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Definitions:

AMA: Agricultural Management Assistance Program

AQ: Practices that support the aquaculture Initiative available through EQIP

WLFW-BT: Practices that support “Bog Turtle” under the Working Lands for Wildlife (EQIP) initiative.

NOFEI: Practices that support the Energy Initiative offered through EQIP

NOI: Practices that support the Organic Initiative offered through EQIP

EQIP: Environmental Quality Incentives Program

WLFW-GWW: Practices that support “Golden Winged Warbler” under the Working Lands for Wildlife (EQIP) initiative.

HU: Payment rate for Historically Underserved program participants

NWQI: Practices that support the National Water Quality Initiative available through EQIP.

RE: Regular Payment rate

SH: practices that support Soil Health initiative available through EQIP

Note: All practices are available under EQIP are also available under the Organic Initiative.

Conservation Activity Plans

Agricultural Energy Management Plan (128)

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
Small, One Enterprise	Each	Typical operation has < 300 Acres, < 300 AU, Up to two irrigation pumps, < 20,000 sq ft of heated greenhouse, or a maple syrup enterprise	EQIP	\$1,526.21	\$1,831.46
Medium, One Enterprise	Each	Typical operation is 301-2500 Ac, 301-1000 AU, 3-6 Irrigation Pumps, or 20,001 to 40,000 sq ft heated greenhouse	EQIP	\$1,895.16	\$2,274.19
Large, One Enterprise	Each	Typical operation has either > 2,500 Ac, >1000 AU, More than 7 irrigation pumps, or > 40,001 sq ft of heated greenhouse	EQIP	\$2,495.95	\$2,995.14
Small, Two Enterprises	Each	Two enterprises as defined in the ASABE S612 Standard. Typical operation has < 300 Acres, < 300 AU, Up to two irrigation pumps, < 20,000 sq ft of heated greenhouse, or a maple syrup enterprise	EQIP	\$2,356.26	\$2,827.51
Medium Two Enterprises	Each	Two enterprises as defined in the ASABE S612 Standard. Typical operation is 301-2500 Ac, 301-1000 AU, 3-6 Irrigation Pumps, or 20,001 to 40,000 sq ft heated greenhouse	EQIP	\$3,186.31	\$3,823.57
Large, Two Enterprises	Each	Two enterprises as defined in the ASABE S612 Standard. Typical operation has either > 2,500 Ac, >1000 AU, More than 7 irrigation pumps, or > 40,001 sq ft of heated greenhouse	EQIP	\$4,349.32	\$5,219.18
Small, Three Enterprises	Each	Three enterprises as defined in the ASABE S612 Standard. Typical operation has < 300 Acres, < 300 AU, Up to two irrigation pumps, < 20,000 sq ft of heated greenhouse, or a maple syrup enterprise	EQIP	\$2,725.21	\$3,270.25
Medium, Three Enterprises	Each	Three enterprises as defined in the ASABE S612 Standard. Typical operation is 301-2500 Ac, 301-1000 AU, 3-6 Irrigation Pumps, or 20,001 to 40,000 sq ft heated greenhouse	EQIP	\$3,555.26	\$4,266.31
Large, Three Enterprises	Each	Three enterprises as defined in the ASABE S612 Standard. Typical operation has either > 2,500 Ac, >1000 AU, More than 7 irrigation pumps, or > 40,001 sq ft of heated greenhouse	EQIP	\$4,784.86	\$5,741.83
Small, Four Enterprises	Each	Four enterprises as defined in the ASABE S612 Standard. Typical operation has < 300 Acres, < 300 AU, Up to two irrigation pumps, < 20,000 sq ft of heated greenhouse, or a maple syrup enterprise	EQIP	\$3,326.00	\$3,991.19
Medium, Four Enterprises	Each	Four enterprises as defined in the ASABE S612 Standard. Typical operation is 301-2500 Ac, 301-1000 AU, 3-6 Irrigation Pumps, or 20,001 to 40,000 sq ft heated greenhouse	EQIP	\$4,156.04	\$4,987.25
Large, Four Enterprises	Each	Four enterprises as defined in the ASABE S612 Standard. Typical operation has either > 2,500 Ac, >1000 AU, More than 7 irrigation pumps, or > 40,001 sq ft of heated greenhouse	EQIP	\$5,452.24	\$6,542.69

Comprehensive Nutrient Management Plan (102)

Lifespan: 1 Year

- A CNMP addresses handling, storage and land application of manure and wastewater and land treatment practices.
- Planner should coordinate an onsite meeting with the TSP and NRCS specialist to ensure common objectives are planned.

Scenario	Unit	Description	Program(s)	RE	HU
Non-Dairy Operation Less Than 300 AU with Land Application	Each		EQIP	\$6,051.35	\$7,261.61
Dairy Operation Less Than 300 AU with Land Application	Each		EQIP	\$7,2549.85	\$9,059.82
Non-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	Each		EQIP	\$7,794.50	\$9,353.39
Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	Each		EQIP	\$8,627.08	\$10,352.49
Non-Dairy Operation Greater Than or Equal to 700 AU with Land Application	Each		EQIP	\$9,415.50	\$11,298.60
Dairy Operation Greater Than or Equal to 700 AU with Land Application	Each		EQIP	\$9,593.20	\$11,511.84
Livestock Operation Less Than 300 AU without Land Application	Each		EQIP	\$5,450.60	\$6,540.72
Livestock Operation Greater Than 300 AU without Land Application	Each		EQIP	\$6,771.41	\$8,125.70
CNMP Less Than or Equal to 300 AU with Land Application (Minimal Engineer Assistance)	Each		EQIP	\$3,509.93	\$4,211.91
CNMP Less Than or Equal to 300 AU without Land Application (Minimal Engineer Assistance)	Each		EQIP	\$2,054.74	\$2,465.69
CNMP Greater Than 300 AU with Land Application (Minimal Engineer Assistance)	Each		EQIP	\$4,609.80	\$5,531.76
CNMP Greater Than 300 AU without Land Application (Minimal Engineer Assistance)	Each		EQIP	\$2,332.50	\$2,799.00

Conservation Plan Supporting Organic Transition (138)

Lifespan: 1 Year

- A conservation plan supporting organic transition is a conservation activity plan documenting decisions by producers/growers who agree to implement a system of conservation practices which assist the producer to transition from conventional farming system to an organic production system.

Scenario	Unit	Description	Program(s)	RE	HU
Conservation Plan Supporting Organic Transition	Each		EQIP	\$2,277.65	\$2,733.18
Conservation Plan Supporting Organic Transition, No local TSP	Each	No qualified TSP within 300 miles	EQIP	\$3,555.36	\$4,266.43

Drainage Water Management Plan (130)

Lifespan: 1 Year

- The objective of drainage water management is to control soil water table elevations and the timing of water discharges from subsurface or surface agricultural drainage systems, allowing the opportunity for crop use of the use of the subsurface water and nutrients.

Scenario	Unit	Description	Program(s)	RE	HU
Tile Map Available	Each		EQIP	\$1,979.90	\$2,375.88
No Tile Map Available	Each		EQIP	\$2,361.98	\$2,834.38

Feed Management Plan (108)

Lifespan: 1 Year

- Feed management plan is a farm-specific documented plan developed for a client who addresses manipulation and control of the quantity and quality of available nutrients, feedstuffs, and/or additives fed to livestock and poultry.

Scenario	Unit	Description	Program(s)	RE	HU
Feed Management Plan	Each		EQIP	\$1,802.04	\$2,162.45
Feed Management Plan – Dairy Groups	Each		EQIP	\$226.68	\$272.02

Fish and Wildlife Habitat Management Plan (142)

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
Fish and Wildlife Habitat Management Plan	Each		EQIP	\$2,418.89	\$2,902.66

Forest Management Plan (106)

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
FMP Less Than or Equal to 20 acres	Each		EQIP	\$1,024.43	\$1,229.32
FMP 21 to 100 acres	Each		EQIP	\$1,294.02	\$1,552.82
FMP 101 to 250 acres	Each		EQIP	\$2,318.45	\$2,782.14
FMP Greater Than 1000 acres	Each		EQIP	\$4,852.58	\$5,823.09

FMP 251 to 500 acres	Each		EQIP	\$3,342.89	\$4,011.46
FMP 501 to 1000 acres	Each		EQIP	\$3,882.06	\$4,658.47

Grazing Management Plan (110)

Lifespan: 1 Year					
Scenario	Unit	Description	Program(s)	RE	HU
Grazing Management Plan < 100 acres	Each		EQIP	\$1,672.43	\$2,006.91
Grazing Management Plan 100 – 500 acres	Each		EQIP	\$2,229.90	\$2,675.88
Grazing Management Plan 501 – 1500 acres	Each		EQIP	\$2,787.38	\$3,344.85
Grazing Management Plan 1501 to 5000 acres	Each		EQIP	\$3,344.85	\$4,013.82
Grazing Management Plan Greater than 5000 Acres	Each		EQIP	\$3,902.33	\$4,682.79

Integrated Pest Management Herbicide Resistance Weed Conservation Plan (154)

Lifespan: 1 Year					
Scenario	Unit	Description	Program(s)	RE	HU
IPM Herbicide Resistant Weed Management, Small ≤ 50 acres	Each		EQIP	\$1,706.40	\$2,047.68
IPM Herbicide Resistant Weed Management, Medium 51 – 250 acres	Each		EQIP	\$2,218.32	\$2,661.98
IPM Herbicide Resistant Weed Management, Large > 250 acres	Each		EQIP	\$3,412.80	\$4,095.36

Integrated Pest Management Plan (114)

Lifespan: 1 Year					
Scenario	Unit	Description	Program(s)	RE	HU
IPM Small – Specialty Less than 50 Acres	Each		EQIP	\$1,422.00	\$1,706.40
IPM Medium 51 – 250 Acres	Each		EQIP	\$1,820.16	\$2,184.19
IPM Large – Greater than 250 Acres	Each		EQIP	\$2,844.00	\$3,412.80

Irrigation Water Management Plan (118)

Lifespan: 1 Year					
Scenario	Unit	Description	Program(s)	RE	HU
Irrigation Water Management Plan	Each		EQIP, NWQI	\$2,330.74	\$2,796.89
Irrigation Water Management CAP with pump test	Each		EQIP, NWQI	\$3,662.59	\$4,395.11

