

EQIP Practice List 2013

Palo Alto County, 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	<ul style="list-style-type: none"> • Soil Erosion-Classic Gully; Ephemeral Gully; Sheet and Rill; & Streambank • Water Quality-Harmful levels of Pathogens in Ground & Surface water; Excessive Suspended Sediment & Turbidity in Surface Water; Excess Nutrients and Organics in Surface Water and Groundwater 	10 yr.	Exclusion of livestock from woodlands, ponds, and intermittent streams. Area must be fenced.
591	Amendments for the Treatment of Agricultural Waste	Number	Payment Rate	<ul style="list-style-type: none"> • Air Quality – NH3, CH4, CO2, N2O, Objectionable Odors, PM less than 2.5 and 10 micrometers in diameter • Domestic Animals – Inadequate Stock Water, Stress & Mortality • Plant Condition – Forage Quality & palatability; Productivity, health & vigor • Soil Condition – OM depletion; contaminants – Animal waste and other organics N, P, K • Water Quality – Excessive nutrients & organics in ground & surface water; harmful levels of pathogens in ground & surface water • Water Quantity – inefficient water use on irrigated land 	1 yr.	
314	Brush Management	Acre	Payment Rate	<ul style="list-style-type: none"> • Plant Condition- Productivity, health and vigor; Noxious and invasive plants; Forage Quality and Palatability; plants not adapted or suited; T&E Plant species, 	10 yr.	

				<ul style="list-style-type: none"> T&E plant species: declining species, species of concern • Domestic Animals- Inadequate Quantities and Quality of Feed and Forage; Stress & mortality • Fish & Wildlife-Imbalance among & within populations; Inadequate cover/shelter/food/space; T&E Fish& Wildlife Species; Habitat Fragmentation; T&E Species: Declining species, species of concern 		
360	Waste Facility Closure	Acre	Payment Rate	<ul style="list-style-type: none"> • Air Quality- Objectionable odors • Water Quality-Excessive nutrients & organics in ground & surface water 	15 yr.	Limited to earthen structures.
317	Composting Facility	Number	Payment Rate	<ul style="list-style-type: none"> • Air Quality-Objectionable Odors • Water Quality-Harmful levels of pathogens in ground & surface water; Excess Nutrients and Organics in Ground & Surface Water 	15 yr.	As a Component of the CNMP
102	CAP - Comprehensive Nutrient Management Plan (CNMP)	Number	Payment Rate	<ul style="list-style-type: none"> • Water Quality-Excessive nutrients and organics in surface water and groundwater 	1 yr.	CNMP Payment for a Technical Service Provider to develop a CNMP.
104	CAP - Nutrient Management Plan Written	Number	Payment Rate	<ul style="list-style-type: none"> • Water Quality-Excessive nutrients and organics in surface water and groundwater 	1 yr.	CNMP Payment for a Technical Service Provider to develop a CNMP.
327	Conservation Cover	Acre	Payment Rate	<ul style="list-style-type: none"> • Soil Erosion-Sheet and rill, Ephemeral & Classic Gully • Fish & Wildlife-Imbalance among populations; Inadequate cover/shelter; food; space; T & E species: Declining species, species of concern; habitat fragmentation • Plant condition-T&E 	5 yr.	NOTE – Summer Construction Incentive is available under this practice.

				<ul style="list-style-type: none"> species, declining species, species of concern; productivity, health & vigor; plants not adapted or suited; noxious & invasive plants • Soil Condition-OM depletion; 		
328	Conservation Crop Rotation	Acre	Payment Rate	<ul style="list-style-type: none"> • Soil Erosion-Sheet and rill; Ephemeral; Classic Gully • Soil Condition-Soil organic matter depletion • Water Quality–Excessive Nutrients and Organics in Ground & Surface Water; Excessive Suspended Sediment and Turbidity in Surface Water; Harmful levels of pathogens in ground & surface water 	1 yr.	<p>Initiative for producers transitioning from intensive row crop into rotations that includes perennial production.</p> <p>For Organic Crop Production. To be eligible, producer must be newly transitioning to organics and needs state certification.</p>
340	Cover Crop	Acre	Payment Rate	<ul style="list-style-type: none"> • Soil Erosion-Sheet and Rill, Ephemeral & Classic gully • Soil Condition-Soil Organic Matter Depletion • Plant Condition-Productivity, Health, & Vigor • Energy – Inefficient Energy Use; Farming& Ranching Practices & Field Operations 	1 yr.	<p>Practice is available for up to 3 consecutive years. \$24,000 lifetime max; \$36,000 H.U. lifetime max.</p>
342	Critical Area Planting	Acre	Payment Rate	<ul style="list-style-type: none"> • Soil Erosion-Sheet and rill; Ephemeral; & Classic Gully • Water Quality–Excessive nutrients & organics in ground & surface water; Excessive Suspended Sediment and Turbidity in Surface Water 	10 yr.	<p>Stabilize areas where vegetation is difficult to establish. This is used on structural practices after construction.</p>
747	Denitrifying Bioreactor	Number	Payment Rate	<ul style="list-style-type: none"> • Fish & Wildlife-Inadequate Water • Soil Condition-contaminants, animal waste & other organics N; contaminants, commercial fertilizer N • Water quality-excessive nutrients & organics in 	10 yr.	

