

EQIP Practice List 2013

Muscatine County, Iowa

| NRCS Practice Code | Practice Name | Units | Payment Type 1/ | Resource Concerns | Practice Service Life 2/ | Comments |
|---------------------------|---|--------------|------------------------|--|---------------------------------|--|
| 472 | Access Control | Acre | Payment Rate | Soil Erosion-Classic Gully; Ephemeral Gully; Sheet and Rill; & Streambank Water Quality-Harmful levels of Pathogens in 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. |
| 316 | Animal Mortality Facilities | Number | Payment Rate | Water Quality-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 | Payment Rate | Plant Condition-Productivity, health and vigor; Noxious and invasive plants; Forage Quality and Palatability Domestic Animals-Inadequate Quantities and Quality of Feed and Forage | 10 yr. | In conjunction with prescribed grazing plan. |
| 102 | CAP - Comprehensive Nutrient Management Plan (CNMP) | Number | Payment Rate | Water Quality-Excessive nutrients and organics in surface water and groundwater | 1 yr. | Payment for a Technical Service Provider to develop a CNMP. |
| 327 | Conservation Cover | Acre | Payment Rate | Soil Erosion-Sheet and rill & Ephemeral Gully Fish & Wildlife-Inadequate cover/shelter; & Food; T & E species | 5 yr. | Payment for seeding area down for summer construction. Summer construction must occur between June 15 th and Oct 15 th . |
| 317 | Composting Facility | Acre | Payment Rate | Water Quality-Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water | 15 yr. | As a component of a CNMP. |

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| 340 | Cover Crop | Acre | Payment Rate | Soil Erosion-Sheet and Rill, Ephemeral & Classic gully Soil Condition-Soil Organic Matter Depletion Plant Condition-Productivity, Health, & Vigor | 1 yr. | |
| 342 | Critical Area Planting | Acre | Payment Rate | Soil Erosion-Sheet and rill; Ephemeral & Classic Gully Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water | 10 yr. | Stabilize areas where vegetation is difficult to establish. This is used on structural practices after construction. |
| 362 | Diversion | Feet | Payment Rate | Water Quality-Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water | 10 yr. | As a component of a CNMP. |
| 382 | Fence | Feet | Payment Rate | Domestic Animals-Inadequate Quantities and Quality of Feed and Forage Plant Condition-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 | Payment Rate | Soil Erosion-Classic gully & Streambank Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water | 15 yr. | |
| 412 | Grassed Waterway | Acre | Payment Rate | Soil Erosion-Ephemeral & Classic gully Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water | 10 yr. | Practice may be used in combination with 606-subsurface drain and 342-critical area planting. Payment does cover fabric installed in waterway. |

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| 561 | Heavy Use Protection | Acre | Payment Rate | 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. |
| 430 | Irrigation Pipeline | Feet | Payment Rate | Water Quantity–Inefficient water use on irrigated land | 20 yr. | Conversion to a more efficient irrigation system. |
| 441 | Irrigation System, Microirrigation | Acre | Payment Rate | Water Quantity–Inefficient water use on irrigated land | 15 yr. | Conversion to a more efficient irrigation system. |
| 484 | Mulching | Acre | Payment Rate | Soil Erosion–Sheet & Rill; Ephemeral Gully | 1 yr. | Included with new ground disturbing activities. |
| 512 | Forage & Biomass Planting | Acre | Payment Rate | Domestic Animals–Inadequate Stock Water Plant Condition–Productivity Health and Vigor; Forage Quality and Palatability | 5 yr. | Converting cropland or renovation of hayland. Used for both cool and warm season grasses. |
| 516 | Pipeline | Feet | Payment Rate | Domestic Animals–Inadequate Stock Water Plant Condition–Productivity Health and Vigor; Forage Quality and Palatability | 20 yr. | In conjunction with prescribed grazing plan. |
| 378 | Pond | Number | Payment Rate | Domestic Animals–Inadequate stock water Soil Erosion–Classic Gully Water Quality–Excess Nutrients and Organics 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. |