Nutrient Management Plan (104)

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
Nutrient Management Plan ≤ 100 acres (Not part of a CNMP)	Each		EQIP, NWQI, AQ	\$1,706.40	\$2,047.68
Nutrient Management Plan 101 – 300 acres (Not part of a CNMP)	Each		EQIP, NWQI, AQ	\$2,275.20	\$2,730.24
Nutrient Management Plan > 300 acres (Not part of a CNMP)	Each		EQIP, NWQI, AQ	\$2,844.00	\$3,412.80
Nutrient Management Plan ≤ 100 acres (Element of a CNMP)	Each		EQIP, NWQI, AQ	\$2,844.00	\$3,412.80
Nutrient Management Plan 101 – 300 acres (Element of a CNMP)	Each		EQIP, NWQI, AQ	\$3,981.60	\$4,777.92
Nutrient Management Plan > 300 acres (Element of a CNMP)	Each		EQIP, NWQI, AQ	\$4,834.80	\$5,801.76

Pollinator Habitat Enhancement Plan (146)

Lifespan: 1 Year

Scenario	Unit	Description	Program (s)	RE	HU
Pollinator Habitat Enhancement Plan	Each		EQIP	\$2,418.89	\$2,902.66
Pollinator Habitat Enhancement Plan, no local TSP	Each	No qualified TSP within 300 miles	EQIP	\$3,513.14	\$4,215.77

Prescribed Burning Management Plan (112)

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
Prescribed Burning Plan ≤ 20 acres	Each		EQIP	\$269.59	\$323.51
Prescribed Burning Plan 21 – 100 acres	Each		EQIP	\$431.34	\$517.61
Prescribed Burning Plan 101-250 acres	Each		EQIP	\$647.01	\$776.41
Prescribed Burning Plan 251 – 500 acres	Each		EQIP	\$862.68	\$1,035.22
Prescribed Burning Plan 501 – 1000 acres	Each		EQIP	\$1,078.35	\$1,294.02
Prescribed Burning Plan > 1000 acres	Each		EQIP	\$1,294.02	\$1,552.82

Conservation Practices

Access Control (472)

Lifespan: 10 Years

Scenario	Unit	Description	Program(s)	RE	HU
Monitoring and Maintenance of Sensitive Areas	Acre	Typically used for livestock control around sensitive areas. Includes gate to access area with equipment and labor to maintain area. Fencing, if needed, is contracted separately.	AMA, EQIP	\$419.43	\$475.01

Access Road (560)

Lifespan: 10 years

- Requires a waiver approved by the State Conservation Engineer and the State Resource Conservationist to document the need for an access road to address the identified resource concern(s).
 - The resource concern(s) being addressed must be adequately documented.
 - Access Road is only applicable for relocating an existing facility to a new, less sensitive area.
 - Asphalt millings are not eligible for financial assistance.

Scenario	Unit	Description	Program(s)	RE	HU
Constructed road with heavy stone base and geotextile	Ft	A compacted stone road is constructed on relatively level terrain. Poor sub-base material and/or seasonal water table issues require geotextile to keep material from pumping in stone.	EQIP	\$22.27	\$26.73
Constructed road with heavy stone base	Ft	A compacted stone road is constructed on relatively level terrain with no water table issues.	EQIP	\$17.38	\$20.85

Agrichemical Handling Facility (309)

Lifespan: 15 Years

- For scenarios with a roof, the payment is based on the square foot of the containment and storage area.
- Any apron or access ramp is not included in the payment and if needed, must be contracted separately as heavy use area protection (561).
- Associated practices may be Roof Runoff Structure (558) and Underground Outlet (620) where roof runoff needs to be conveyed to a stable outlet, Access Road (560), and/or Diversion (362).

Scenario	Unit	Description	Program (s)	RE	HU
Agrichemical Storage Mixing & Handling Pad in New building, steep site	SF	Steep site topography mandates that storage and handling area be 2' higher than loading and mixing pad. Include a secured area for chemical storage of 16'x20'. Building is enclosed except for opening to entrance and exit the mixing pad and keeps wind blown rain out.	EQIP	\$22.25	\$26.70
Convert existing building to a storage, handling, and mixing pad	SF	This practice scenario is an agrichemical handling facility for storage and mixing and loading operation in an existing building.	EQIP	\$11.01	\$13.21
Earthen Liquid Agrichemical Storage with a Handling Pad	SF	This practice scenario is an agrichemical handling facility for storage of liquid agrichemicals along with a mixing and loading pad.	EQIP	\$4.10	\$4.92
Fabricated Liquid Agrichemical Storage with a Handling Pad	SF	Due to topography, limited site space and/or geological conditions a fabricated, lined structure is needed for liquid storage area. No roof.	EQIP	\$16.38	\$19.66

Outdoor Liquid Agrichemical Storage with a Roofed Building for Dry Chemical Storage and Handling Pad	SF	This practice scenario is an agrichemical handling facility for storage of liquid agrichemicals along with a roofed mixing and loading pad that is also sized to store dry chemicals. Site soils are suitable for making a liquid tight, temporary containment.	EQIP	\$8.59	\$10.31
Agrichemical Handling Pad for mixing and loading only	SF	This practice scenario is an agrichemical handling facility for mixing and loading operations.	EQIP	\$12.77	\$15.32
Agrichemical Storage & Handling, portable pads in existing Building	SF	This practice scenario is an agrichemical storage and handling facility for mixing and loading operations within an existing structure. Floor containment is not suitable for containment, must use portable structures for spill or leak collection.	EQIP	\$14.79	\$17.74
Agrichemical Handling Pad with roof for mixing and loading no storage	SF	This practice scenario is an agrichemical handling facility for mixing and loading operations. Scenario does not include storage.	EQIP	\$22.28	\$26.74
Agrichemical Storage & Handling Pad in New building	SF	This practice scenario is an agrichemical handling facility for storage and mixing and loading operations. Layout of facility on level site.	EQIP	\$18.51	\$22.22
Dry, Bulk Storage in Roofed Concrete Bins	SF	This practice scenario is an agrichemical handling facility for storage of bulk, dry agrichemicals. The storage area consists of two bins.	EQIP	\$39.76	\$47.71

Alley Cropping (311)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Alley Cropping, single row	Each	The crop or grass land is planted with rows of trees to increase crop diversity.	AMA, EQIP	\$19.85	\$23.61
3 row alley cropping	Acre	Cropland is planted with trees in 3-row sets with 40 foot alleyways in between.	AMA, EQIP	\$555.20	\$629.34

Amending Soil Properties with Gypsum Products (333)

Lifespan: 1 Year

- A current soil test (no more than one year old) is needed prior to applying gypsum. The soil test must include, in addition to the basic test, an analysis for cation exchange capacity, calcium, and magnesium.
- A chemical analysis of the gypsum product must be given to the field office prior to implementing the practice to ensure the product meets the Conservation Practice Standard.
- Practice is available for up to 3 years.

Scenario	Unit	Description	Program(s)	RE	HU
Gypsum greater than 1 ton per acre	Ac	Gypsum application of more than one ton/acre rate (typical average 1.5 tons/acre) to improve surface water quality due to phosphorus, pathogens, and soil health (Ca/Mg ratio). Scenario to be used in combination with an implemented nutrient management plan.	AMA, EQIP	\$47.41	\$56.89
Gypsum less than 1 ton per acre rate	Ac	Gypsum application of less than or equal to one ton/acre rate (typical average 1 tons/acre) to improve surface water quality due to phosphorus, pathogens, and soil health (Ca/Mg ratio). Scenario to be used in combination with an implemented nutrient	AMA, EQIP	\$28.03	\$33.63

Animal Mortality Facility (316)

Lifespan: 15 Years

- The facility shall be sized to process on-site animal mortalities only. Animals from off-site sources are not permitted.
- Associated practices may be Roofs and Covers (367), Fence (382), Heavy Use Area Protection (561), and Roof Runoff Structures (558).
- Applicants must have a Comprehensive Nutrient Management Plan (CNMP) in place prior to application for animal mortality facility. No Technical Service Provider(TSP) funds may be added to EQIP contracts to develop CNMPs. Producers interested in receiving financial assistance to develop a CNMP may sign up for a Conservation Activity Plan (Standard 102).

Scenario	Unit	Description	Program(s)	RE	HU
Static Pile, Earthen Pad	SF	A compacted earthen surface for a static windrow and single pile.	EQIP	\$145.83	\$218.74
Static Pile, Gravel Pad	SF	A gravel surface for a static pile or windrow.	EQIP	\$131.05	\$196.57
Static Pile, Concrete pad	SF	A concrete pad for a static pile or windrow. Suitable for permeable soils where gravel or earthen surface is not sufficient.	EQIP	\$68.93	\$103.39
Static Pile, Concrete with curbs	SF	A concrete pad with curbs for a static pile or windrow. Suitable for permeable soils where gravel or earthen surface is not sufficient.	EQIP	\$51.47	\$77.20
Static Pile, Wood Bins	SF	A concrete pad with wood bins.	EQIP	\$30.66	\$43.23
Static Pile, Concrete Bins	SF	A concrete pad with concrete bins.	EQIP	\$0.61	\$0.73
< 50 CF Incineration Chamber	CF	A type IV manufactured incinerator. Suitable for facilities with less than 350 lbs. of average daily mortality. This scenario is not typically least cost unless significant average daily mortalities exist. This type of facility is expensive to operate with limited mortalities. CF for payment is based on the manufacture literature.	EQIP	\$1.15	\$1.38
50 to 100 CF Incineration Chamber	CF	A type IV manufactured incinerator. Suitable for facilities with 350 to 850 lbs. of average daily mortality. This scenario is not typically least cost unless significant average daily mortalities exist. This type of facility is expensive to operate with limited mortalities. CF for payment is based on the manufacture literature.	EQIP	\$5.38	\$6.46
> 100 CF Incineration Chamber	CF	A type IV manufactured incinerator. Suitable to handle a single 1,200 to 1,500 lb. mortality. This scenario is not typically least cost unless significant average daily mortalities exist. This type of facility is expensive to operate with limited mortalities. CF for payment is based on the manufacture literature.	EQIP	\$5.72	\$6.87
< 700 CF In vessel Rotary Drum	CF	This facility is designed to handle between 250 to 600 lbs. per day of mortality. This scenario is not typically least cost unless significant average daily mortalities exist. CF for payment is based on the manufacture literature.	EQIP	\$14.68	\$17.61
In vessel Rotary Drum 700 or more CF	CF	This facility is designed to handle over 600 lbs. per day of mortality. This scenario is not typically least cost unless significant average daily mortalities exist. CF for payment is based on the manufacture literature.	EQIP	\$11.71	\$14.05
Freezer	Each	This scenario is used to manage extremely environmentally sensitive situations and manage mortalities before they can be removed from the property and handled according to state regulations. Concrete slab to support freezer is included in the payment.	EQIP	\$4,377.81	\$5,253.38

Aquaculture Ponds (397)

Lifespan: 10 Years

- An aquaculture pond system is only eligible if an aquaculture producer has one or more of the following resource concerns: excessive seepage or frequent release of nutrient laden aquaculture water, or potential loss of non-native aquaculture production fish species to the native environment.