				surface water		
554	Drainage Water Management	Acre	Payment Rate	<ul style="list-style-type: none"> Water Quality-Excessive nutrients and organics in surface water 	1 yr.	This practice can be used in combination with 590 Nutrient Management. See Nutrient Management Intensity Options for description and level requirements.
130	Drainage Water Management Plan	Number	Payment Rate	<ul style="list-style-type: none"> Water Quality – excessive nutrients & organics in surface water 	1 yr.	
587	Structure For Water Control	No	Payment Rate	<ul style="list-style-type: none"> Water Quality – excessive nutrients & organics in surface water 	20 yr	
393	Filter Strip	Acre	Payment Rate	<ul style="list-style-type: none"> Water quality-excessive nutrients & organics in ground & surface water; excessive suspended turbidity in surface water; harmful levels of pathogens & pesticides in ground & surface water 	10 yr.	
410	Grade Stabilization Structure	Number	Payment Rate	<ul style="list-style-type: none"> Soil Erosion-Classic gully & Streambank Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water 	15 yr.	
561	Heavy Use Protection	Acre	Payment Rate	<ul style="list-style-type: none"> Plant Condition–Productivity, Health, and Vigor Soil Erosion-Sheet & rill; Ephemeral Gully; and Streambank Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water 	10 yr.	For protection of livestock feeding and watering areas in a grazing system. (Includes winter feeding stations)
118	CAP – Irrigation Water Management Plan – Written	Number	Payment Rate	<ul style="list-style-type: none"> Water Quantity-Inefficient water use on Irrigated Land 	1 yr.	
430	Irrigation Pipeline	Feet	Payment Rate	<ul style="list-style-type: none"> Water Quantity-Inefficient water use on Irrigated Land 	20 yr.	
442	Irrigation System, Sprinkler	Acre	Payment Rate	<ul style="list-style-type: none"> Water Quantity-Inefficient water use on Irrigated Land 	15 yr.	
449	Irrigation Water Management	Acre	Payment Rate	<ul style="list-style-type: none"> Water Quality-Excessive nutrients and organics in surface water 	1 yr.	This practice can be used in combination with 590 Nutrient Management. See Nutrient Management Intensity Options for description and level requirements

590	Nutrient Management	Acre	Payment Rate	<ul style="list-style-type: none"> • Water Quality-Excessive nutrients and organics in ground & surface water; harmful levels of pathogens in ground & surface water 	1 yr	See Nutrient Management Intensity Options for description and level requirements.
512	Forage and Biomass Planting	Acre	Payment Rate	<ul style="list-style-type: none"> • Domestic Animals – Inadequate Quantities and Quality of Feed and Forage; Stress & mortality • Plant Condition – Productivity Health and Vigor; Forage Quality and Palatability. • Soil Erosion-Sheet & rill; ephemeral • Water Quality – Excessive Suspended Sediment & Turbidity in Surface Water 	5 yr.	Converting cropland or renovation of hayland or permanent cover. Used for both cool and warm season grasses.
378	Pond	Number	Payment Rate	<ul style="list-style-type: none"> • Domestic Animals-Inadequate stock water; Stress and Mortality • Soil Erosion–Classic Gully • Water Quality–Excess Nutrients and Organics in Surface Water; excessive suspended turbidity in surface water 	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.
338	Prescribed Burning	Acre	Payment Rate	<ul style="list-style-type: none"> • Plant Condition-Productivity health and vigor; Noxious and invasive plants • Fish & Wildlife-Inadequate Cover/Shelter; Food; Space; T&E Species: Declining species, species of concern 	1 yr.	
528	Prescribed Grazing	Acre	Payment Rate	<ul style="list-style-type: none"> • Plant Condition-Productivity, Health, and Vigor; Forage Quality and Palatability • Domestic Animals-Inadequate Quantities and Quality of Feed & Forage; Stress and Mortality • Water Quality–Excessive Nutrients & Organics in Ground & Surface Water; Excessive Suspended Sediment and Turbidity in 	1 yr.	A one time payment made in the FY after all associated grazing practices are installed and the 528 standard is met.

