

**EQIP Practice List**

**2011**

**CRAWFORD COUNTY, Iowa**

<b>NRCS Practice Code</b>	<b>Practice Name</b>	<b>Units</b>	<b>Payment Type 1/</b>	<b>• Resource Concerns</b>	<b>Practice Service Life 2/</b>	<b>Comments</b>
360	Closure of Waste Impoundment	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Air Quality- Objectionable odors</li> <li>• Water Quality-Excessive nutrients &amp; organics in ground &amp; surface water</li> </ul>	15 yr.	Limited to earthen structures.
102	CAP - Comprehensive Nutrient Management Plan (CNMP)	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Water Quality-Excessive nutrients and organics in surface water and groundwater</li> </ul>	1 yr.	CNMP Payment for a Technical Service Provider to develop a CNMP. <i>Available for new or existing operations</i>
104	CAP - Nutrient Management Plan Written	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Water Quality-Excessive nutrients and organics in surface water and groundwater</li> </ul>	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"> <li>• Soil Erosion-Sheet and rill, Ephemeral &amp; Classic Gully</li> <li>• Fish &amp; Wildlife-Imbalance among populations; Inadequate cover/shelter; food; space; T &amp; E species: Declining species, species of concern; habitat fragmentation</li> <li>• Plant condition-T&amp;E species, declining species, species of concern; productivity, health &amp; vigor; plants not adapted/ suited; noxious &amp; invasive plants</li> <li>• Soil Condition-OM depletion;</li> </ul>	5 yr.	Summer Construction Incentive is available under this practice.
328	Conservation Crop Rotation	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Sheet and rill; Ephemeral; Classic Gully</li> <li>• Soil Condition-Soil organic matter depletion</li> <li>• Water Quality-Excessive Nutrients and Organics in Ground &amp; Surface Water; Excessive Suspended Sediment and Turbidity in Surface Water; Harmful levels of pathogens in ground &amp; surface water</li> </ul>	1 yr.	Initiative for producers transitioning from intensive row crop into rotations that includes perennial production.  For Organic Crop Production. To be eligible, producer must be newly transitioning to organics and needs state certification.
340	Cover Crop	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Sheet and Rill, Ephemeral &amp; Classic gully</li> <li>• Soil Condition-Soil Organic Matter Depletion</li> <li>• Plant Condition-Productivity,</li> </ul>	1 yr.	Practice is available for up to 3 consecutive years.

				<ul style="list-style-type: none"> <li>Health, &amp; Vigor</li> <li>• Energy – Inefficient Energy Use; Farming &amp; Ranching Practices &amp; Field Operations</li> </ul>		
342	Critical Area Planting	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Sheet and rill; Ephemeral; &amp; Classic Gully</li> <li>• Water Quality–Excessive nutrients &amp; organics in ground &amp; surface water; Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>	10 yr.	Stabilize areas where vegetation is difficult to establish. This is used on structural practices after construction.
554	Drainage Water Management	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Water Quality-Excessive nutrients and organics in surface water</li> </ul>	1 yr.	This practice can be used in combination with 590 Nutrient Management. See Nutrient Management Intensity Options for description and level requirements.
382	Fence	Feet	Payment Rate	<ul style="list-style-type: none"> <li>• Domestic Animals-Inadequate Quantities and Quality of Feed and Forage; Inadequate shelter; Stress and Mortality</li> <li>• Plant Condition-Forage quality and palatability; Productivity, Health, and Vigor</li> </ul>	20 yr.	Permanent interior fences required for rotational grazing or livestock exclusion. No property line fences.
512	Forage & Biomass Planting	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Domestic Animals – Inadequate Quantities and Quality of Feed and Forage; Stress &amp; mortality</li> <li>• Plant Condition – Productivity Health and Vigor; Forage Quality and Palatability.</li> <li>• Soil Erosion-Sheet &amp; rill; ephemeral</li> <li>• Water Quality – Excessive Suspended Sediment &amp; Turbidity in Surface Water</li> </ul>	5 yr.	Converting cropland or renovation of hay-land or permanent cover. Used for both cool and warm season grasses.
410	Grade Stabilization Structure	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Classic gully &amp; Streambank</li> <li>• Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>	15 yr.	
412	Grassed Waterway	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Ephemeral &amp; Classic gully</li> <li>• Water Quality – Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>	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 Protection	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Plant Condition–Productivity, Health, and Vigor</li> <li>• Soil Erosion-Sheet &amp; rill; Ephemeral Gully; and Streambank</li> </ul>	10 yr.	For protection of livestock feeding and watering areas in a grazing system. (Includes winter feeding stations)