Scenario	Unit	Description	Program (s)	RE	HU
Aquaculture Pond	Ac	The construction of an aquaculture pond to facilitate the efficient collection and transfer of waste, the containment of cultured fish, efficient use of water and the maintenance of water quality. The resource concerns addressed include excess nutrients in surface and ground waters, inefficient water use, and habitat degradation. Costs include all equipment necessary to excavate, grade and shape an aquaculture pond. Water Control Structure and Seeding not included.	EQIP	\$19,925.20	\$23,910.24
Aquaculture Pond with Kettle	Ac	Includes a harvest kettle constructed with reinforced concrete.	EQIP	\$24,620.86	\$29,545.04
Aquaculture Pond with Rock bottom	Ac	Includes gravel placed in pond bottom as required for certain species of fish.	EQIP	\$40,476.33	\$48,571.59

Aquatic Organism Passage (396)

Lifespan: 5 Years

- Contact your local biologist to determine which scenario is applicable based on site conditions and contact your local engineer for any structural measures.

Scenario	Unit	Description	Program(s)	RE	HU
Concrete Dam Removal	CY	Full or partial removal of a concrete dam to restore aquatic organism passage	EQIP	\$124.62	\$149.55
Earthen Dam Removal	CY	Full removal of an earthen dam to restore aquatic organism passage	EQIP	\$53.32	\$63.98
Blockage Removal	CY	Removal of passage barriers, including small relict earthen diversions, failing or undersized culvert, and sediment or large woody material (>10 cm diameter and 2m length) from mass wasting or major flood events.	EQIP	\$85.22	\$102.26
Nature-Like Fishway	Ac	Roughened channels, rock ramps, or bypass channels are constructed to provide passage around an in-stream barrier or in-place of a removed barrier	EQIP	\$87,352.47	\$104,822.96
Concrete Ladder	VF	Formed, reinforced, poured-in-place concrete structures outfitted with baffles (Denil), vertical slots, pools and weirs, submerged orifices, chutes or some combination thereof to provide upstream passage for aquatic organisms over dams and other hydraulic structures. Payment is based on the barrier height in feet	EQIP	\$25,452.91	\$30,543.49
Corrugated metal pipe (CMP) culvert	Each	A corrugated metal (galvanized steel or aluminum) pipe culvert (CMP) of any shape (round, elliptical, or squash) used at a road-stream crossing to provide aquatic organism passage (AOP) and promote stream ecological and geomorphic function. CMPs used for AOP are sized according to geomorphic analyses, not just an estimate of runoff and streamflow at the site from the contributing watershed.	EQIP	\$41,925.71	\$50,310.85
Bottomless Culvert	Each	A multi-plate galvanized steel or aluminum culvert (arch or box) used at a road-stream crossing to provide aquatic	EQIP	\$48,429.58	\$58,115.49

		organism passage (AOP) and promote stream ecological and geomorphic function. They commonly attach to preformed reinforced or poured-in-place concrete footings. Bottomless culverts used for AOP are sized according to geomorphic analyses, not just an estimate/			
Concrete Box Culvert	Each	A four-sided precast concrete box (square or rectangular) culvert used at a road-stream crossing to provide aquatic organism passage (AOP) and promote stream ecological and geomorphic function. Concrete box culverts are generally available in sections of 1-foot increments. Concrete box culverts used for AOP are sized according to geomorphic analyses, not just an estimate.	EQIP	\$2,619.47	\$3,143.37
Bridge	LF	Payment is based on linear feet of bridge deck. A channel-spanning structure that carries a road or trailway across a river or stream.	EQIP	\$12,857.21	\$15,428.65
Complex Denil	VF	Denil fishways are roughened chutes that employ baffles connected to the walls and floor of the chute to provide near continuous energy dissipation throughout the fishway length. Denils are often reinforced, poured-in-place concrete structures outfitted with removable baffles constructed with treated wood that fits into channels incorporated into the ladder walls.	EQIP	\$59,203.27	\$71,043.92
Alaskan Steeppass	VF	Alaskan Steeppass fishways are roughened chutes that employ baffles connected to the walls and floor of the chute to provide near continuous energy dissipation throughout the fishway length. A steeppass is constructed of welded aluminum at an offsite facility that is later transported to the project site and lowered in place with a boom truck or crane. Steeppasses can be composed of a single length of chute, or chutes connected by reinforced, poured-in-place resting/turn pools at complex or higher barrier sites.	EQIP	\$8,747.33	\$10,496.80
Low Water Crossing	CY	Structure installed on low volume or on unimproved roads at watercourse crossings. Primary use is to allow livestock and equipment access to other parcels of land or operational units.	EQIP	\$569.03	\$682.83
Paddlewheel screen	GPM	A fish screen used at surface (gravity) diversions intended to prevent juvenile or small-bodied adult fish from entering ditches, canals, laterals or other pathways that lead to migration dead-ends or sources of mortality.	EQIP	\$16.59	\$19.91
Rotating Drum Screen	GPM	A fish screen used at surface (gravity) diversions intended to prevent juvenile or small-bodied adult fish from entering ditches, canals, laterals or other pathways that lead to migration dead-ends or sources of mortality	EQIP	\$2.09	\$2.51

Bivalve Aquaculture Gear and Biofouling Control (400)

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
Infauanal Culture Yr-1	Ac	This scenario describes the implementation of aquaculture gear and biofouling control on 1 acre of bivalves that are seeded IN the substrate of the ocean floor and tended and grown for two to three years until they reach marketable size.	EQIP	\$2,815.20	\$3,378.24
Infauanal Culture Yrs 2-3	Ac	This scenario describes the implementation of aquaculture gear and biofouling control on 1 acre of bivalves that are seeded IN the substrate of the ocean floor and tended and	EQIP	\$2,674.44	\$3,209.33

		grown for two to three years until they reach marketable size.			
50,000 Epifaunal Culture Yr-1	Ea	This scenario describes the implementation of aquaculture gear and biofouling control for raising 50,000 bivalves ON or NEAR the substrate of the ocean floor, for three or more years until they reach marketable size.	EQIP	\$4,222.80	\$5,067.36
50,000 Epifaunal Culture Yrs 2-3	Ea	This scenario describes the implementation of aquaculture gear and biofouling control for raising 50,000 bivalves ON or NEAR the substrate of the ocean floor, for three or more years until they reach marketable size.	EQIP	\$4,222.80	\$5,067.36
100,000 Epifaunal Culture Yr-1	Ea	This scenario describes the implementation of aquaculture gear and biofouling control for raising 100,000 bivalves, usually oysters, ON or NEAR the substrate of the ocean floor, for three or more years until they reach marketable size.	EQIP	\$8,445.60	\$10,134.72
100,000 Epifaunal Culture Yrs 2-3	Ea	This scenario describes the implementation of aquaculture gear and biofouling control for raising 100,000 bivalves, usually oysters, ON or NEAR the substrate of the ocean floor, for three or more years until they reach marketable size.	EQIP	\$8,445.60	\$10,134.72
500,000 Epifaunal Culture Yr-1	Ea	This scenario describes the implementation of aquaculture gear and biofouling control for raising 500,000 bivalves, usually oysters, ON or NEAR the substrate of the ocean floor, for three or more years until they reach marketable size.	EQIP	\$42,228.00	\$50,673.60
500,000 Epifaunal Culture Yrs 2-3	Ea	This scenario describes the implementation of aquaculture gear and biofouling control for raising 500,000 bivalves, usually oysters, ON or NEAR the substrate of the ocean floor, for three or more years until they reach marketable size.	EQIP	\$42,228.00	\$50,673.60
1 mil Epifaunal Culture Yr-1	Ea	This scenario describes the implementation of aquaculture gear and biofouling control for raising >= 1 million bivalves, usually oysters, ON or NEAR the substrate of the ocean floor, for three or more years until they reach marketable size.	EQIP	\$84,456.00	\$101,347.20
1 mil Epifaunal Culture Yrs 2-3	Ea	This scenario describes the implementation of aquaculture gear and biofouling control for raising >=1 million bivalves ON or NEAR the substrate of the ocean floor, for three or more years until they reach marketable size.	EQIP	\$84,456.00	\$101,347.20

Brush Management (314)

Lifespan: 10 Years

- The selected scenario should be based on the conditions present or expected to be present at the time the practice is scheduled in the contract. If implementation is delayed by any action or inaction of the participant, there will be no contract modification to use a higher payment scenario.
- To contract, determine what percentage of the field is infested and contract that percentage of the field with the equipment type needed. For example, if there is a 10 acre field that is 50% infested, contract 5 acres.
- The amount to be treated will be identified in the Forest Management Plan, Prescribed Grazing Plan, or identified as beneficial to wildlife through the resource documentation process.
- For EQIP prescribed grazing systems, the practice is eligible for payment provided it is in an area of light infestation.
 - Under EQIP, clearing of heavy infestations to develop pasture is an indication of a land use change for production purposes. Land that has been abandoned for over 5 years and has converted to woodland is not eligible for EQIP

assistance. If it can be documented that a change in production meets all of the requirements in M_440_515.81 a waiver of this policy can be granted by the State Conservationist.

