusion practice; interior fences only; payment rate varies on type of fence.
386	Field Border	Feet	PR	Soil Erosion – Sheet/Rill and Ephemeral Gully Soil Condition – Damage from	10 yr.	

				Sediment Deposition Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water		
391	Riparian Forest Buffer	Acre	PR	Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water; Excessive Nutrients and Organics in Surface Water Soil Erosion – Streambank Air Quality – Excessive Greenhouse Gas – CO2 Fish & Wildlife - Inadequate cover/shelter	15 yr.	Woodland Stewardship Plan required.
393	Filter Strip	Acre	PR	Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water, Excess Nutrients and Organics in Surface Water. Harmful Levels of Pathogens in Surface Water	10 yr.	
395	Stream Habitat Improvement and Management	Acre	PR	Soil Erosion – Streambank Fish & Wildlife - Inadequate Cover/Shelter, Inadequate Food, Inadequate Space Water Quality – Excessive Sediment & Turbidity in Surface Water	5 yr.	
410	Grade Stabilization Structure	Number	PR	Soil Erosion -Classic gully & Streambank Water Quality –Excessive Suspended Sediment and Turbidity in Surface Water	15 yr.	Payment rate varies on type of structure.
412	Grassed Waterway	Acre	PR	Soil Erosion – Ephemeral Gully and Classic Gully Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	Practice may be used in combination with 606-subsurface drain and 342-critical area planting. Payment does cover fabric installed in waterway. Payment rate varies on width of waterway.
468	Lined Waterway Outlet	Feet	PR	Soil Erosion – Ephemeral Gully and Classic Gully Water Quality - Excessive	15 yr.	

				Suspended Sediment and Turbidity in Surface Water		
472	Access Control	Acre	PR	Soil Erosion - Classic Gully & Streambank Water Quality - Excessive Suspended Sediment & Turbidity in Surface Water; Excess Nutrients and Organics in Surface Water, Harmful levels of Pathogens in Surface water	10 yr.	Exclusion of livestock from woodlands, ponds, and intermittent streams (3 dot blue line streams on USGS Topo maps) and larger. Area must be fenced. Annual payment for 3 years maximum.
484	Mulching	Acre	PR	Soil Erosion - Classic Gully; Ephemeral Gully, & Sheet & Rill	1 yr.	
490	Tree/Shrub Site Preparation	Acre	PR	Fish and Wildlife -T&E Species Plant Condition –Productivity, Health and Vigor, Noxious and Invasive Species	1 yr.	Woodland Stewardship Plan required.
511	Forage Harvest Management	Acre	PR	Soil Condition – Compaction Fish & Wildlife –Habitat Fragmentation Plant Condition – Forage Quality and Palatability, Productivity, health and vigor; Noxious and Invasive Species.	1 yr.	
512	Forage and Biomass Planting	Acre	PR	Domestic Animals – Inadequate Quantities and Quality of Feed and Forage Plant Condition – Productivity Health and Vigor; Forage Quality and Palatability. Soil Erosion -Sheet & rill Water Quality – Excessive Suspended Sediment & Turbidity in Surface Water	5 yr.	Converting cropland or renovation of hayland. Used for both cool and warm season grasses.

				Domestic Animals -Inadequate stock water; Stress and Mortality Plant Condition – Productivity Health and Vigor; Forage Quality and Palatability		For livestock watering only. Payment rate varies on type of installation of the pipeline.
516	Livestock Pipeline	Feet	PR		20 yr.	
528	Prescribed Grazing	Acre	PR	Plant Condition - Productivity, Health, and Vigor; Forage Quality and Palatability Domestic Animals -Inadequate Quantities and Quality of Feed & Forage Water Quality –Excessive Nutrients and Organics in Surface Water; Excessive Suspended Sediment and Turbidity in Surface Water	1 yr.	A one-time payment made after all associated grazing practices are installed. Payment rate varies on number of paddocks.
533	Pumping Plant	Number	PR	Domestic Animals – Inadequate Stock Water; Stress and Mortality, Plant Condition – Productivity, Health, and Vigor	15 yr.	For livestock practices only.
554	Drainage Water Management	Acre	PR	Water Quality -Excessive nutrients and organics in surface water	1 yr.	
558	Roof Runoff Structure	Number	PR	Water Quality –Excess Nutrients and Organics in Surface Water and Groundwater	15 yr.	Payment rate based on sq ft of roof.
561	Heavy Use Protection	Acre	PR	Soil Erosion -Sheet & rill; Ephemeral Gully; and Streambank Water Quality –Excessive Suspended Sediment and Turbidity in Surface Water; Excessive levels of Pathogens in Surface Water	10 yr.	For protection of livestock feeding and watering areas in a grazing system (includes Winter Feeding Stations). Payment rate varies on type of installation.
574	Spring Development	Number	PR	Domestic Animals -Inadequate Stock Water, Inadequate Quantities and Quality of Feed &	20 yr.	Watering system for livestock only.