				<ul style="list-style-type: none"> <li>• Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>		
590	Nutrient Management	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Water Quality-Excessive nutrients and organics in ground &amp; surface water; harmful levels of pathogens in ground &amp; surface water</li> </ul>	1 yr	See Nutrient Management Intensity Options for description and level requirements.
516	Pipeline	Feet	Payment Rate	<ul style="list-style-type: none"> <li>• Domestic Animals-Inadequate stock water; Stress and Mortality</li> <li>• Plant Condition–Productivity Health &amp; Vigor; Forage Quality and Palatability</li> </ul>	20 yr.	
378	Pond	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Domestic Animals-Inadequate stock water; Stress and Mortality</li> <li>• Soil Erosion–Classic Gully</li> <li>• Water Quality–Excess Nutrients &amp; Organics in Surface Water; excessive suspended turbidity in surface water</li> </ul>	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.
528	Prescribed Grazing	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Plant Condition-Productivity, Health, and Vigor; Forage Quality and Palatability</li> <li>• Domestic Animals-Inadequate Quantities and Quality of Feed &amp; Forage; Stress and Mortality</li> <li>• Water Quality–Excessive Nutrients &amp; Organics in Ground &amp; Surface Water; Excessive Suspended Sediment &amp; Turbidity in Surface Water</li> </ul>	1 yr.	
533	Pumping Plant	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Domestic Animals–Inadequate Stock Water; Stress and Mortality</li> <li>• Plant Condition–Productivity, Health, and Vigor</li> </ul>	15 yr.	
329	Residue and Tillage Management, No-till/Strip Till	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Condition–OM Depletion</li> <li>• Soil Erosion-Sheet &amp; Rill; Ephemeral Gully</li> </ul>	1 yr.	<i>No-till scheduled for more than one year will be run consecutively.</i>
798	Seasonal High Tunnel System for Crops	Square Feet	Payment Rate	<ul style="list-style-type: none"> <li>• Water quality-harmful levels of pesticides in ground water; excessive suspended turbidity in surface water; excessive nutrients &amp; organics in ground &amp; surface water</li> <li>• Soil erosion-sheet &amp; rill</li> </ul>	4 yr.	

				<ul style="list-style-type: none"> <li>• Plant condition-productivity, health &amp; vigor</li> </ul>		
632	Solid/Liquid Waste Separation Facility	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Water Quality-Excessive Nutrients &amp; Organics in Ground &amp; Surface Water; Harmful levels of Pathogens in Ground &amp; Surface water</li> <li>• Soil Condition-Contaminants-Animal Waste and Other Organics (N, P, &amp; K)</li> </ul>	15 yr.	As a Component of CNMP. Existing operations/feedlots only.
578	Stream Crossing	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Streambank</li> <li>• Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water</li> <li>• Domestic Animals-Inadequate Stock Water</li> </ul>	10 yr.	
585	Strip-cropping	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Soil erosion-ephemeral gully; sheet &amp; rill</li> <li>• Soil condition-OM depletion</li> </ul>	5 yr.	
606	Subsurface Drain	Feet	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Sheet &amp; Rill, Ephemeral Gully; &amp; Classic Gully</li> </ul>	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	<ul style="list-style-type: none"> <li>• Soil Erosion-Sheet &amp; Rill; Ephemeral Gully</li> <li>• Water Quality-Excessive Sediment &amp; Turbidity in Surface Water</li> </ul>	10 yr.	This practice may be used in combination with 620-Underground outlet and 342-Critical Area Planting.
612	Tree/Shrub Establishment	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Fish &amp; Wildlife-Inadequate Cover/Shelter; Food; T &amp; E Species: Declining species, species of concern</li> <li>• Plant Condition-Productivity, Health and Vigor</li> </ul>	15 yr.	Woodland Stewardship Plan required.
620	Underground Outlet	Feet	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Sheet &amp; Rill; Ephemeral &amp; Classic Gully</li> <li>• Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>	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"> <li>Water Quality-Excessive Nutrients &amp; Organics in Ground &amp; Surface Water; Harmful levels of Pathogens in Ground &amp; Surface water</li> <li>Soil Condition-OM Depletion; compaction</li> </ul>	10 yr.	For the treatment of waste water below 632 Solid/Liquid Waste Separation Facility.
367	Waste Facility Cover	Number	Payment Rate	<ul style="list-style-type: none"> <li>Air Quality-NH3; excessive greenhouse gas CH4, N2O; objectionable odors</li> </ul>	10 yr.	
313	Waste Storage Facility	Number	Payment Rate	<ul style="list-style-type: none"> <li>Soil Condition-Contaminants-Animal Waste and other Organics (N, P, &amp; K)</li> <li>Water Quality-Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water</li> </ul>	15 yr.	As a component of CNMP. Existing operations/feedlots only. CNMP required. \$75,000 maximum payment.
638	Water and Sediment Control Basin	Number	Payment Rate	<ul style="list-style-type: none"> <li>Soil Erosion-Ephemeral &amp; Classic Gully</li> <li>Water Quality-Excessive Sediment and Turbidity in Surface Water</li> </ul>	10 yr.	This practice may be used in combination with 620-Underground outlet and 342-Critical Area Planting.
642	Water Well	Number	Payment Rate	<ul style="list-style-type: none"> <li>Domestic Animals-Inadequate Water; Stress and Mortality</li> </ul>	20 yr.	Used for watering of livestock in a grazing system only.
614	Watering Facility	Number	Payment Rate	<ul style="list-style-type: none"> <li>Domestic Animals-Inadequate Water; Stress and Mortality</li> </ul>	20 yr.	Used for watering of livestock grazing system only.
380	Windbreak/Shelterbelt Establishment	Feet	Payment Rate	<ul style="list-style-type: none"> <li>Air Quality-Undesirable Air Movement</li> <li>Fish &amp; Wildlife-Inadequate Cover/Shelter; and Food</li> <li>Plant Condition-Productivity, Health, and Vigor</li> </ul>	15 yr.	For screening and altering airflow next to existing CAFO's.
911	Technical Assistance Design	Number	100% AM	<ul style="list-style-type: none"> <li>Soil Erosion/Water Quality</li> </ul>	----	Reimbursement of conservation design activities by a Technical Service Provider (TSP).
912	Technical Assistance Application	Number	100% AM	<ul style="list-style-type: none"> <li>Soil Erosion/Water Quality</li> </ul>	----	Reimbursement of conservation application activities by a Technical Service Provider (TSP).
913	Technical Assistance Checkout	Number	100% AM	<ul style="list-style-type: none"> <li>Soil Erosion/Water Quality</li> </ul>	----	Reimbursement of conservation installation activities by a Technical Service Provider (TSP).

**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.