

## EQIP Practice List

2013

Calhoun, Iowa

NRCS Practice Code	Practice Name	Units	Payment Type <u>1/</u>	Resource Concerns	Practice Service Life <u>2/</u>	Comments
472	Access Control	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water  Soil Erosion- Sheet; Rill; Classic Gully; Ephemeral Gully  Fish & Wildlife-Inadequate Cover/Shelter	10 yr.	Exclusion of livestock from woodlands, ponds, and intermittent streams (3 dot blue line streams on USGS Topo maps) and larger.
309	Agrichemical Handling Facility	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater	15 yr.	
371	Air Filtration and Scrubbing	Number	Payment Rate	Air Quality –Objectionable Odors	10 yr	Payment for adding odor Mitigating Biofilters to agriculture confinement fans.
316	Animal Mortality Facility	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater  Air Quality –Objectionable Odors	15 yr.	
366	Anaerobic Digester	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water  Air Quality –Objectionable Odors	25 yr.	
314	Brush Management	Acre	Payment Rate	Domestic Animals- Inadequate Quantities and Quality of Feed and Forage  Plant Condition-Productivity, Health, & Vigor; Forage Quality and Palatability; Noxious and Invasive Species  Fish & Wildlife-Inadequate Cover/Shelter	10 yr.	

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317	Composting Facility	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater  Air Quality –Objectionable Odors	15 yr.	As a Component of the CNMP
102	Comprehensive Nutrient Management Plan (CNMP) – written	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater	----	CNMP Incentive or Payment for a Technical Service Provider to develop a CNMP.
104	Nutrient Management Plan Written	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater	1 yr.	Payment for a Technical Service Provider to develop a Nutrient Management Plan.
327	Conservation Cover	Acre	Payment Rate	Soil Erosion- Sheet; Rill; Classic Gully; Ephemeral Gully  Fish & Wildlife-Inadequate Cover/Shelter	5 yr.	
328	Conservation Crop Rotation	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water  Soil Erosion- Sheet; Rill; Classic Gully; Ephemeral Gully  Energy – Inefficient Energy Use; Farming& Ranching Practices and Field Operations  Fish & Wildlife-Inadequate Cover/Shelter	1 yr.	Initiative for producers that are transitioning from intensive row crop into rotations that includes perennial production.
340	Cover Crop	Acre	Payment Rate	Soil Erosion- Sheet; Rill; Classic Gully; Ephemeral Gully  Plant Condition-Productivity, Health, & Vigor  Energy – Inefficient Energy Use; Farming& Ranching	1 yr.	Practice is available for 3 consecutive years.

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				Practices and Field Operations Fish & Wildlife-Inadequate Cover/Shelter		
342	Critical Area Planting	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water Soil Erosion- Sheet; Rill; Classic Gully; Ephemeral Gully Fish & Wildlife-Inadequate Cover/Shelter	10 yr.	Stabilize areas where vegetation is difficult to establish. This is used on structural practices after construction.
747	Denitrifying Bioreactor	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water	10 yr.	
362	Diversion	Feet	Payment Rate	Water Quality- Excessive Suspended Sediment & Turbidity in Surface Water Soil Erosion- Sheet; Rill; Classic Gully; Ephemeral Gully	10 yr.	
554	Drainage Water Management	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water	1 yr.	This practice can be used in combination with 590 Nutrient Management.
130	Drainage Water Management Plan	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water	1 yr.	
356	Dike	Feet	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water	20 yr.	
382	Fence	Feet	Payment Rate	Domestic Animals- Inadequate Quantities and Quality of Feed and Forage Plant Condition-Productivity, Health, & Vigor; Forage Quality and Palatability Fish & Wildlife-Inadequate Cover/Shelter	20 yr.	Permanent interior fences required for rotational grazing or livestock exclusion. No property line fences.

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393	Filter Strip	Acre	Payment Rate	<p>Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment &amp; Turbidity in Surface Water</p> <p>Domestic Animals- Inadequate Quantities and Quality of Feed and Forage</p> <p>Plant Condition-Productivity, Health, &amp; Vigor; Noxious and Invasive Species</p> <p>Fish &amp; Wildlife-Inadequate Cover/Shelter</p>	10 yr.	
512	Forage & Biomass Planting	Acre	Payment Rate	<p>Water Quality- Excessive Suspended Sediment &amp; Turbidity in Surface Water</p> <p>Domestic Animals- Inadequate Quantities and Quality of Feed and Forage</p> <p>Plant Condition-Productivity, Health, &amp; Vigor; Forage Quality and Palatability</p> <p>Fish &amp; Wildlife-Inadequate Cover/Shelter</p>	5 yr.	Converting cropland or renovation of hayland. Used for both cool and warm season grasses.
666	Forest Stand Improvement	Acre	Payment Rate	<p>Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater</p> <p>Plant Condition-Productivity, Health, &amp; Vigor; Noxious and Invasive Species</p> <p>Fish &amp; Wildlife-Inadequate Cover/Shelter</p>	10 yr.	Woodland Stewardship Plan required.
410	Grade Stabilization Structure	Number	Payment Rate	<p>Water Quality- Excessive Suspended Sediment &amp; Turbidity in Surface Water</p> <p>Soil Erosion- Classic Gully</p>	15 yr.	