				Forage Plant Condition – Productivity, Health, & Vigor; Forage Quality and Palatability		
578	Stream Crossing	Number	PR	Soil Erosion -Streambank Water Quality -Excessive Suspended Sediment and Turbidity in Surface Water, Domestic Animals – Inadequate Stock Water, Inadequate Quality and Quantities of Feed and Forage, Stress and Mortality	10 yr.	
580	Streambank and Shoreline Protection	Feet	PR	Soil Erosion -Streambank Water Quality -Excessive Suspended Sediment and Turbidity in Surface Water; Excess Nutrients and Organics in Surface Water Fish & Wildlife - Inadequate cover/shelter, T&E species	20 yr.	Restricted to protection of cropland, shorelines, and historical, archaeological, and traditional cultural properties, or to improve or enhance the stream corridor for fish and wildlife habitat.
585	Stripcropping	Acre	PR	Soil Erosion – Sheet/Rill and Ephemeral Gully Soil Condition – Damage from Sediment Deposition, Org. Matter Depletion Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	5 yr.	Annual payment for a 3 year period.
587	Structure for Water Control	Number	PR	Fish & Wildlife – Inadequate Cover/Shelter, Inadequate Food, T & E Species, Iadequate Water	20 yr.	
590	Nutrient Management	Acre	PR	Soil Condition – Contaminants - Animal Waste and Other Organics (N, P, K) Water Quality – Excess and Nutrients and Organics in Groundwater, Excess Nutrients and Organics in Surface Water	1 yr.	Limit of \$5,000 per participant, and \$6,250 per HU participant.

591	Amendments for the Treatment of Agricultural Waste	AU	PR	Air Quality – Objectionable Odors, PM 2.5, PM 10, Excessive Greenhouse Gas (CO2, CH4)	1 yr.	
595	Pest Management	Acre	PR	Soil Condition - Contaminants - Residual Pesticides Water Quality – Harmful Levels of Pesticides in Groundwater and Surface Water Plant Condition - Noxious and Invasive Species	1 yr.	Limit of \$7,500 per participant, and \$11,250 per HU participant.
600	Terrace	Feet	PR	Soil Erosion – Sheet/Rill, Ephemeral Gully Soil Condition – Damage from Sediment Deposition Water Quantity – Excessive Runoff, Flooding, or Ponding Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	This practice may be used in combination with 620-Underground outlet and 342-Critical Area Planting. Payment rate varies on type of terrace system.
606	Subsurface Drain	Feet	PR	Soil Erosion - Sheet & Rill, Ephemeral Gully; and Classic Gully Water Quantity – Excessive Seepage Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	20 yr.	Can only be used when required in combination with another practice on this list. When used in combination with a grassed waterway, payment is limited to no more than the amount needed to maintain the grassed waterway. The maximum size for cost share assistance when used in combination with a grassed waterway is 6 inch diameter tile. Payment rate varies on size of tile.
612	Tree/Shrub Establishment	Acre	PR	Fish & Wildlife –Inadequate Cover/Shelter; Inadequate Food Soil Erosion – Wind Air Quality – Adverse Air Temperature, Excessive Greenhouse Gas (CO2)	15 yr.	Woodland Stewardship Plan required.
614	Watering Facility	Number	PR	Plant Condition – Productivity, Health, & Vigor, Forage Quality	20 yr.	Used for watering of livestock as part of a grazing system only.

				and Palatability Domestic Animals – Inadequate Quality and Quantities of Feed and Forage, Inadequate Stock Water, Stress and Mortality		Payment rate varies on type of facility.
620	Underground Outlet	Feet	PR	Soil Erosion - Sheet & Rill; Ephemeral Gully, Classic Gully Water Quality –Excessive Suspended Sediment and Turbidity in Surface Water Soil Condition – Damage from Soil Deposition	20 yr.	Practice is used in combination with 600-Terraces and 638-Water and Sediment Control Basins. Includes payment for intakes, tile, and tile outlet as required by the job. Payment rate varies on size of tile.
632	Solid/Liquid Waste Separation Facility	Number	PR	Water Quality -Excessive Nutrients & Organics in Surface Water, Harmful Level of Pathogens in Surface Waters Soil Condition -Contamination - Animal Waste and Other Organics (N, P, & K)	15 yr.	As a component of a CNMP. Maximum of \$50,000. ⁽³⁾
634	Waste Transfer	Number	PR	Water Quality – Excess Nutrients and Organics in Groundwater and Surface Water	15 yr.	As a component of a CNMP
635	Vegetated Treatment Area	Acre	PR	Water Quality – Harmful Levels of Pathogens in Surface Water, Excess Nutrients and Organics in Surface Water	10 yr.	As a component of a CNMP
638	Water and Sediment Control Basin	Number	PR	Soil Erosion – Ephemeral Gully and Classic Gully Soil Condition – Damage from Sediment Deposition Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	Payment rate varies on size of the drainage area.
642	Water Well	Number	PR	Plant Condition – Productivity, Health, & Vigor, Forage Quality and Palatability Domestic Animals – Inadequate Quality and Quantities of Feed and Forage, Inadequate Stock Water, Stress and Mortality	20 yr.	Well for livestock water. Maximum depth of 400 feet.
643	Restoration & Management	Acre	PR	Fish & Wildlife -Inadequate	1 yr.	To be used in conjunction with a