				Surface Water		
329	Residue and Tillage Management, No-till/Strip Till	Acre	Payment Rate	<ul style="list-style-type: none"> • Soil Condition-OM Depletion • Soil Erosion-Sheet & Rill; Ephemeral Gully 	1 yr.	
346	Residue and Tillage Management, Ridge-Till	Acre	Payment Rate	<ul style="list-style-type: none"> • Soil Condition- OM Depletion • Soil Erosion-Sheet & Rill; Ephemeral Gully 	1 yr.	
558	Roof Runoff Structure	Number	Payment Rate	<ul style="list-style-type: none"> • Water Quality–Excess Nutrients and Organics in Surface Water & Groundwater 	15 yr.	
798	Seasonal High Tunnel System for Crops	Square Feet	Payment Rate	<ul style="list-style-type: none"> • Water quality-harmful levels of pesticides in ground water; excessive suspended turbidity in surface water; excessive nutrients & organics in ground & surface water • Soil erosion-sheet & rill • Plant condition-productivity, health & vigor 	4 yr.	
350	Sediment Basin	Number	Payment Rate	<ul style="list-style-type: none"> • Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water 	20 yr.	
632	Solid/Liquid Waste Separation Facility	Number	Payment Rate	<ul style="list-style-type: none"> • Water Quality-Excessive Nutrients & Organics in Ground & Surface Water; Harmful levels of Pathogens in Ground & Surface water • Soil Condition-Contaminants- Animal Waste and Other Organics (N, P, & K) 	15 yr.	As a Component of CNMP
578	Stream Crossing	Number	Payment Rate	<ul style="list-style-type: none"> • Soil Erosion-Streambank • Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water • Domestic Animals– Inadequate Stock Water 	10 yr.	
606	Subsurface Drain	Feet	Payment Rate	<ul style="list-style-type: none"> • Soil Erosion-Sheet & Rill, Ephemeral Gully; and Classic 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.
620	Underground Outlet	Feet	Payment Rate	<ul style="list-style-type: none"> • Soil Erosion-Sheet & Rill; Ephemeral & Classic Gully • Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water 	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. Practice can also be used to extend the release of water to a more stable outlet beyond the toe of a 410 or 378.
635	Vegetated Treatment Area	Acre	Payment Rate	<ul style="list-style-type: none"> • Water Quality-Excessive Nutrients & Organics in Surface Water; Harmful levels of Pathogens in Surface water • Soil Condition-OM Depletion; compaction 	10 yr.	For the treatment of waste water below 632 Solid/Liquid Waste Separation Facility.
313	Waste Storage Facility	Number	Payment Rate	<ul style="list-style-type: none"> • 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
367	Roofs and Covers	Number	Payment Rate	<ul style="list-style-type: none"> • Water Quality-Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water • Soil Condition-Contaminants-Animal Waste and other Organics (N, P, & K) 	15 yr.	As a component of CNMP
634	Waste Transfer	Number	Payment Rate	<ul style="list-style-type: none"> • Water Quality-Excessive nutrients & organics in ground & surface water; harmful levels of pathogens in ground & 	15 yr.	Previously known as Manure Transfer.

				surface water		
533	Pumping Plant	Number	Payment Rate	<ul style="list-style-type: none"> • Domestic Animals– Inadequate Stock Water 	15 yr.	
629	Waste Treatment	Number	Payment Rate	<ul style="list-style-type: none"> • Water Quality-Excessive Nutrients & Organics in Ground & Surface Water; Excessive suspended sediment and turbidity in surface water. 	10 yr.	
359	Waste Treatment Lagoon	Number	Payment Rate	<ul style="list-style-type: none"> • Water Quality-Excessive Nutrients & Organics in Ground & Surface Water; harmful levels of pathogens in groundwater 	15 yr.	
638	Water and Sediment Control Basin	Number	Payment Rate	<ul style="list-style-type: none"> • Soil Erosion-Ephemeral & Classic Gully • Water Quality-Excessive Sediment and Turbidity in Surface Water 	10 yr.	This practice may be used in combination with 620-Underground outlet and 342-Critical Area Planting.
380	Windbreak/Shelterbelt Establishment	Feet	Payment Rate	<ul style="list-style-type: none"> • Air Quality-Undesirable Air Movement • Fish & Wildlife– Inadequate Cover/Shelter; and Food • Plant Condition– Productivity, Health, and Vigor 	15 yr.	
650	Windbreak/Shelterbelt Renovation	Feet	Payment Rate	<ul style="list-style-type: none"> • Air Quality-Undesirable Air Movement • Fish & Wildlife– Inadequate Cover/Shelter; and Food • Plant Condition– Productivity, Health, and Vigor 	15 yr.	
911	<i>Technical Assistance Design</i>	<i>Number</i>	<i>100% AM</i>	<ul style="list-style-type: none"> • <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>	<ul style="list-style-type: none"> • <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>	<ul style="list-style-type: none"> • <i>Soil Erosion/Water Quality</i> 	----	<i>Reimbursement of conservation installation activities by a Technical Service Provider (TSP).</i>

