

## EQIP Practice List

2013

Winneshiek 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)<br><b>Water Quality</b> – Excess Nutrients and Organics in Groundwater and Surface Water                                                                                                       | 1 yr.                           |                        |
| 104                | Nutrient Management-Plan Written                        | Number | PR                     | <b>Water Quality</b> – Excess Nutrients and Organics in Groundwater and Surface Water                                                                                                                                                                                           | 1 yr.                           |                        |
| 106                | Forest Management-Plan Written                          | Number | PR                     | <b>Plant Condition</b> - Productivity heath & vigor, Noxious and Invasive plants<br><b>Fish &amp; Wildlife</b> – Inadequate Cover/Shelter, Inadequate Food; T & E Species:                                                                                                      | 1 yr.                           |                        |
| 313                | Waste Storage Facility                                  | Number | PR                     | <b>Soil Condition</b> – <b>Contaminants</b> – Animal Waste and other Organics (N, P, & K)<br><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<br><b>Domestic Animals</b> – Inadequate Quantities and Quality of Feed and Forage<br><b>Plant Condition</b> – Noxious and Invasive Plants<br><b>Fish &amp; Wildlife</b> - T&E species | 10 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<br><b>Soil Condition</b> - <b>Contaminant</b> -                                                                                          | 15 yr.                          |                        |

|     |                                         |        |    |                                                                                                                                                                                                                                                        |        |                                                                                                                         |
|-----|-----------------------------------------|--------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------|
|     |                                         |        |    | Animal Waste and Other Organics (N,P)                                                                                                                                                                                                                  |        |                                                                                                                         |
| 317 | Composting Facility                     | Number | PR | <b>Water Quality</b> -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 | <b>Soil Erosion</b> -Sheet and rill & Ephemeral Gully<br><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<br><b>Water Quality</b> – Excessive Suspended Sediment and Turbidity in Surface Water.<br><b>Soil Condition</b> – Organic Matter Depletion<br><b>Air Quality</b> - 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 | <b>Soil Erosion</b> – Sheet & rill, ephemeral gully<br><b>Soil Condition</b> – Organic Matter Depletion, Compaction.<br><b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water                                             | 1 yr.  |                                                                                                                         |
| 332 | Contour Buffer Strips                   | Acre   | PR | <b>Soil Erosion</b> – Sheet/Rill, Ephemeral Gully<br><b>Soil Condition</b> – Damage from Sediment Deposition;<br><b>Water Quality</b> - Excessive Nutrients and Organics in Surface Water, Excessive Suspended Sediment and Turbidity in Surface Water | 5 yr.  | Payment is for acres that are treated.                                                                                  |
| 340 | Cover Crop                              | Acre   | PR | <b>Soil Erosion</b> – Sheet/Rill and Ephemeral Gully<br><b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water, Excess Nutrients and Organics in                                                                           | 1 yr.  |                                                                                                                         |

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|     |                                             |        |    | Surface Water<br><b>Soil Condition</b> – Organic Matter Depletion                                                                                                                                                            |        |                                                                            |
| 342 | Critical Area Planting                      | Acre   | PR | <b>Soil Erosion</b> – Sheet/Rill, Ephemeral Gully, and Classic Gully<br><b>Soil Condition</b> – Damage from Sediment Deposition<br><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<br><b>Soil Condition</b> – Organic Matter Depletion<br><b>Air Quality</b> – PM 2.5                                                                                                        | 1 yr.  |                                                                            |
| 350 | Sediment Basin                              | Number | PR | <b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water                                                                                                                                           | 20 yr. |                                                                            |
| 359 | Waste Treatment Lagoon                      | Number | PR | <b>Soil Condition</b> – Contaminants - Animal Waste and Other Organics (N, P, K)<br><b>Water Quality</b> – Excess Nutrients and Organics in Groundwater, Excess Nutrients and Organics in Surface Water                      | 15 yr. | As a component of CNMP                                                     |
| 362 | Diversion                                   | Feet   | PR | <b>Soil Erosion</b> – Sheet/Rill, Ephemeral Gully, and Classic Gully<br><b>Water Quantity</b> – Excessive Runoff, Flooding, or Ponding<br><b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water | 10 yr. | As a component of CNMP                                                     |
| 367 | Roofs and Covers                            | Number | PR | <b>Air Quality</b> – Objectionable Odors<br><b>Water Quality</b> -Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water                                                          | 10 yr. | As a component of CNMP                                                     |
| 378 | Pond                                        | Number | PR | <b>Domestic Animals</b> – Inadequate Stock Water; Stress and Mortality<br><b>Water Quality</b> – Excess                                                                                                                      | 20 yr. | Watering source for livestock: Payment rate varies based on type of inlet. |