- Brush management on cropland is ineligible for payment. Payment for the suppression of noxious and invasive weeds on noncropland is allowed as part of the incurred cost to facilitate implementation of an NRCS approved conservation practice (M_440_521.71).
- **When planning multiple years of Brush Management, refer to NJ bulletin 300-17-5.**

Scenario	Unit	Description	Program (s)	RE	HU
Hand tools	Ac	Using hand tools, such as axes, shovels, hoes, nippers, brush pullers, and chainsaws to remove or cut off woody plants below the root collar.	AMA, EQIP	\$237.51	\$285.01
Hand Tools and Chemical Treatment	Ac	Using hand tools, such as axes, shovels, hoes, nippers, brush pullers, and chainsaws to remove or cut off woody plants below the root collar. Includes chemical spot treatment.	AMA, EQIP	\$352.21	\$422.65
Mechanical Control, Light Equipment	Ac	Light equipment control such as brush hogging	AMA, EQIP	\$88.56	\$106.27
Mechanical Control, Heavy Equipment	Ac	Heavy Equipment control such as masticator, flail shredder, hydro axe, brush cutter, etc.	AMA, EQIP	\$516.57	\$619.89
Light Mechanical and Chemical Control	Ac	Light equipment control such as a brush hog with follow-up spot treatment	AMA, EQIP	\$358.94	\$430.72
Chemical Control, Individual Plant Treatment	Ac	Individual spot treatment, individual plant chemical control (basal or foliar).	AMA, EQIP	\$158.42	\$190.10
Chemical Control, Intense Individual Plant Treatment	Ac	Individual spot treatment, individual plant chemical control (basal or foliar). Intense control is application around 100 stems per acre for heavy brush in a sensitive area such as Bog Turtle Habitat.	AMA, EQIP	\$596.64	\$715.97
Chemical Control, Aerially Applied	Ac	Aerial broadcast of low cost chemicals	AMA, EQIP	\$53.39	\$64.07
Mechanical, Medium, 2 to 4 inch DBH	Ac	Removal of medium woody vegetation (2 to 4 inches DBH) of medium infestations on gentle sloping to moderately deep to deep soils.	AMA, EQIP	\$353.64	\$424.37

Building Envelope Improvement (672)

Lifespan: 10 Years

- Must be supported by an Agricultural Energy Management Plan or an Energy Audit that is less than 5 years old.
- Scenarios must be selected in consultation with the State Energy Coordinator.

Scenario	Unit	Description	Program(s)	RE	HU
Attic Insulation	SF	Install a minimum of R-7 insulation in addition to existing attic or ceiling to reduce heat transfer.	EQIP	\$0.69	\$0.82
Wall Insulation	SF	Enclose both sidewalls and endwalls from ceiling to floor in one of two manners: 1) metal exterior, 3.5" fiberglass batts (R-11), vapor barrier, & interior plywood or OSB sheathing, or 2) closed-cell polyurethane foam application (minimum 1" thickness (R-7) of 2.5 lbs/cu.ft. or higher density, (3.0 or higher density preferred) with a form of physical protective barrier on lower 2' (may be 6 lbs/cu.ft. or higher density 1/8" thick foam, or treated lumber).	EQIP	\$1.67	\$2.01
Sealant	Ft	Gaps are sealed between walls, gables, ceiling, etc.	EQIP	\$1.45	\$1.74

Greenhouse Screens	SF	The mechanical energy screen system consists of a drive motor, support cables, controls, and shade material, which may be woven, knitted, or non-woven strips of aluminum fiber, polyethylene, nylon or other synthetic material.	EQIP	\$1.56	\$1.88
Greenhouse Insulation, Unglazed Walls	SF	A typical scenario is the installation insulation in green house to address energy loss.	EQIP	\$0.24	\$0.29
Spray Foam Insulation	SF	Spray foam insulation is installed to the thickness to the appropriate R value in the walls and the ceilings of a walk-in refrigeration unit. Payment is based on the square footage of the installed area regardless of applied thickness.	EQIP	\$1.93	\$2.32
Wall Insulation Only	SF	Increase insulation value to R-15 by adding insulation to side walls.	EQIP	\$0.69	\$0.82

Channel Bed Stabilization (584)

Lifespan: 10 Years

Scenario	Unit	Description	Program (s)	RE	HU
Bioengineering	SF	The bottom and slope of a stream channel is stabilized using bioengineering methods. Bio-engineering methods include live stakes, fascines, plantings, bare-root stock, willow waddles, and live stakes. Re-vegetation of exposed surfaces is completed using Critical Area Planting (342). The typical stream has a 50 foot bottom width and 6 foot banks. The length stabilized is around 100 feet. The entire area is planted at a 2 x 2 grid with live stakes, potted plants, and a bare root mix.	EQIP	\$3.02	\$3.62
Rock structures	CY	The bottom and slope of a stream channel is stabilized using rock rip-rap or engineered products of rock or concrete. Engineered products include, but are not limited to, gabions, rock veins, rock weirs, and concrete blocks. The typical stream has a 50 foot bottom width and 6 foot banks. The stabilized length is 100 feet.	EQIP	\$52.81	\$63.37
Wood structures	Each	The bottom and slope of a stream channel is stabilized using engineered wood structures. Structures include, but are not limited to, toe wood, log weirs, log vanes, root wads, and log step pools. Structures are typically spaced at 50 foot intervals. Re-vegetation of exposed surfaces will be completed using 342 - Critical Area Planting. The typical stream has a 50 foot bottom width and 6 foot banks. The stabilized length is 100 feet.	EQIP	\$1,944.82	\$2,333.79

Combustion System Improvement (372)

Lifespan: 10 Years

- This practice is only eligible for payment on land that has been irrigated 2 of the past 5 years. The engine being replaced must be a functioning gas or diesel engine that serves an existing irrigation system. Evidence that the engine was completely disabled must be provided before payment is made. The replacement engine must be properly sized for the irrigation system (new or existing).
- If this practice is addressing an air quality resource concern it must be at least a Tier IV engine as per the US EPA non-road and stationary emissions regulations.

Scenario	Unit	Description	Program (s)	RE	HU
IC Engine Repower, < 50 bhp	HP		EQIP	\$162.27	\$194.73

IC Engine Repower, 50-99 bhp	HP		EQIP	\$160.21	\$192.25
IC Engine Repower, 100-199 bhp	HP		EQIP	\$166.94	\$200.33
IC Engine Repower, >=200 bhp	HP		EQIP	\$146.31	\$175.57
Electric Motor in-lieu of IC Engine, < 12 HP	Each		EQIP	\$1,201.84	\$1,442.20
Electric Motor in-lieu of IC Engine, 12-74 HP	Each		EQIP	\$5,175.23	\$6,210.28
Electric Motor in-lieu of IC Engine, 75-149 HP	Each		EQIP	\$6,496.84	\$7,796.21
Electric Motor in-lieu of IC Engine, 150-299 HP	Each		EQIP	\$19,504.17	\$23,405.01
Electric Motor in-lieu of IC Engine, >=200 HP	Each		EQIP	\$38,643.23	\$46,371.88

Composting Facility (317)

Lifespan: 15 Years

- The payment is limited to the extent required to compost organic materials generated or utilized by the applicant's operation.
- Applicant must have an approved Comprehensive Nutrient Management Plan (CNMP) if composting animal waste or a Nutrient Management Plan for all other facilities.
- Associated Practices may include Roof and covers (367), Fence (382) and Roof runoff structure (558).

Scenario	Unit	Description	Program (s)	RE	HU
Bins, wood or concrete walls, on concrete slab	SF	Concrete under bins with wood or concrete walls	EQIP	\$11.54	\$13.84
Windrow, compacted earthen floor	SF	A compacted earthen floor is installed to act as a working area to compost organic material in a static pile	EQIP	\$0.26	\$0.31
Windrow, gravel surface	SF	A gravel surface is installed to act as a working area to compost organic material in a static pile. Site conditions do not permit an earthen surface, but a hard working surface (concrete) is not needed.	EQIP	\$1.03	\$1.24
Windrow, Concrete surface	SF	A concrete pad is installed as a working area to compost organic material in a static pile. Site conditions require a hard working surface such as concrete.	EQIP	\$5.54	\$6.65

Conservation Cover (327)

Lifespan: 5 Years

- For pollinator habitat, it is *recommended* that a minimum of ¼ acre of pollinator habitat be planted for each 25 acres of cropland. The habitat should be established in close proximity to active cropland.
- Conversion of cool season grass to warm season grass is not eligible for financial assistance unless the conversion is documented through the WHSI as being necessary to meet planning criteria. Waivers for this policy that include documentation of site conditions and a justification of why the conversion is needed despite WHSI ranking will be considered, when necessary.

Scenario	Unit	Description	Program (s)	RE	HU
Introduced Mix	Ac	The mix consists of perennial grasses with legumes and/or forbs	AMA, EQIP	\$125.59	\$150.70

Native Species	Ac	The mix typically includes 70 to 90 percent native perennial grasses and 10 to 30 percent native forbs and legumes..	AMA, EQIP	\$139.92	\$167.90
Orchard or Vineyard Alleyways	Ac	A permanent cover is installed in the alleyways between rows.	AMA, EQIP	\$85.85	\$103.01
Pollinator Species	Ac		AMA, EQIP	\$425.47	\$542.47
Monarch Species Mix	Ac		AMA, EQIP	\$670.89	\$805.07
Pacific Island Area Conservation Cover	Ac		AMA, EQIP	\$760.25	\$912.31
Caribbean Area Conservation Cover Introduced Species	Ac		AMA, EQIP	\$142.15	\$170.57
Caribbean Orchard or Vineyard Alleyways	Ac		AMA, EQIP	\$142.15	\$170.57
Pacific Islands Conservation Cover	Ac		AMA, EQIP	\$141.88	\$170.26

Conservation Crop Rotation (328)

Lifespan: 1 Year

- The applicant needs to include three or more crops in the rotation, not including a cover crop.
- RUSLE calculations must be in the file documenting the current and proposed crop rotations.
- For the purpose of improving soil quality, the rotation must meet all criteria, including a positive organic matter subfactor value over the life of the rotation as determined by the Soil Conditioning Index (SCI).
- Practice payments are not authorized for rotation already adopted.
- The proposed crop rotation must be documented to meet HEL compliance for all HEL fields.
- Associated practices may include Residue Management (329) and Cover Crop (340).
- Producer needs to provide five years of FSA cropping records to show the past rotation history.
- All fields enrolled must incorporate the change in the rotation during the length of the contract.

