

EQIP Practice List

2012

Delaware 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 provided by a Technical Service Provider
104	Nutrient Management-Plan Written	Number	PR	Water Quality – Excess Nutrients and Organics in Groundwater and Surface Water	1 yr.	MRBI Only
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 CNMP. MRBI Payment cap for 313 is \$150,000
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	1 yr.	As a component of Prescribed Grazing.
316	Animal Mortality Facility	Number	PR	Water Quality – Harmful Level of Pathogens in Surface Waters, Excessive Nutrients and Organics in Groundwater and Surface Water	15 yr.	
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.	As a component of CNMP
327	Conservation Cover	Acre	PR	Soil Erosion -Sheet and rill & Ephemeral Gully Fish & Wildlife -Inadequate cover/shelter; Inadequate Food; T	5 yr.	For the Summer Construction Site Cover option. Summer Construction: Construction must occur between June 15 and October

				& E species: Declining species, species of concern		15. Payment may not be made until construction is complete. Onetime payment.
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 that are transitioning from intensive row crop to rotations that include perennial production.
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.	When no-till or strip till is scheduled for more than one year, the scheduled years must run consecutively. Payment-rate per acre per year for 3 years
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.	
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. Onetime payment.
338	Prescribed Burning	Acre	PR	Plant Condition -Productivity health and vigor; Noxious and invasive plants Fish & Wildlife -Inadequate Cover/Shelter; Food; and Space	1 yr.	
340	Cover Crop	Acre	PR	Soil Erosion – Sheet/Rill and Ephemeral Gully Water Quality - Excessive	1 yr.	

				Suspended Sediment and Turbidity in Surface Water, Excess Nutrients and Organics in Surface Water Soil Condition – Organic Matter Depletion		
342	Critical Area Planting	Acre	PR	Soil Erosion – Sheet/Rill, Ephemeral Gully, and Classic Gully Soil Condition – Damage from Sediment Deposition Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	
346	Residue and Tillage Management (Ridge Till)	Acre	PR	Soil Erosion – Sheet & rill Soil Condition – Organic Matter Depletion Air Quality – PM 2.5	1 yr.	When ridge till is scheduled for more than one year, the scheduled years must run consecutively. Payment-rate per acre per year for 3 years
350	Sediment Basin	Number	PR	Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	20 yr.	
356	Dike	Feet	PR	Fish & Wildlife – Inadequate Water	20 yr.	
359	Waste Treatment Lagoon	Number	PR	Soil Condition – Contaminants - Animal Waste and Other Organics (N, P, K) Water Quality – Excess Nutrients and Organics in Groundwater, Excess Nutrients and Organics in Surface Water	15 yr.	As a component of CNMP
362	Diversion	Feet	PR	Soil Erosion – Sheet/Rill, Ephemeral Gully, and Classic Gully Water Quantity – Excessive Runoff, Flooding, or Ponding Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	As a component of CNMP
371	Air Filtration and Scrubbing	Acre	PR	Air Quality – Objectionable Odors, PM 2.5, PM 10, Harmful	10 yr.	Payment for adding odor mitigating Biofilters to agricultural

				levels of Greenhouse Gas NH3, CH4		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.	Watering source for livestock: Payment rate varies based on type of inlet.
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.	
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.	Permanent interior fences required for rotational grazing or livestock exclusion. No property line fences. As a component of prescribed grazing. Does not include polywire.
386	Field Border	Feet	PR	Soil Erosion – Sheet/Rill and Ephemeral Gully Soil Condition – Damage from Sediment Deposition Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	
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.	
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	10 yr.	

				Pathogens in Surface Water		
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.	All elements of technician’s or engineer’s cost estimate are eligible for payment.
412	Grassed Waterway	Acre	PR	Soil Erosion – Ephemeral Gully and Classic Gully Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	Includes fabric checks and/or rock checks.
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. Area must be fenced.
484	Mulching	Acre	PR	Soil Erosion - Classic Gully; Ephemeral Gully, & Sheet & Rill	1 yr.	
490	Forest 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	5 yr.	Converting cropland or renovation of hayland. Used for both cool and warm season grasses. .