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|-----|-------------------------------------|--------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------|
|     |                                     |        |    | Nutrients and Organics in Surface Water<br><b>Soil Erosion</b> - Classic Gully                                                                                                                                                              |        |                                                                                                            |
| 380 | Windbreak/Shelterbelt Establishment | Feet   | PR | <b>Air Quality</b> – Undesirable Air Movement, Objectionable Odors and Adverse Air Temperature<br><b>Fish &amp; Wildlife</b> –Inadequate Cover/Shelter; Inadequate Food                                                                     | 15 yr. |                                                                                                            |
| 382 | Fence                               | Feet   | PR | <b>Domestic Animals</b> -Inadequate Quantities and Quality of Feed and Forage; Stress and Mortality, Inadequate Shelter<br><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. |
| 386 | Field Border                        | Feet   | PR | <b>Soil Erosion</b> – Sheet/Rill and Ephemeral Gully<br><b>Soil Condition</b> – Damage from Sediment Deposition<br><b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water                                       | 10 yr. |                                                                                                            |
| 393 | Filter Strip                        | Acre   | PR | <b>Soil Condition</b> – Damage from Sediment Deposition<br><b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water, Excess Nutrients and Organics in Surface Water. Harmful Levels of Pathogens in Surface Water | 10 yr. |                                                                                                            |
| 410 | Grade Stabilization Structure       | Number | PR | <b>Soil Erosion</b> -Classic gully & Streambank<br><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<br><b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water                                                                                               | 10 yr. |                                                                                                            |
| 472 | Access Control                      | Acre   | PR | <b>Soil Erosion</b> - Classic Gully & Streambank                                                                                                                                                                                            | 10 yr. | Exclusion of livestock from woodlands, ponds, and intermittent                                             |

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|     |                              |      |    | <b>Water Quality</b> - Excessive Suspended Sediment & Turbidity in Surface Water; Excess Nutrients and Organics in Surface Water, Harmful levels of Pathogens in Surface water                                                                                                                      |        | streams. Area must be fenced.                                                                                      |
| 484 | Mulching                     | Acre | PR | <b>Soil Erosion</b> - Classic Gully; Ephemeral Gully, & Sheet & Rill                                                                                                                                                                                                                                | 1 yr.  |                                                                                                                    |
| 490 | Tree/Shrub Site Preparation  | Acre | PR | <b>Fish and Wildlife</b> -T&E Species<br><b>Plant Condition</b> –Productivity, Health and Vigor, Noxious and Invasive Species                                                                                                                                                                       | 1 yr.  | Woodland Stewardship Plan required.                                                                                |
| 511 | Forage Harvest Management    | Acre | PR | <b>Soil Condition</b> – Compaction<br><b>Fish &amp; Wildlife</b> –Habitat Fragmentation<br><b>Plant Condition</b> – Forage Quality and Palatability, Productivity, health and vigor; Noxious and Invasive Species.                                                                                  | 1 yr.  | To be used for converting cropland to pasture or for increasing diversity within a pasture.                        |
| 512 | Pasture and Hayland Planting | Acre | PR | <b>Domestic Animals</b> – Inadequate Quantities and Quality of Feed and Forage<br><b>Plant Condition</b> – Productivity Health and Vigor; Forage Quality and Palatability.<br><b>Soil Erosion</b> -Sheet & rill<br><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<br><b>Plant Condition</b> – Productivity Health and Vigor; Forage Quality and Palatability                                                                                                                                    | 20 yr. |                                                                                                                    |
| 528 | Prescribed Grazing           | Acre | PR | <b>Plant Condition</b> - Productivity, Health, and Vigor; Forage Quality and Palatability<br><b>Domestic Animals</b> -Inadequate Quantities and Quality of Feed & Forage<br><b>Water Quality</b> –Excessive Nutrients and Organics in Surface                                                       | 1 yr.  | A onetime payment made in the FY after all associated grazing practices are installed and the 528 standard is met. |

