

## EQIP Practice List

2013

Buchanan 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	<b>Soil Condition</b> – Contaminants - Animal Waste and other Organics (N, P, K) <b>Water Quality</b> – Excess Nutrients and Organics in Groundwater and Surface Water	1 yr.	
313	Waste Storage Facility	Number	PR	<b>Soil Condition – Contaminants</b> – Animal Waste and other Organics (N, P, & K) <b>Water Quality</b> -Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water	15 yr.	As a component of CNMP
314	Brush Management	Acre	PR	<b>Plant Condition</b> – Productivity, Health, and Vigor, Forage Quality and Palatability, Noxious and Invasive Plants <b>Domestic Animals</b> – Inadequate Quantities and Quality of Feed and Forage <b>Fish &amp; Wildlife</b> - T&E species	1 yr.	
316	Animal Mortality Facility	Number	PR	<b>Water Quality</b> – Harmful Level of Pathogens in Surface Waters, Excessive Nutrients and Organics in Groundwater and Surface Water	15 yr.	
327	Conservation Cover	Acre	PR	<b>Soil Erosion</b> -Sheet and rill & Ephemeral Gully <b>Fish &amp; Wildlife</b> -Inadequate cover/shelter; Inadequate Food; T & E species: Declining species, species of concern	5 yr.	
328	Conservation Crop Rotation	Acre	PR	<b>Soil Erosion</b> – Sheet & rill, ephemeral gully <b>Water Quality</b> – Excessive Suspended Sediment and Turbidity in Surface Water.	1 yr.	Initiative for producers that are transitioning from intensive row crop to rotations that include perennial production.

				<b>Soil Condition</b> – Organic Matter Depletion <b>Air Quality</b> - Chemical Drift		
329	Residue Management – No till/strip till	Acre	PR	<b>Soil Erosion</b> – Sheet & rill, ephemeral gully <b>Soil Condition</b> – Organic Matter Depletion, Compaction. <b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water	1 yr.	
330	Contour Farming	Acre	PR	<b>Soil Erosion</b> – Sheet/Rill and Ephemeral Gully <b>Soil Condition</b> – Damage from Sediment Deposition <b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water	5 yr.	Annual payment for a 3 year period.
340	Cover Crop	Acre	PR	<b>Soil Erosion</b> – Sheet/Rill and Ephemeral Gully <b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water, Excess Nutrients and Organics in Surface Water <b>Soil Condition</b> – Organic Matter Depletion	1 yr.	
342	Critical Area Planting	Acre	PR	<b>Soil Erosion</b> – Sheet/Rill, Ephemeral Gully, and Classic Gully <b>Soil Condition</b> – Damage from Sediment Deposition <b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	
346	Residue and Tillage Management (Ridge Till)	Acre	PR	<b>Soil Erosion</b> – Sheet & rill <b>Soil Condition</b> – Organic Matter Depletion <b>Air Quality</b> – PM 2.5	1 yr.	
367	Roofs and Covers	Number	PR	<b>Air Quality</b> – Objectionable Odors <b>Water Quality</b> -Excessive Nutrients and Organics in Surface	10 yr.	As a component of CNMP

				Water; Excessive levels of Pathogens in Surface Water		
378	Pond	Number	PR	<b>Domestic Animals</b> – Inadequate Stock Water; Stress and Mortality <b>Water Quality</b> – Excess Nutrients and Organics in Surface Water <b>Soil Erosion</b> - Classic Gully	20 yr.	Watering source for livestock: Payment rate varies based on type of inlet.
382	Fence	Feet	PR	<b>Domestic Animals</b> -Inadequate Quantities and Quality of Feed and Forage; Stress and Mortality, Inadequate Shelter <b>Plant Condition</b> -Forage quality and palatability; Productivity, Health, and Vigor	20 yr.	Permanent interior fences required for rotational grazing or livestock exclusion. No property line fences.
410	Grade Stabilization Structure	Number	PR	<b>Soil Erosion</b> -Classic gully & Streambank <b>Water Quality</b> –Excessive Suspended Sediment and Turbidity in Surface Water	15 yr.	
412	Grassed Waterway	Acre	PR	<b>Soil Erosion</b> – Ephemeral Gully and Classic Gully <b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	
449	Irrigation Water Management	Acre	PR	<b>Water Quality</b> -Excessive nutrients and organics in ground & surface water <b>Water Quantity</b> -Inefficient water use on Irrigated Land	1 yr.	
512	Forage and Biomass Planting	Acre	PR	<b>Domestic Animals</b> – Inadequate Quantities and Quality of Feed and Forage <b>Plant Condition</b> – Productivity Health and Vigor; Forage Quality and Palatability. <b>Soil Erosion</b> -Sheet & rill <b>Water Quality</b> – Excessive Suspended Sediment & Turbidity in Surface Water	5 yr.	Converting cropland or renovation of hayland. Used for both cool and warm season grasses. .
516	Livestock Pipeline	Feet	PR	<b>Domestic Animals</b> -Inadequate stock water; Stress and Mortality	20 yr.	