Scenario	Unit	Description	Program (s)	RE	HU
Standard Crop Rotation	Ac	A planned rotational cropping sequence as part of a conservation management system to reduce soil erosion, maintain or improve soil organic matter, balance nutrients, and manage plant pests. A planned rotational cropping system includes the planned crop sequence, total length of rotation, crop types grown, and the length of time each crop will be grown.	AMA, EQIP	\$4.73	\$5.68
Specialty Crop Rotation	Ac	Specialty crops include high value fruits and vegetables. A planned rotational cropping sequence as part of a conservation management system to reduce soil erosion, maintain or improve soil organic matter, balance nutrients, and manage plant pests. A planned rotational cropping system includes the planned crop sequence, total length of rotation, crop types grown, and the length of time each crop will be grown.	AMA, EQIP	\$25.24	\$30.28
Rice Residue Management for Waterfowl	Ac		AMA, EQIP	\$2.85	\$3.41

Constructed Wetland (656)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Small <0.1 ac	SF	This practice scenario includes the basic earthwork and native and/or organic wetland vegetation needed to create a constructed wetland to treat contaminated agricultural runoff. All other components, such as water control structures, dikes or upstream sediment basins, must be paid for under facilitating practices	EQIP	\$0.53	\$0.63
Medium 0.1 to 0.5 ac	Ac		EQIP	\$12,047.79	\$14,457.34
Large > 0.5 ac	Ac		EQIP	\$8,504.22	\$10,205.07

Contour Buffer Strips (332)

Lifespan: 5 Years

- The payment is for the acres seeded to the buffer area only.

Scenario	Unit	Description	Program (s)	RE	HU
Native Species, Foregone Income (Organic and Non-organic)	Ac		AMA, EQIP	\$461.38	\$478.42
Introduced Species, Foregone Income (Organic and Non-Organic)	Ac		AMA, EQIP	\$464.22	\$481.83
Wildlife/Pollinator, Foregone Income (Organic and Non-Organic)			AMA, EQIP	\$570.95	\$609.91
Native, Foregone Income-High Value Cropland	Ac		AMA, EQIP	\$1,177.82	\$1,194.86
Introduced-High Value Cropland	Ac		AMA, EQIP	\$1,180.66	\$1,198.28
Wildlife/Pollinator-High Value Cropland	Ac		AMA, EQIP	\$1,287.39	\$1,326.35
Native Species, Foregone Income (Organic and Non-organic)	Ac		AMA, EQIP	\$461.38	\$478.42

Contour Farming (330)

Lifespan: 5 Years

Scenario	Unit	Description	Program (s)	RE	HU
Contour Farming	Ac	Ridges and furrows are formed on the contour by tillage, planting, and other farming operations to change the direction of runoff from down slope to around hillside.	AMA, EQIP	\$6.74	\$8.09

Contour Orchard and Other Perennial Crops (331)

Lifespan: 10 Years

Scenario	Unit	Description	Program (s)	RE	HU
Contour Orchards/Vineyards	Ac	The orchard, vineyard, or other perennial crop is planted so that all operations are on or near the contour to reduce soil erosion and runoff.	AMA, EQIP	\$20.23	\$24.27

Controlled Traffic Farming (334)

Lifespan: 5 Years

Scenario	Unit	Description	Program(s)	RE	HU
Controlled Traffic	Ac	This practice must be part of a conservation management system to reduce soil compaction. This practice payment considers the time needed to modify equipment, develop the technical skills necessary to effectively implement a controlled traffic farming system. The controlled traffic generally utilizes RTK automatic steering technology to locate and maintain high load field traffic. This scenario represents the costs associated with reducing the amount of surface area tracked/compacted to 33% or less.	AMA, EQIP	\$44.15	\$52.98

Cover Crop (340)

Lifespan: 1 Year

- May be contracted for multiple years on the same land. Must be scheduled in the first year of the contract and for consecutive years. Once a field has been included in a contract, that field is not eligible for the same level of cover crop on any future contract even if it was only applied once to that field. All land scheduled for cover crop in any year must be implemented, and the cover allowed to grow at least 90 days after planting for summer cover and at least 120 days for fall/winter cover, or the contract will be in violation of the terms and conditions.
- For the Soil Health Initiative, Cover Crop must be implemented for a minimum of 3 consecutive years.
- Payment for cover crop is capped at \$20,000 per year per operation. The payment is not capped for the Soil Health Initiative.
- The cover crop may be harvested for straw/hay/haylage, etc. only if the cover crop is planned for the purpose of reducing erosion from wind and water or to minimize soil compaction unless the practice is being contracted through the EQIP – Soil Health Initiative.
- Applicants are not eligible for funding for the same level of treatment of a practice they have already applied on their operation. Applicants that have done single or two species cover crop are eligible for multi-species cover crop to achieve a higher level of treatment.
- 512.34.A.(3) Payments for CP 340, Cover Crop, are limited to a maximum of five separate payments during the term of a single contract on the same land unit when CP 340 is planned and applied as a component of a complete conservation system to address resource concerns related to soil health (such as soil erosion and soil quality degradation)
- Practice can be certified and paid once the certification documentation sheet is signed and verified as meeting the standards and specifications (including planting date, seeding rate, etc.) by the field office
- **Implementation for adaptive management involves establishing replicated plots to evaluate one or more cover crop management strategies.**
 - **Trials must be repeated for 3 years and 4 plots for each treatment are required. The plots will be designed, managed, and evaluated with the assistance of a consultant, extension agent, or other person knowledgeable in cover crops and data analysis. Yields will be measured and statistically summarized following the procedures in AGR Tech Note 10. A Report of the findings is required to be given to the NRCS office. The practice will not be certified until the field office has received the report with the information analyzed as outlined in AGR Tech Note 10.**
 - **Plot size width will be 2-4 times the width of the largest piece of equipment needed and length will be 4-10 times the size of that same equipment.**

Scenario	Unit	Description	Program(s)	RE	HU
Cover Crop – Basic and organic/nonorganic	Ac		AMA, EQIP	\$62.13	\$74.55

Cover Crop Adaptive Management	Each	The practice scenario is for the implementation of cover crops in small replicated plots to allow the producer to learn how to manage cover crops on their operation. Refer to the adaptive management guidance in the eFOTG. eFOTG > Section 1 > Technical Notes > Agronomy Technical Notes > Agronomy Technical Note 10 and t eFOTG > Section 4 > Conservation Practices > Cover Crop Adaptive Management Guidance Plot size width shall be 2-4 times the width of the largest piece of equipment needed and length shall be 4-10 times the size of that same equipment.	AMA, EQIP	\$2,067.43	\$2,480.92
Cover crop multiple species organic and non-organic	Ac		AMA, EQIP	\$72.94	\$87.53
Pacific Island Area Cover Crop	Ac		AMA, EQIP	\$203.67	\$244.41
Caribbean Legume Cover Crop			AMA, EQIP	\$145.57	\$174.68

Critical Area Planting (342)

Lifespan: 10 Years

- The practice may be used to stabilize outlet areas or to establish permanent vegetation on a site nearly void of vegetation due to natural occurrence or a newly constructed conservation practice.
- Associated practice may be Mulching (484)
- Practice can be certified and paid once the certification documentation sheet is signed and verified as meeting the standards and specifications (including planting date, seeding rate, etc.) by the field office.
- Practice can be certified and paid once the implementation certification sheet is signed and verified as meeting the standards and specifications (including planting date, seeding rate, etc.) by the field office.

Scenario	Unit	Description	Program(s)	RE	HU
Vegetation-normal tillage (Organic and Non-Organic)	Ac		AMA, EQIP	\$259.02	\$310.82
Native and Introduced Vegetation - Moderate Grading	Ac		AMA, EQIP	\$581.44	\$697.73
Native or Introduced Grass/legume mix-heavy grading (Organic and Non-organic)	Ac		AMA, EQIP	\$909.89	\$1,091.86
Caribbean Critical Area Planting Heavy Grading	Ac		AMA, EQIP	\$852.87	\$1,023.44
Caribbean Critical Area Planting - Normal Tillage	Ac		AMA, EQIP	\$410.11	\$492.13
US Virgin Island Critical Area Planting - Normal Tillage	Ac		AMA, EQIP	\$684.09	\$820.90
US Virgin Islands Critical Area Planting - Heavy Grading	Ac		AMA, EQIP	\$1,319.34	\$1,583.21
Pacific Island Critical Area Planting	Ac		AMA, EQIP	\$718.00	\$861.60
Pacific Island Area Critical Area Planting			AMA, EQIP	\$1,651.01	\$1,981.21

Cross Wind Trap Strips (589C)

Lifespan: 5 Years

Scenario	Unit	Description	Program(s)	RE	HU
Cross wind trap strips, native perennials	Ac		AMA, EQIP	\$141.77	\$170.12
Cross wind trap strips, introduced perennials	Ft		AMA, EQIP	\$158.18	\$189.82

Deep Tillage (324)

Lifespan: 1 Year

- Deep tillage can only be contracted in conjunction with Cover Crop, Residue and Tillage Management - Reduced Till, or Residue and Tillage Management-No Till if needed to fracture restrictive layers.

Scenario	Unit	Description	Program (s)	RE	HU
Deep Tillage less than 20 inches	Ac	Restricted layer is fractured through deep tillage.	AMA, EQIP	\$17.34	\$20.81
Deep Tillage more than 20 inches	Ac	Restricted layer is fractured through deep tillage.	AMA, EQIP	\$47.36	\$56.83

Denitrifying Bioreactor (605)

Lifespan: 10 Years

Scenario	Unit	Description	Program(s)	RE	HU
Denitrifying Bioreactor	CY	A structure containing a carbon source installed to intercept subsurface drain flow or ground water and reduce the concentration of nitrate-nitrogen. Includes geotextile fabric (or polyethylene – PE) between the wood chips and the surrounding soil.	EQIP	\$40.52	\$48.62
Denitrifying Bioreactor, No liner	CY	A structure containing a carbon source installed to intercept subsurface drain flow or ground water and reduce the concentration of nitrate-nitrogen.	EQIP	\$38.74	\$46.48

Diversion (362)

Lifespan: 10 Years

- Payment for this practice only includes grading to establish the diversion and is based on linear feet of the diversion.
 - Associated practices may be Critical Area Planting (342), Mulching (484), Lined Waterway (468), Structure for Water Control (587), Subsurface Drainage (606), and/or Underground Outlet (620).