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|-----|-------------------------------------|--------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|
|     |                                     |        |    | Water; Excessive Suspended Sediment and Turbidity in Surface Water                                                                                                                                                                                   |        |  |
| 533 | Pumping Plant                       | Number | PR | <b>Domestic Animals</b> – Inadequate Stock Water; Stress and Mortality,<br><b>Plant Condition</b> – Productivity, Health, and Vigor                                                                                                                  | 15 yr. |  |
| 558 | Roof Runoff Structure               | Number | PR | <b>Water Quality</b> –Excess Nutrients and Organics in Surface Water and Groundwater                                                                                                                                                                 | 15 yr. |  |
| 561 | Heavy Use Protection                | Acre   | PR | <b>Soil Erosion</b> –Sheet & rill; Ephemeral Gully; and Streambank<br><b>Water Quality</b> –Excessive Suspended Sediment and Turbidity in Surface Water; Excessive levels of Pathogens in Surface Water                                              | 10 yr. |  |
| 574 | Spring Development                  | Number | PR | <b>Domestic Animals</b> –Inadequate Stock Water, Inadequate Quantities and Quality of Feed & Forage<br><b>Plant Condition</b> – Productivity, Health, & Vigor; Forage Quality and Palatability                                                       | 20 yr. |  |
| 578 | Stream Crossing                     | Number | PR | <b>Soil Erosion</b> –Streambank<br><b>Water Quality</b> –Excessive Suspended Sediment and Turbidity in Surface Water,<br><b>Domestic Animals</b> – Inadequate Stock Water, Inadequate Quality and Quantities of Feed and Forage, Stree and Mortality | 10 yr. |  |
| 580 | Streambank and Shoreline Protection | Feet   | PR | <b>Soil Erosion</b> –Streambank<br><b>Water Quality</b> –Excessive Suspended Sediment and Turbidity in Surface Water; Excess Nutrients and Organics in Surface Water<br><b>Fish &amp; Wildlife</b> - Inadequate cover/shelter, T&E species           | 20 yr. |  |

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| 585 | Stripcropping            | Acre   | PR | <p><b>Soil Erosion</b> – Sheet/Rill and Ephemeral Gully</p> <p><b>Soil Condition</b> – Damage from Sediment Deposition, Org. Matter Depletion</p> <p><b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water</p>                                             | 5 yr.  |                                                                                                                                                                                                                                                                                                                                                 |
| 600 | Terrace                  | Feet   | PR | <p><b>Soil Erosion</b> – Sheet/Rill, Ephemeral Gully</p> <p><b>Soil Condition</b> – Damage from Sediment Deposition</p> <p><b>Water Quantity</b> – Excessive Runoff, Flooding, or Ponding</p> <p><b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water</p> | 10 yr. |                                                                                                                                                                                                                                                                                                                                                 |
| 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. |
| 612 | Tree/Shrub Establishment | Acre   | PR | <p><b>Fish &amp; Wildlife</b>–Inadequate Cover/Shelter; Inadequate Food</p> <p><b>Soil Erosion</b> – Wind</p> <p><b>Air Quality</b> – Adverse Air Temperature, Excessive Greenhouse Gas (CO2)</p>                                                                                       | 15 yr. | Woodland Stewardship Plan required.                                                                                                                                                                                                                                                                                                             |
| 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 | <b>Soil Erosion</b> - Sheet & Rill;                                                                                                                                                                                                                                                     | 20 yr. |                                                                                                                                                                                                                                                                                                                                                 |