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412	Grassed Waterway	Acre	Payment Rate	Water Quality- Excessive Suspended Sediment & Turbidity in Surface Water Soil Erosion- Classic Gully Fish & Wildlife-Inadequate Cover/Shelter	10 yr.	Practice may be used in combination with 606-subsurface drain and 342-critical area planting. Payment does cover fabric installed in waterway.
561	Heavy Use Area Protection	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water; Excessive Suspended Sediment & Turbidity in Surface Water Soil Erosion- Sheet, Rill; Ephemeral Gully Plant Condition-Productivity, Health, & Vigor	10 yr.	
595	Integrated Pest Management	Acre	Payment Rate	Water Quality- Excessive Suspended Sediment & Turbidity in Surface Water Air Quality – Objectionable odor Domestic Animals- Inadequate Quantities and Quality of Feed and Forage Plant Condition-Productivity, Health, & Vigor; Forage Quality and Palatability; Noxious and Invasive Species Fish & Wildlife-Inadequate Cover/Shelter	1 yr	
516	Livestock Pipeline	Feet	Payment Rate	Plant Condition-Productivity, Health, & Vigor; Forage Quality and Palatability	20 yr.	Used for watering of livestock in a grazing system only.
484	Mulching	Acre	Payment Rate	Water Quality- Excessive Suspended Sediment & Turbidity in Surface Water Soil Erosion- Sheet, Rill; Classic Gully; Ephemeral Gully	1 yr.	

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				Fish & Wildlife-Inadequate Cover/Shelter		
590	Nutrient Management	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Fish & Wildlife-Inadequate Cover/Shelter	1 yr	May also require 554 Drainage Water Management and 449 Irrigation Water Management.
378	Pond	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water; Excessive Suspended Sediment & Turbidity in Surface Water Soil Erosion- Classic Gully Fish & Wildlife-Inadequate Cover/Shelter	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.
521A	Pond Sealing or Lining, Flexible Membrane	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater	20 yr.	
521B	Pond Sealing or Lining, Soil Dispersant	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater	20yr.	
521C	Pond Sealing or Lining, Bentonite Sealant	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater	15 yr.	
521D	Pond Sealing or Lining, Compacted Clay	Acre	Payment Rate	Domestic Animals – Inadequate Stock Water;	15 yr.	
338	Prescribed Burning	Acres	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water Soil Erosion- Sheet, Rill; Classic Gully; Ephemeral Gully Domestic Animals- Inadequate Quantities and	1 yr.	

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				Quality of Feed and Forage Plant Condition-Productivity, Health, & Vigor; Forage Quality and Palatability; Noxious and Invasive Species Fish & Wildlife-Inadequate Cover/Shelter		
528	Prescribed Grazing	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water Plant Condition-Productivity, Health, & Vigor; Forage Quality and Palatability; Noxious and Invasive Species Fish & Wildlife-Inadequate Cover/Shelter	1 yr.	
533	Pumping Plant	Number	Payment Rate	Domestic Animals – Inadequate Stock Water Plant Condition-Productivity, Health, & Vigor Energy – Inefficient Energy Use; Farming& Ranching Practices and Field Operations	15 yr.	
329	Residue and Tillage Management, No-till/Strip Till/Direct Seed	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water; Excessive Suspended Sediment & Turbidity in Surface Water Soil Erosion- Sheet, Rill Energy – Inefficient Energy Use; Farming& Ranching Practices and Field Operations	1 yr.	

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				Fish & Wildlife-Inadequate Cover/Shelter		
391	Riparian Forest Buffer	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water  Soil Erosion- Sheet, Rill; Ephemeral Gully  Air Quality – Objectionable odor  Domestic Animals- Inadequate Quantities and Quality of Feed and Forage  Plant Condition-Productivity, Health, & Vigor; Forage Quality and Palatability; Noxious and Invasive Species  Fish & Wildlife-Inadequate Cover/Shelter	15 yr.	Woodland Stewardship Plan required.
367	Roofs and Covers	Number	Payment Rate	Air Quality – Objectionable odor	10 yr.	
558	Roof Runoff Structure	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water	15 yr.	
798	Seasonal High Tunnels	Square Foot	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water  Soil Erosion- Sheet, Rill  Plant Condition-Productivity, Health, & Vigor	4 yr.	
350	Sediment Basin	Number	Payment Rate	Water Quality- Excessive Suspended Sediment &	20 yr.	