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| 528 | Prescribed Grazing | Acre | Payment Rate | <p>Plant Condition-Productivity, Health, and Vigor; Forage Quality and Palatability</p> <p>Domestic Animals-Inadequate Quantities and Quality of Feed & Forage</p> <p>Water Quality-Excessive Nutrients and Organics in Ground and Surface Water; Excessive Suspended Sediment and Turbidity in Surface Water</p> | 1 yr. | A one time payment made in the FY after all associated grazing practices are installed and the 528 standard is met. |
| 523 | Pumping Plant | Number | Payment Rate | <p>Domestic Animals-Inadequate Stock Water</p> <p>Plant Condition-Productivity, Health, and Vigor</p> | 15 yr. | In conjunction with prescribed grazing plan. |
| 367 | Roofs & Covers | Number | Payment Rate | Water Quality-Excessive Nutrients & Organics in Ground & Surface Water; Harmful levels of Pathogens in Ground & Surface water | 10 yr. | As a component of CNMP |
| 798 | Seasonal High Tunnels | SQ Feet | Payment Rate | Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water | 4 yr. | National Initiative, maximum cost share is based on 2178 square feet. |
| 632 | Solid/Liquid Waste Separation Facility | Number | Payment Rate | <p>Water Quality-Excessive Nutrients & Organics in Ground & Surface Water; Harmful levels of Pathogens in Ground & Surface water</p> <p>Soil Condition-Contamination - Animal Waste and Other Organics (N, P, & K)</p> | 15 yr. | As a Component of CNMP |

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| 606 | Subsurface Drain | Feet | Payment Rate | Soil Erosion-Sheet & Rill, Ephemeral 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. |
| 600 | Terrace | Feet | Payment Rate | Soil Erosion-Sheet & Rill; Ephemeral Gully Water Quality-Excessive Sediment & Turbidity in Surface Water | 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 | Fish & Wildlife-Inadequate Cover/Shelter; and Food; T & E Species Plant Condition-Productivity, Health and Vigor | 15 yr. | Woodland Stewardship Plan required. |
| 490 | Tree/Shrub Site Preparation | Acre | Payment Rate | Fish & Wildlife-Inadequate Cover/Shelter; and Food; T & E Species Plant Condition-Productivity, Health and Vigor | 1 yr. | |
| 620 | Underground Outlet | Feet | Payment Rate | 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. |
| 313 | Waste Storage Facility | Number | Payment Rate | 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 |
| 360 | Waste Impoundment Closure | Acre | Payment Rate | Soil Condition-Contaminants- Animal Waste and other Organics | 15 yr. | As a component of CNMP |

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| | | | | (N, P, & K) Water Quality-Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water | | |
| 638 | Water and Sediment Control Basin | Number | Payment Rate | 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. |
| 642 | Water Well | Number | Payment Rate | Domestic Animals-Inadequate Water | 20 yr. | Used for watering of livestock in a grazing system only. |
| 614 | Watering Facility | Number | Payment Rate | Domestic Animals-Inadequate Water | 20 yr. | Used for watering of livestock grazing system only. |
| 380 | Windbreak/Shelterbelt Establishment | Acre | Payment Rate | Fish & Wildlife-Inadequate Cover/Shelter; and Food; T & E Species Plant Condition-Productivity, Health and Vigor | 15 yr. | Requires a tree planting plan. |
| 911 | <i>Technical Assistance Design</i> | <i>Number</i> | <i>100% AM</i> | <i>Soil Erosion/Water Quality</i> | <i>----</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>----</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>----</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.

2/ Practice Service Life- Length of time the practice is to be maintained.

The maximum EQIP payment a participant will receive for all components included in a grazing system is \$50,000.00.

Historically Underserved clients receive a higher payment rate.

The maximum feet eligible per acre for payment through practice code 441 Microirrigation is 1,800 ft and the maximum amount of acres per contract is 40 acres.