	of Declining Habitat			Cover/Shelter, Food, Space, T&E Species, Habitat Fragmentation		wildlife habitat management plan.
644	Wetland Wildlife Habitat Management	Acre	PR	Fish & Wildlife – Inadequate Space; Cover/Shelter; Water, T&E Species, and Food	1 yr.	To be used in conjunction with a wildlife habitat management plan.
645	Upland Wildlife Habitat Management	Acre	PR	Fish & Wildlife -Inadequate Cover/Shelter, Food, Space, T&E Species, Habitat Fragmentation	1 yr.	To be used in conjunction with a wildlife habitat management plan.
646	Shallow Water Development and Management	Acre	PR	Fish & Wildlife -Inadequate Cover/Shelter, Food, Space, T&E Species, Habitat Fragmentation	5 yr.	
647	Early Successional Habitat Development Management	Acre	PR	Fish & Wildlife -Inadequate Cover/Shelter, Food, Space, T&E Species, Habitat Fragmentation	1 yr.	Payment rate varies on type of treatment.
650	Windbreak/Shelterbelt Renovation	Acre	PR	Air Quality – Undesirable Air Movement, Objectionable Odors and Adverse Air Temperature Fish & Wildlife – Inadequate Cover/Shelter Plant Condition – Productivity, Health, and Vigor	15 yr.	
656	Constructed Wetland	Acre	PR	Water Quality – Excessive levels of Pathogens in Surface Water; Excess Nutrients and Organics in Surface Water	15 yr.	
657	Wetland Restoration	Acre	PR	Fish & Wildlife – Inadequate Space; Cover/Shelter; and Food Water Quality – Excessive Nutrients and Organics in Surface Water and Excessive Suspended Sediment and Turbidity in Surface Water	15 yr.	Payment rate varies on type of restoration.
658	Wetland Creation	Acre	PR	Fish & Wildlife – Inadequate Space; Cover/Shelter; and Food Water Quality – Excessive Nutrients and Organics in Surface Water and Excessive Suspended Sediment and Turbidity in Surface Water	15 yr.	Payment rate varies on type of wetland creation.
659	Wetland Enhancement	Acre	PR	Fish & Wildlife – Inadequate	15 yr.	

				Space; Cover/Shelter; and Food Water Quality – Excessive Nutrients and Organics in Surface Water and Excessive Suspended Sediment and Turbidity in Surface Water		
666	Forest Stand Improvement	Acre	PR	Plant Condition - Productivity heath & vigor, Noxious and Invasive plants Fish & Wildlife – Inadequate Cover/Shelter, Inadequate Food; T & E Species:	10 yr.	Woodland Stewardship Plan required. Payment rate varies on type of operation and/or treatment.
747	Denitrifying Bioreactor	Acre	PR	Water Quality – Excessive Nutrients and Organics in Surface Water Soil Condition - Contaminants - Animal Waste and Other Organics (N), Commercial Fertilizer (N)	10 yr.	
798	Seasonal High Tunnel System for Crops	Square Feet	PR	Plant Condition – Productivity, Health, and Vigor Soil Erosion – Sheet and Rill	4 yr.	
799	Monitoring and Evaluation	Number	PR	Water Quality – Excessive Nutrients and Organics in Groundwater and Surface Water, Excessive Suspended Sediment and Turbidity in Surface Water	1 yr.	
911	<i>Technical Assistance Design</i>	Number	<i>100% AM</i>	Soil Erosion/Water Quality	----	<i>Reimbursement of conservation design activities by a Technical Service Provider (TSP).</i>
912	<i>Technical Assistance Application</i>	Number	<i>100% AM</i>	Soil Erosion/Water Quality	----	<i>Reimbursement of conservation application activities by a Technical Service Provider (TSP).</i>
913	<i>Technical Assistance Checkout</i>	Number	<i>100% AM</i>	Soil Erosion/Water Quality	----	<i>Reimbursement of conservation installation activities by a Technical Service Provider (TSP).</i>

1/ Payment Schedule Type: PR – Payment amount per unit of practice applied, rates available at local NRCS office.

AM – The actual cost not to exceed a specified maximum cost.

- Historically Underserved clients receive a higher payment rate.

2/ Length of time the practice is to be maintained.

3/ Payment maximum only applies to Benton County Subaccounts.

10/1/2012