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				Turbidity in Surface Water		
632	Solid/Liquid Waste Separation Facility	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater	15 yr.	As a Component of CNMP also used in conjunction with a Wastewater Treatment Strip (635)
578	Stream Crossing	Number	Payment Rate	Water Quality- Excessive Suspended Sediment & Turbidity in Surface Water	10 yr.	
395	Stream Habitat Improvement and Management	Acre	Payment Rate	Water Quality- Excessive Suspended Sediment & Turbidity in Surface Water Fish & Wildlife-Inadequate Cover/Shelter	5 yr.	
580	Streambank and Shoreline Protection	Feet	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water; Excessive Suspended Sediment & Turbidity in Surface Water Fish & Wildlife-Inadequate Cover/Shelter	20 yr.	
606	Subsurface Drain	Feet	Payment Rate	Soil Erosion- Sheet, Rill; Classic Gully; Ephemeral Gully	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.
600	Terrace	Feet	Payment Rate	Water Quality- Excessive Suspended Sediment & Turbidity in Surface Water Soil Erosion- Sheet, Rill; Ephemeral Gully	10 yr.	This practice may be used in combination with 620-Underground outlet and 342-Critical Area Planting.
490	Tree/Shrub Site Preparation	Acre	Payment Rate	Plant Condition-Productivity, Health, & Vigor; Noxious and Invasive Species	1 yr.	Woodland Stewardship Plan required.
612	Tree/Shrub Establishment	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water	15 yr.	Woodland Stewardship Plan required.

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				Soil Erosion- Sheet, Rill; Classic Gully; Ephemeral Gully  Air Quality – Objectionable odor  Fish & Wildlife-Inadequate Cover/Shelter		
620	Underground Outlet	Feet	Payment Rate	Water Quality- Excessive Suspended Sediment & Turbidity in Surface Water  Soil Erosion- Sheet, Rill; Classic Gully; Ephemeral Gully	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.
313	Waste Storage Facility	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater	15 yr.	As a component of CNMP
635	Vegetated Treatment Area	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water	10 yrs	Used in conjunction with a Solid/Liquid Waste Separation Facility (632)
638	Water and Sediment Control Basin	Number	Payment Rate	Water Quality- Excessive Suspended Sediment & Turbidity in Surface Water  Soil Erosion- Classic Gully; Ephemeral Gully	10 yr.	This practice may be used in combination with 620-Underground outlet and 342-Critical Area Planting.
642	Water Well	Number	Payment Rate	Domestic Animals-Inadequate Stock Water	20 yr.	Used for watering of livestock in a grazing system only.
614	Watering Facility	Number	Payment Rate	Domestic Animals-Inadequate Stock Water	20 yr.	Used for watering of livestock in a grazing system only.
634	Waste Transfer	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater	15 yr.	
359	Waste Treatment Lagoon	Number	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater	15 yr.	
658	Wetland Creation	Acre	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water	15 yr.	

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				<p>Domestic Animals – Inadequate Stock Water; Inadequate Quantities and Quality of Feed and Forage</p> <p>Plant Condition-Productivity, Health, &amp; Vigor; Noxious and Invasive Species</p> <p>Fish &amp; Wildlife-Inadequate Cover/Shelter</p>		
659	Wetland Enhancement	Acre	Payment Rate	<p>Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment &amp; Turbidity in Surface Water</p> <p>Domestic Animals – Inadequate Stock Water; Inadequate Quantities and Quality of Feed and Forage</p> <p>Plant Condition-Productivity, Health, &amp; Vigor; Noxious and Invasive Species</p> <p>Fish &amp; Wildlife-Inadequate Cover/Shelter</p>	15 yr.	
657	Wetland Restoration	Acre	Payment Rate	<p>Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment &amp; Turbidity in Surface Water</p> <p>Domestic Animals – Inadequate Stock Water; Inadequate Quantities and Quality of Feed and Forage</p> <p>Plant Condition-Productivity, Health, &amp; Vigor; Noxious and Invasive Species</p> <p>Fish &amp; Wildlife-Inadequate Cover/Shelter</p>	15 yr.	

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380	Windbreak/Shelterbelt Establishment	Feet	Payment Rate	Water Quality- Excessive Nutrient and Organics in Surface Water and Groundwater; Excessive Suspended Sediment & Turbidity in Surface Water Air Quality – Objectionable odor Plant Condition-Productivity, Health, & Vigor; Forage Quality and Palatability; Noxious and Invasive Species Energy – Inefficient Energy Use; Farming& Ranching Practices and Field Operations Fish & Wildlife-Inadequate Cover/Shelter	15 yr.	
911	<i>Technical Assistance Design</i>	<i>Number</i>	<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>	<i>Number</i>	<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>	<i>Number</i>	<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.

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

**10/18/12**