Scenario	Unit	Description	Program (s)	RE	HU
Diversion, greater than 300 feet	LF	Channel with berm constructed across slope to control erosion or divert clean water. Total length greater than 300 feet.	EQIP	\$3.78	\$4.49
Diversion, 300 feet or less	LF	Channel with berm constructed across slope to control erosion or divert clean water. Total length 300 feet or less.	EQIP	\$4.83	\$5.75
Diversion, Rebuild	LF	An existing channel with berm beyond its service life is re-constructed to meet capacity & stability requirements.	EQIP	\$2.64	\$3.17

Drainage Water Management (554)

- Drainage water management is only authorized for one year only, following the year of installation.

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
Drainage Water management	Each	This scenario is the process of managing water discharges from surface and/or subsurface agricultural drainage systems by reducing nutrient loading into surface waters. Payment is based on each water control structure.	EQIP	\$100.40	\$120.48

Early Successional Habitat Development and Management (647)

Lifespan: 1 Year

- **Mowing for habitat management:**
 - Do not mow during the nesting season of ground nesting birds (April 1-July 15)
 - Mowing every year is not necessary to maintain early successional habitat. Mowing every 2 to 3 years is sufficient to prevent woody vegetation from becoming established. However, for contracting purposes (one item contracted each year), mowing acreage can be split.

Scenario	Unit	Description	Program(s)	RE	HU
Mowing	Each	Maintaining early successional habitat through mowing. Can be paid for up to three times on the same land.	EQIP	\$88.56	\$106.27
Disking	Each	Maintaining early successional habitat through disking. Can be paid for up to two times on the same land.	EQIP	\$33.67	\$40.41
Early Successional Wildlife openings	Each	Creating a wildlife opening for wildlife benefit. Only eligible for a one-time payment.	EQIP	\$592.69	\$711.23
Wildlife selective tree felling	Each	Removal of large trees to promote shrubland habitat. Only eligible for a one-time payment.	EQIP	\$17.10	\$20.52
Wildlife Feathered Edge	Each	Create a transitional zone of early successional shrub habitat between grassland and forestland by removing trees >4 inches dbh. Only eligible for a one-time payment.	EQIP	\$1,243.50	\$1,492.20
Low Shade Removal	Each	The purpose of this treatment is to increase understory light levels to facilitate an increase of desirable seedlings and herbaceous vegetation and prevent excessive competition from undesirable species. Only eligible for a one-time payment.	EQIP	\$543.12	\$651.74
Shelterwood Cut	Each	The purpose of this treatment is to increase understory light levels so that small advanced reproduction (already present) can grow and will be large enough to compete effectively following overstory removal. Only eligible for a one-time payment.	EQIP	\$509.10	\$610.92
Overstory Removal	Each	The purpose of this practice is to create healthy early successional habitat with adequate herbaceous vegetation, shrubs, and seedling and sapling reproduction.	EQIP	\$424.06	\$508.87

Edge-of-Field Water Quality Monitoring – Data Collection and Evaluation (201)

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
Data Collect Surface Year 1- QAPP	Each		EQIP	\$16,331.24	\$19,597.49
Data Collect Surface Year 1 - NO QAPP	Each		EQIP	\$11,469.95	\$13,763.94
Data Collect Surface Year 2+	Each		EQIP	\$11,469.95	\$13,763.94

Data Collect Surface Last Year	Each		EQIP	\$13,745.15	\$16,494.18
Data Collect Tile Year 1-QAPP	Each		EQIP	\$32,289.31	\$38,747.17
Data Collect Tile Year 1 - NO QAPP	Each		EQIP	\$27,428.02	\$32,913.62
Data Collect Tile Year 2+	Each		EQIP	\$27,428.02	\$32,913.62
Data Collect Tile Last Year	Each		EQIP	\$29,703.22	\$35,643.86
Data Collect Surface Year 1-QAPP with two treatment Sites	Each		EQIP	\$22,427.94	\$26,913.53
Data Collect Surface Year 1 less QAPP (pre-install information) with two treatment sites	Each		EQIP	\$16,273.61	\$19,528.33
Data Collect Surface Year 2+ with two treatment sites	Each		EQIP	\$16,273.61	\$19,528.33
Data Collect Surface Last Year with two treatment sites	Each		EQIP	\$19,686.41	\$23,623.69
Data Collect Tile Year 1 with two treatment sites and QAPP	Each		EQIP	\$44,812.84	\$53,775.41
Data Collect Tile Year 1 less QAPP (pre-install information) with two treatment sites	Each		EQIP	\$38,658.51	\$46,390.21
Data Collect Tile Year 2+ with two treatment sites	Each		EQIP	\$38,658.51	\$46,390.21
Data Collect Tile Last Year with two treatment sites	Each		EQIP	\$42,071.31	\$50,485.57

Edge-of-Field Water Quality Monitoring – System Installation (202)

Lifespan: 10 Years

Scenario	Unit	Description	Program(s)	RE	HU
System Installation-Surface	Each		EQIP	\$14,431.37	\$17,317.64
System Installation-Surface Cold Climate	Each		EQIP	\$15,483.37	\$18,580.05
System Installation-Tile	Each		EQIP	\$22,325.63	\$26,790.75
System Installation-Tile Cold Climate	Each		EQIP	\$22,325.63	\$26,790.75
System Installation-Above & Below	Each		EQIP	\$21,769.88	\$26,123.86
System Installation-Above & Below cold climate	Each		EQIP	\$25,791.34	\$30,949.60
System Installation-Retrofit 1	Each		EQIP	\$2,557.72	\$3,069.26
System Installation-Retrofit 2	Each		EQIP	\$6,833.12	\$8,199.74
System Installation-Retrofit 3	Each		EQIP	\$9,789.03	\$11,746.83
System Installation-Retrofit Above and Below 1	Each		EQIP	\$3,683.07	\$4,419.68
System Installation-Retrofit Above 2	Each		EQIP	\$12,099.71	\$14,519.65

Emergency Animal Mortality Management (368)

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
In-house composting	AU		EQIP	\$51.16	\$61.40
Burial	AU		EQIP	\$74.53	\$89.43

Farmstead Energy Improvement (374)

Lifespan: 10 Years

- Must be supported by an Agricultural Energy Management Plan or an Energy Audit that is less than 5 years old.
- Scenarios must be selected in consultation with the State Energy Coordinator.
- The energy button within ProTracts must be selected and the user must enter a numeric value for the estimated energy savings (in millions of BTUs) and at least one value for green-house gases and air pollutants directly associated with the energy savings.

Scenario	Unit	Description	Program(s)	RE	HU
Ventilation - Exhaust	Ea		EQIP	\$1,115.52	\$1,338.63
Ventilation - HAF	Ea		EQIP	\$181.59	\$217.91
Refrig-Plate Cooler-Small	Ea		EQIP	\$3,956.89	\$4,748.27
Refrig-Plate Cooler-Med	Ea		EQIP	\$4,651.63	\$5,581.96
Plate Cooler-lg	Ea		EQIP	\$5,384.22	\$6,461.06
Scroll Compressor	Ea		EQIP	\$3,294.50	\$3,953.40
Water Heater	Ea		EQIP	\$2,578.42	\$3,094.11
Variable Speed Drive, no motor	HP		EQIP	\$187.77	\$225.32
Automatic Controller System	Ea		EQIP	\$1,208.21	\$1,449.85
Motor Upgrade > 100 HP	Ea		EQIP	\$18,743.13	\$22,491.76
Motor Upgrade 10 - 100 HP	Ea		EQIP	\$5,048.39	\$6,058.07
Motor Upgrade > 1 and < 10 HP	Ea		EQIP	\$727.10	\$872.52
Motor Upgrade = 1 HP	Ea		EQIP	\$494.57	\$593.48
Heating - Radiant Tube	Ea		EQIP	\$1,218.15	\$1,461.78
Heating (Building)	kBTU/Hr		EQIP	\$9.86	\$11.83
Heating - Attic Heat Recovery vents	Ea		EQIP	\$140.87	\$169.05
Grain Dryer	Bu/Hr		EQIP	\$73.75	\$88.50
Tunnel Door	sq ft		EQIP	\$8.98	\$10.78
RO<=200 GPH	Gal/Hr		EQIP	\$26.66	\$31.99
RO>200-600 GPH	Gal/Hr		EQIP	\$17.54	\$21.05
RO >600 GPH or add on	Gal/Hr		EQIP	\$14.82	\$17.79
Enhanced preheater, small	sq ft		EQIP	\$315.99	\$379.19
Enhanced preheater, large	sq ft		EQIP	\$175.18	\$210.21
High Efficiency Pans for < 1000 taps	Ea		EQIP	\$3,518.16	\$4,221.79
High Efficiency Pans >=1000 taps	Ea		EQIP	\$12,885.80	\$15,462.96
High Efficiency arch < 1000 taps	Ea		EQIP	\$1,698.07	\$2,037.68
High Efficiency arch >= 1000 taps	Ea		EQIP	\$12,994.34	\$15,593.21

Feed Management (592)

Lifespan: 1 Year

- For FY 2017, only equine operations are eligible for Feed Management.
- Refer to NJ Equine Feed Management (592) Guidance document for FY 2017.