				<b>Plant Condition</b> – Productivity Health and Vigor; Forage Quality and Palatability		
528	Prescribed Grazing	Acre	PR	<b>Plant Condition</b> - Productivity, Health, and Vigor; Forage Quality and Palatability <b>Domestic Animals</b> -Inadequate Quantities and Quality of Feed & Forage <b>Water Quality</b> –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.
554	Drainage Water Management	Acre	PR	<b>Water Quality</b> -Excessive nutrients and organics in surface water	1 yr.	
558	Roof Runoff Structure	Number	PR	<b>Water Quality</b> –Excess Nutrients and Organics in Surface Water and Groundwater	15 yr.	
580	Streambank and Shoreline Protection	Feet	PR	<b>Soil Erosion</b> -Streambank <b>Water Quality</b> –Excessive Suspended Sediment and Turbidity in Surface Water; Excess Nutrients and Organics in Surface Water <b>Fish &amp; Wildlife</b> - Inadequate cover/shelter, T&E species	20 yr.	
590	Nutrient Management	Acre	PR	<b>Soil Condition</b> – Contaminants - Animal Waste and Other Organics (N, P, K) <b>Water Quality</b> – Excess and Nutrients and Organics in Groundwater, Excess Nutrients and Organics in Surface Water	1 yr.	
600	Terrace	Feet	PR	<b>Soil Erosion</b> – Sheet/Rill, Ephemeral Gully <b>Soil Condition</b> – Damage from Sediment Deposition <b>Water Quantity</b> – Excessive Runoff, Flooding, or Ponding <b>Water Quality</b> - Excessive	10 yr.	

				Suspended Sediment and Turbidity in Surface Water		
606	Subsurface Drain	Feet	PR	<p><b>Soil Erosion</b> - Sheet &amp; Rill, Ephemeral Gully; and Classic Gully</p> <p><b>Water Quantity</b> – Excessive Seepage</p> <p><b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water</p>	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.
614	Watering Facility	Number	PR	<p><b>Plant Condition</b> – Productivity, Health, &amp; Vigor, Forage Quality and Palatability</p> <p><b>Domestic Animals</b> – Inadequate Quality and Quantities of Feed and Forage, Inadequate Stock Water, Stress and Mortality</p>	20 yr.	Used for watering of livestock grazing system only.
620	Underground Outlet	Feet	PR	<p><b>Soil Erosion</b> - Sheet &amp; Rill; Ephemeral Gully, Classic Gully</p> <p><b>Water Quality</b>–Excessive Suspended Sediment and Turbidity in Surface Water</p> <p><b>Soil Condition</b> – Damage from Soil Deposition</p>	20 yr.	
632	Solid/Liquid Waste Separation Facility	Number	PR	<p><b>Water Quality</b>-Excessive Nutrients &amp; Organics in Surface Water, Harmful Level of Pathogens in Surface Waters</p> <p><b>Soil Condition -Contamination</b> - Animal Waste and Other Organics (N, P, &amp; K)</p>	15 yr.	As a component of CNMP
635	Vegetated Treatment Area	Acre	PR	<p><b>Water Quality</b> – Harmful Levels of Pathogens in Surface Water, Excess Nutrients and Organics in Surface Water</p>	10 yr.	As a component of CNMP
638	Water and Sediment Control Basin	Number	PR	<p><b>Soil Erosion</b> – Ephemeral Gully and Classic Gully</p> <p><b>Soil Condition</b> – Damage from Sediment Deposition</p>	10 yr.	

				<b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water		
798	Seasonal High Tunnel System for Crops	Square Feet	PR	<b>Plant Condition</b> – Productivity, Health, and Vigor <b>Soil Erosion</b> – Sheet and Rill	4 yr.	
911	<i>Technical Assistance Design</i>	Number	<i>100% AM</i>	<b>Soil Erosion/Water Quality</b>	----	<i>Reimbursement of conservation design activities by a Technical Service Provider (TSP).</i>
912	<i>Technical Assistance Application</i>	Number	<i>100% AM</i>	<b>Soil Erosion/Water Quality</b>	----	<i>Reimbursement of conservation application activities by a Technical Service Provider (TSP).</i>
913	<i>Technical Assistance Checkout</i>	Number	<i>100% AM</i>	<b>Soil Erosion/Water Quality</b>	----	<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.

10/03/2012