|     |                                        |        |    |                                                                                                                                                                                                                         |        |                        |
|-----|----------------------------------------|--------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------|
|     |                                        |        |    | Ephemeral Gully, Classic Gully<br><b>Water Quality</b> –Excessive Suspended Sediment and Turbidity in Surface Water<br><b>Soil Condition</b> – Damage from Soil Deposition                                              |        |                        |
| 632 | Solid/Liquid Waste Separation Facility | Number | PR | <b>Water Quality</b> -Excessive Nutrients & Organics in Surface Water<br><b>Soil Condition -Contamination</b> - Animal Waste and Other Organics (N, P, & K), Harmful Level of Pathogens in Surface Waters               | 15 yr. | As a component of CNMP |
| 634 | Waste Transfer                         | Number | PR | <b>Water Quality</b> – Excess Nutrients and Organics in Groundwater and Surface Water                                                                                                                                   | 15 yr. | As a component of CNMP |
| 635 | Vegetative Treatment Area              | Acre   | PR | <b>Water Quality</b> – 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 | <b>Soil Erosion</b> – Ephemeral Gully and Classic Gully<br><b>Soil Condition</b> – Damage from Sediment Deposition<br><b>Water Quality</b> - Excessive Suspended Sediment and Turbidity in Surface Water                | 10 yr. |                        |
| 642 | Water Well                             | Number | PR | <b>Plant Condition</b> – Productivity, Health, & Vigor, Forage Quality and Palatability<br><b>Domestic Animals</b> – Inadequate Quality and Quantities of Feed and Forage, Inadequate Stock Water, Stress and Mortality | 20 yr. |                        |
| 650 | Windbreak/Shelterbelt Renovation       | Acre   | PR | <b>Air Quality</b> – Undesirable Air Movement, Objectionable Odors and Adverse Air Temperature<br><b>Fish &amp; Wildlife</b> – Inadequate Cover/Shelter<br><b>Plant Condition</b> – Productivity, Health, and Vigor     | 15 yr. |                        |

|     |                                             |                |                |                                                                                                                                                                                         |        |                                                                                                             |
|-----|---------------------------------------------|----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------|
| 666 | Forest Stand Improvement                    | Acre           | PR             | <b>Plant Condition</b> - Productivity<br>health & vigor, Noxious and<br>Invasive plants<br><b>Fish &amp; Wildlife</b> – Inadequate<br>Cover/Shelter, Inadequate Food;<br>T & E Species: | 10 yr. | Woodland Stewardship Plan<br>required.                                                                      |
| 798 | Seasonal High Tunnel System<br>for Crops    | Square<br>Feet | PR             | <b>Plant Condition</b> – Productivity,<br>Health, and Vigor<br><b>Soil Erosion</b> – Sheet and Rill                                                                                     | 4 yr.  |                                                                                                             |
| 911 | <i>Technical Assistance Design</i>          | Number         | <i>100% AM</i> | <i>Soil Erosion/Water Quality</i>                                                                                                                                                       | ----   | <i>Reimbursement of conservation<br/>design activities by a Technical<br/>Service Provider (TSP).</i>       |
| 912 | <i>Technical Assistance<br/>Application</i> | Number         | <i>100% AM</i> | <i>Soil Erosion/Water Quality</i>                                                                                                                                                       | ----   | <i>Reimbursement of conservation<br/>application activities by a Technical<br/>Service Provider (TSP).</i>  |
| 913 | <i>Technical Assistance<br/>Checkout</i>    | Number         | <i>100% AM</i> | <i>Soil Erosion/Water Quality</i>                                                                                                                                                       | ----   | <i>Reimbursement of conservation<br/>installation activities by a Technical<br/>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.

09/07/2012