Scenario	Unit	Description	Program(s)	RE	HU
Dairy – Feed Management	Each	Feed ration management on a dairy operation that does not have access to enough acres to spread all of its manure nutrients at an agronomic rate. The resource concerns are water quality degradation, excessive manure nutrients particularly phosphorus and nitrogen. The goal of the practice is to reduce the amount of nutrients in the raw manure so that it is easier for 'landlocked' farmers to apply the manure at agronomic rates, thereby reducing or eliminating water quality degradation concerns.	EQIP	\$2,705.38	\$3,246.45

Fence (382)

Lifespan: 20 Years

- Livestock operations must have an existing fence that effectively contains the livestock.
- Any existing fence capable of containing animals, regardless of condition, is not eligible for replacement.
- For Prescribed Grazing, the animal unit documentation worksheet must be used to document the animal units supported by the Prescribed Grazing System.
- Pasture conversion is eligible for fence as long as it is supported by the Prescribed Grazing Plan. For EQIP, land that has been abandoned for over 5 years and has converted to woodland is not eligible for EQIP assistance. If it can be documented that a change in production meets all of the requirements in M_440_515.81 a waiver of this policy can be granted by the State Conservationist.
- Permanent fencing may be included to exclude livestock from sensitive areas - Permanent fencing may be included in a contract to support Stream Crossing (578), Diversion (362), Pond (378), Grade Stabilization Structure (410), Lined Waterway or Outlet (468), Access Control (472), Streambank and Shoreline Protection (580), to protect a stream or water body, or is considered essential for the proper functioning of the practice.
- Payment is based on the least cost alternative to meet the minimum practice standards to address the resource concern regardless of what is actually installed. Any additional expense above what is needed to meet the standard is at the expense of the participant. For example, if a 2 strand, electric fence is what is recommended and a 4 strand, electric fence is installed, payment is based on the 2 strand, electric fence.
- CPM.440.515.81.E: Fence (382) is ineligible if the primary purpose is to –
 - Separate ownership or exclude livestock from the transportation networks or residential, commercial, or industrial areas.
 - Exclude deer, hogs, or other wild animals from cropland
 - Exception: Boundary Fence (property line fence) or perimeter fence is eligible:
 - On lands to protect, restore, develop, or enhance habitat for wildlife or to exclude livestock from an environmentally sensitive area, such as riparian area or wetland.
 - On land where the fence is an integral part of a conservation management system, such as a planned grazing system that facilitates improved management grazing land.

Scenario	Unit	Description	Program(s)	RE	HU
Woven Wire	Ft	A multi-strand, non-electric barbed or smooth wire fence. Includes all posts, wire, fasteners, gates, etc.	AMA, EQIP	\$2.44	\$2.92

Electric 2 strand	Ft	Includes all posts, wire, fasteners, gates, etc.	AMA, EQIP	\$1.18	\$1.41
Electric 3 strand	Ft	Includes all posts, wire, fasteners, gates, energizer, etc.	AMA, EQIP	\$1.50	\$1.80
Electric - 4 or more strands	Ft	Includes all posts, wire, fasteners, gates, energizer, etc.	AMA, EQIP	\$1.90	\$2.29
Exclusion Fence	Ft	Includes all posts, wire, fasteners, gates, energizer, etc.	AMA, EQIP	\$3.51	\$4.21
Chain Link	Ft	Includes all posts, wire, fasteners, gates, energizer, etc. A heavy grade fence material and close post space is required for proper installation to 1) Keep humans away from waste ponds and lagoons or 2) to protect sensitive areas (Riparian areas, wetlands, springs, etc.) from heavy livestock pressure.	AMA, EQIP	\$11.79	\$14.15
8 foot netted Wildlife Exclusion Fence, Wooded	Ft	The safety concerns and risks associated with significant hazards are too great to risk accidental drowning and therefore, a guaranteed strong fence is need for this critical exclusion fence.	AMA, EQIP	\$1.52	\$1.83

Field Border (386)

Lifespan: 10 Years

Scenario	Unit	Description	Program(s)	RE	HU
Field Border, Native Species	Ac		AMA, EQIP	\$92.29	\$110.75
Field Border, Introduced Species	Ac		AMA, EQIP	\$68.32	\$81.99
Field Border, Pollinator	Ac		AMA, EQIP	\$135.33	\$162.40
Pac. Island Area Field Border	Ac		AMA, EQIP	\$1,107.62	\$1,329.14

Filter Strip (393)

Lifespan: 10 Years

- For all filter strips planned for the purpose of reducing suspended solids and associated contaminants in runoff, the procedures in Agronomy Technical Note No. 2 must be followed to document the practice will meet the 10 year lifespan under the planned managements and conditions.
- Agronomy Tech Note No. 2 can be found in Section I of the eFOTG.

Scenario	Unit	Description	Program(s)	RE	HU
Filter Strip, Native Species	Ac		AMA, EQIP	\$123.64	\$148.37
Filter Strip, Introduced Species	Ac		AMA, EQIP	\$133.40	\$160.08
Caribbean and Virgin Island Filter Strip – All Species	Ac		AMA, EQIP	\$95.16	\$114.19

Firebreak (394)

Lifespan: 5 Years

- If used in a forestry setting, it must be implemented as per a Forest Stewardship Plan recommendation.

Scenario	Unit	Description	Program(s)	RE	HU
Constructed, Light Equipment	Ft	A bare-ground firebreak installed using field/farm equipment.	EQIP	\$0.03	\$0.03
Constructed, Medium Equipment, flat to medium slope	Ft	A bare-ground firebreak constructed with medium equipment (such as small dozer, disk, plow, etc.). Slopes less than 15%	EQIP	\$0.44	\$0.52
Constructed, medium Equipment, steep slopes	Ft	A bare-ground firebreak constructed with medium equipment (such as small dozer, disk, plow, etc.). Slopes greater than 15%	EQIP	\$1.25	\$1.50

Vegetated Firebreak	Ft	Permanent vegetation established to serve as a green firebreak. Scenario includes clearing the site, preparing the seedbed, seeding (typically cool season grasses and/or legumes), and applying needed soil amendments.	EQIP	\$0.21	\$0.25
Constructed, Wide, bladed or disked firebreak	Ft	A bare-ground firebreak with a width of 30' or more. Established with equipment such as a dozer with a heavy disk.	EQIP	\$3.25	\$3.90

Forage and Biomass Planting (512)

Lifespan: 5 Years

- For pasture planting, payment is authorized only when needed to implement an approved prescribed grazing plan. Payment is based on the least cost alternative needed to meet the minimum practice standards to address the resource concern regardless of what is actually installed. Any additional expense above what is the least cost alternative that also meets the standard is borne by the participant.
- For overseeding, a soil test is required prior to contracting to determine if amendments need to be applied.
- Land that has been abandoned for over 5 years and has converted to woodland is not eligible for EQIP assistance. If it can be documented that a change in production meets all of the requirements in M_440_515.81 a waiver of this policy can be granted by the State Conservationist.
- Prior to payment, soil test recommendations and applied amounts need to be provided by the producer.
- Practice can be certified and paid once the certification documentation sheet is signed and verified as meeting the standards and specifications (including planting date, seeding rate, etc.) by the field office.

Scenario	Unit	Description	Program(s)	RE	HU
Native Perennial Grasses (1 species)	Acre	Establish or reseed adapted perennial native grasses to improve or maintain livestock/wildlife nutrition and health, extend the length of the grazing season, and provide soil cover to reduce erosion.	AMA, EQIP	\$272.59	\$327.11
Introduced Cool Season Grass Mix	Acre	Establish or reseed adapted perennial introduced cool season grasses and legumes to improve or maintain livestock/wildlife nutrition and health, extend the length of the grazing season, and provide soil cover to reduce erosion.	AMA, EQIP	\$274.77	\$329.72
Native Perennial Warm Season Grasses Mix	Acre	Establish or reseed a mix of species of adapted native, perennial warm season grasses to improve or maintain livestock/wildlife nutrition and health, extend the length of the grazing season, and provide soil cover to reduce erosion.	AMA, EQIP	\$382.17	\$458.60
Sprigging	Acre	Sprigging new grasses with sprigging application for the purpose of providing forage, increasing plant diversity, soil quality and fertility, and plant health.	AMA, EQIP	\$323.81	\$388.57
Organic Introduced Perennial Cool Season Grasses with legume	Acre	This practice applies to organically managed pasture or hayland. Establish or reseed three species of adapted perennial introduced cool season grasses and legume to improve or maintain livestock/wildlife nutrition and health, extend the length of the grazing season, and provide soil cover to reduce erosion.	AMA, EQIP	\$238.77	\$286.52
Untreated Conventional Seed, WSG, 1 species	Acre	This practice applies to organically managed pasture and hayland. Establish or reseed adapted perennial native grasses (1 species) to improve or maintain livestock/wildlife nutrition and health, extend the length of the grazing season, and provide soil cover to reduce erosion. Used for either conventional or no-till seeding of native grasses for pasture, hayland, and wildlife openings.	AMA, EQIP	\$225.42	\$270.50

Untreated Conventional Seed, WSG Mix	Acre	This practice applies to organically managed pasture and hayland. Establish or reseed adapted perennial native grasses (3 species) to improve or maintain livestock/wildlife nutrition and health, extend the length of the grazing season, and provide soil cover to reduce erosion. Used for either conventional or no-till seeding of native grasses for pasture, hayland, and wildlife openings.	AMA, EQIP	\$380.21	\$456.25
Overseeding with Nutrient Application	Acre	An existing pasture is spring overseeded to desirable species of introduced forage species to improve forage quality and quantity, and reduce soil erosion. Nutrient application is needed as per the soil test to ensure a viable stand.	AMA, EQIP	\$230.20	\$276.25
Organic, Overseeding with nutrients	Acre	An existing organic pasture is spring overseeded to desirable species of introduced forage species to improve forage quality and quantity, and reduce soil erosion. No additional nutrient application is needed as per the soil test to ensure a viable stand.	AMA, EQIP	\$41.96	\$50.35
Overseeding, no inputs	Acre	An existing conventional or organic pasture is spring overseeded to desirable species of introduced forage species to improve forage quality and quantity, and reduce soil erosion. No additional nutrient application is needed as per the soil test to ensure a viable stand.	AMA, EQIP	\$60.02	\$72.03

Forest Stand Improvement (666)

Lifespan: 10 Years

- Implemented as per a Forest Stewardship Plan recommendation, unless part of a Golden-Winged Warbler project in consultation with the NRCS Biologist. Planners should work in conjunction with the consultant forester and/or NRCS Biologist to identify, define, and record the work to be completed.
- Practices and/or components not eligible for payment include:
 - Improvements to orchard, ornamental, nursery, or Christmas trees
 - Mowing between trees or shrubs, firebreaks, and gates