				Plant Condition – Productivity Health and Vigor; Forage Quality and Palatability. Soil Erosion -Sheet & rill Water Quality – Excessive Suspended Sediment & Turbidity in Surface Water		
516	Pipeline	Feet	PR	Domestic Animals -Inadequate stock water; Stress and Mortality Plant Condition – Productivity Health and Vigor; Forage Quality and Palatability	20 yr.	As a Component of Prescribed Grazing.
521A	Pond Sealing or Lining, Flexible Membrane	Number	PR	Water Quality – Excess Nutrients and Organics in Groundwater and Surface Water	20 yr.	
521B	Pond Sealing or Lining, Soil Dispersant	Number	PR	Water Quality – Excess Nutrients and Organics in Groundwater and Surface Water	15 yr.	
521C	Pond Sealing or Lining, Betonies Sealant	Number	PR	Water Quality – Excess Nutrients and Organics in Groundwater and Surface Water	15 yr.	
521D	Pond Sealing or Lining, Compacted Clay Treatment	Number	PR	Water Quality – Harmful Levels of Pathogens in Groundwater	15 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 onetime payment made in the FY after all associated grazing practices are installed and the 528 standard is met.
533	Pumping Plant	Number	PR	Domestic Animals – Inadequate Stock Water; Stress and Mortality, Plant Condition – Productivity, Health, and Vigor	15 yr.	As a Component of Prescribed Grazing.
558	Roof Runoff Structure	Number	PR	Water Quality –Excess Nutrients and Organics in Surface Water and Groundwater	15 yr.	As a component of CNMP (Rain Gutters)

561	Heavy Use Protection	Acre	PR	Soil Erosion -Sheet & rill; Ephemeral Gully; and Streambank Water Quality -Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	
574	Spring Development	Number	PR	Domestic Animals -Inadequate Stock Water, Inadequate Quantities and Quality of Feed & Forage Plant Condition – Productivity, Health, & Vigor; Forage Quality and Palatability	20 yr.	As a Component of Prescribed Grazing.
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.	
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.	One time payment.
587	Structure for Water Control	Number	PR	Fish & Wildlife – Inadequate Cover/Shelter, Inadequate Food, T & E Species, Inadequate Water	20 yr.	
590	Nutrient Management	Acre	PR	Soil Condition – Contaminants - Animal Waste and Other	1 yr.	See Nutrient Management Intensity Options

				Organics (N, P, K) Water Quality – Excess and Nutrients and Organics in Groundwater, Excess Nutrients and Organics in Surface Water		
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.	
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.	
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.
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 and Palatability Domestic Animals – Inadequate	20 yr.	Used for watering of livestock grazing system only.

				Quality and Quantities of Feed and Forage, Inadequate Stock Water, Stress and Mortality		
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.	Includes intakes, tile, fittings and outlet pipe.
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 CNMP
634	Waste Transfer	Number	PR	Water Quality – Excess Nutrients and Organics in Groundwater and Surface Water	1 yr.	As a component of 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 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.	
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.	As a Component of Prescribed Grazing.
643	Restoration & Management of Declining Habitat	Acre	PR	Fish & Wildlife -Inadequate Cover/Shelter, Food, Space, T&E Species, Habitat Fragmentation	1 yr.	
644	Wetland Wildlife Habitat	Acre	PR	Fish & Wildlife – Inadequate	1 yr.	

	Management			Space; Cover/Shelter; Water, T&E Species, and Food		
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.
647	Early Successional Habitat Development Management	Acre	PR	Fish & Wildlife -Inadequate Cover/Shelter, Food, Space, T&E Species, Habitat Fragmentation	1 yr.	
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.	
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.	
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.	
659	Wetland Enhancement	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.	
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.

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>	<i>Soil Erosion/Water Quality</i>	----	<i>Reimbursement of conservation design activities by a Technical Service Provider (TSP).</i>
912	<i>Technical Assistance Application</i>	Number	<i>100% AM</i>	<i>Soil Erosion/Water Quality</i>	----	<i>Reimbursement of conservation application activities by a Technical Service Provider (TSP).</i>
913	<i>Technical Assistance Checkout</i>	Number	<i>100% AM</i>	<i>Soil Erosion/Water Quality</i>	----	<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.
- The maximum EQIP payment a participant will receive for a waste facility (practice codes 313 and 632) is \$90,000. MRBI is excluded from the \$90,000 maximum payment limit.

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

09/12/2011