Scenario	Unit	Description	Program(s)	RE	HU
Thinning Hand Tools	Ac	Selective thinning is supervised by a consultant forester and is carried out using hand tools (such as chain saws).	EQIP	\$163.31	\$195.97
Single Stem Chemical Thinning	Ac	Treatment of undesirable understory vegetation using basal bark chemical application.	EQIP	\$271.33	\$325.60
Chemical, Ground	Ac	Treatment of undesirable understory vegetation using foliar chemical application.	EQIP	\$141.27	\$169.53
Chemical, Aerial	Ac	Chemicals are aerially applied. Typically applicable for insect infestations.	EQIP	\$66.07	\$79.28
Mechanical, Heavy Equipment	Ac	Mechanical treatment of undesirable vegetation using light equipment such as a brush hog mower.	EQIP	\$405.82	\$486.98
Forest Openings, Low Density	Ac	Mechanical treatment of undesirable vegetation using heavy equipment such as a forestry mulcher.	EQIP	\$513.02	\$615.62
Comprehensive Forest Stand Treatment with Chipping	Ac	Trees within a woodlot are managed as part of a Forest Stewardship Plan (or approved equivalent) to create the appropriate stocking density for both forest health and wildlife habitat. Overstocked species over 5 inches in diameter are removed with a feller buncher. Over stocked species under 5 inches in diameter are removed using a mechanical chopper. The material is then run through a chipper/shredder and spread within the stand.	EQIP	\$537.47	\$644.96

Comprehensive Forest Stand Treatment, no chipping	Ac	Trees within a woodlot are managed as part of a Forest Stewardship Plan (or approved equivalent) to create the appropriate stocking density for forest health or wildlife. Overstocked species over 5 inches in diameter are removed with a feller buncher.	EQIP	\$395.07	\$474.09
Forest opening, heavy density	Ac		EQIP	\$942.69	\$1,131.22
Wildlife selective tree felling	Ac	Selective tree felling calls for cutting with chainsaw large trees that are scattered throughout shrubs in order to maintain canopy opening and sunlight penetration to shrub layer .	EQIP	\$200.07	\$240.08
Basal Stem Treatment	Ac	Interfering understory vegetation, which is too large to effectively control with foliar herbicides, is treated with herbicides applied into or on the bark of targeted undesirable woody plants.	EQIP	\$302.33	\$362.80
Thinning with Hand Tools without a Consultant	Ac	The stocking rate of an unhealthy stand which lacks species diversity is adjusted to an acceptable stocking level.	EQIP	\$62.47	\$74.96
Wildlife Crop Tree Release	Ac	This stand treatment manually cuts (chainsaw) all competing woody vegetation from at least three sides of individual 'Crop Trees' (E, W, & S sides) at a minimum distance from the stump of one and a half times the stand's average height and not to exceed three times the stand's average height. Utilize Woody Residue Treatment (384) to properly reduce the resulting slash created from releasing crop trees as necessary.	EQIP	\$245.25	\$294.30

Forest Trails and Landings (655)

Lifespan: 5 Years

- Implemented as per a Forest Stewardship Plan recommendation. Installation of new trails is allowable only if the primary purpose is access for forestry activities. This practice shall not be used for the installation of recreational trails.

Scenario	Unit	Description	Program(s)	RE	HU
Trail Installation	Ft	Forest Trails will be planned and constructed for the purpose of providing periodic or infrequent access to a previously inaccessible stand.	EQIP	\$0.76	\$0.91
Trail Erosion Control without Vegetation, Slopes < 35%	Each	An existing forest trail segments is rehabilitated by addressing existing resource issues to sustain long-term use. Payment is based on each structure.	EQIP	\$139.46	\$167.35
Trail Erosion Control without Vegetation, Slopes > 35%	Each	An existing forest trail segments is rehabilitated by addressing existing resource issues to sustain long-term use. Payment is based on each structure.	EQIP	\$131.89	\$158.26
Grading and Shaping with Vegetative Establishment	Ft	Minor grading and seeding of forest trails to address resource concerns. Units represent length of treated road segment.	EQIP	\$2.56	\$3.07
Temporary Stream Crossing	Each	The design and installation of a temporary stream crossing that will minimize the negative impacts to water quality as a result of the forestry activities being conducted.	EQIP	\$756.17	\$907.40
Landing Installation	Ac	Forest Landings will be sized and constructed for the purpose of periodically providing staging areas in gently sloped forest stands to facilitate prescribed implementation of forest management activities and the removal of forest products.	EQIP	\$1,904.88	\$2,285.86

Fuel Break (383)

Lifespan: 10 Years

- Implemented as per a Forest Stewardship Plan recommendation.

Scenario	Unit	Description	Program(s)	RE	HU
Dozer	Ac	Fuel break is installed at key locations using a dozer to reduce crown fire spread.	EQIP	\$1,212.82	\$1,455.38
Dozer, Steep Slope	Ac	Fuel break is installed at key locations using a dozer to reduce crown fire spread. Slopes are greater than 40%.	EQIP	\$1,868.57	\$2,242.28
Masticator	Ac	Fuel break is installed at key locations using a masticator to reduce crown fire spread.	EQIP	\$1,101.80	\$1,322.17
Masticator, Steel Slope	Ac	Fuel break is installed at key locations using a masticator to reduce crown fire spread. Slopes are greater than 40%.	EQIP	\$1,594.24	\$1,913.08
Hand Tools	Ac	Fuel break is installed at key locations using hand tools to reduce crown fire spread.	EQIP	\$1,425.57	\$1,710.68
Non Forest	Ac	A non-forest fuel break occurs outside of forestlands where brush, grass and forbs dominate. The fuel break area is managed using equipment such as a brush hog so standing vegetation is reduced to a low height.	EQIP	\$194.62	\$233.55

Grade Stabilization Structure (410)

Lifespan: 15 Years

- Associated practices may be Critical Area Planting (342) Diversion (362), Grassed Waterway (412), Lined Waterway (468), Structure for Water Control (587), Subsurface Drain (606), and/or Underground Outlet (620).

Scenario	Unit	Description	Program(s)	RE	HU
Check Dams	Ton	Rock check dams installed across a gully at regular intervals. Gully is re-graded between check dams.	EQIP	\$38.59	\$46.31
Embankment, Pipe 6" or less	CY	An earthen embankment with a principal spillway pipe of 6 inches or less with a canopy inlet. Non-lined plunge pool at outlet.	EQIP	\$4.48	\$5.38
Embankment, Pipe 8" or 12"	CY	An earthen embankment with a principal spillway pipe between 8 and 12 inches with a canopy inlet and sand diaphragm. Non-lined plunge pool.	EQIP	\$5.33	\$6.39
Embankment, Pipe > 12"	CY	An earthen embankment with a principal spillway pipe greater than 12 inches. Pipe drop spillway. Anti-seep collars. Rock-lined plunge pool.	EQIP	\$6.53	\$7.83
Embankment, Soil Treatment	CY	An earthen embankment with a principal spillway pipe with a canopy inlet. On-site soils require extra processing or hauling from a distance greater than one mile. Sand diaphragm. Non-lined plunge pool.	EQIP	\$7.79	\$9.35
Pipe Drop, Plastic	SF	A full flow pipe drop structure (ie: 24" riser with 18" barrel). Plastic pipe. No anti-seep collars. Earthen embankment. Payment is based on Riser Weir Length x Barrel Length	EQIP	\$21.26	\$25.52
Pipe Drop, Steel	SF	A full flow pipe drop structure (ie: 36" riser with 30" barrel). Steel pipe. A metal anti-seep collar. Earthen embankment. Payment is based on Riser Weir Length x Barrel Length	EQIP	\$11.37	\$13.65
Weir Drop Structures	SF	A straight, semicircular, or box drop structure of metal or reinforced concrete. Concrete apron & toe wall. Payment is based on weir length times drop height (both in feet).	EQIP	\$79.33	\$95.19
Rock Drop Structures	SF	A straight drop structure constructed of rock riprap held in place by galvanized wire, such as, gabion baskets, fence panels, or "sausage" baskets. Payment is based on Feet of Weir length times Drop Height	EQIP	\$58.59	\$70.31

Log Drop Structures	Each	A straight drop structure constructed of logs, rock riprap, and earthfill based on bio-engineering principles.	EQIP	\$4,079.94	\$4,895.93
SWC, Difficult Site	Each	An earthen embankment with a pipe drop spillway to address a large grade change (>10 ft) requiring a high riser. Steel conduit 12" or larger. Tree removal. Rock-lined plunge pool.	EQIP	\$10,365.91	\$12,439.10

Grassed Waterway (412)

Lifespan: 10 Years

- Practice payment includes grading and critical area planting to establish the waterway. Note: Mulching (484) is not included.
- Payment area is the waterway design top width times the length.
- Associated practices may be: Diversion (362), Lined Waterway (468), Mulching (484), Underground Outlet (620), Structure for Water Control (587), Subsurface Drain (606), Underground Outlet (620), and/or Water and Sediment Control Basin (638).
- The use of subsurface drainage is limited to the minimum necessary to control subsurface water for the purpose of establishing and maintaining vegetation.
- Spoil spreading (572) may be used when the spoil cannot be spread adjacent to the waterway and must be loaded, hauled and spread for disposal at another on-farm location.

Scenario	Unit	Description	Program(s)	RE	HU
Waterway, over 0.2 acres	Ac	A shaped and graded channel to convey surface water at a non-erosive velocity to a stable outlet. Topsoil stripped & replaced. Limed, fertilized, and seeded.	EQIP	\$3,560.33	\$4,203.20
Waterway, Small, 0.2 acres or less	SF	A small channel to convey surface water at a non-erosive velocity to a stable outlet. Topsoil stripped & replaced. Limed, fertilized, and seeded.	EQIP	\$0.12	\$0.14
Grassed Waterway with stone checks	Acre	A waterway with stone checks installed perpendicular to flow at regular intervals. Checks are typically 2/3 the top width, 18" deep. Topsoil stripped & replaced. Limed, fertilized, and seeded between checks.	EQIP	\$4,942.43	\$5,861.72

Grazing Land Mechanical Treatment (548)

Lifespan: 1 Year

- This practice is used to prepare fields for seeding that require abnormal site preparation due to soil and site conditions such as extreme compaction and excess water.
- This practice is only eligible when used in conjunction with Prescribed Grazing (528).
- This practice can be used for new seedings or overseedings. It can only be used for overseedings if results can be accomplished with minimal disturbance.
- Documentation of the need for the practice (site evaluations, soils investigations, etc.) and the identified locations needing treatment must be kept in the file.
- Equipment used must reach below the depth of the compaction/layer of concern. Equipment that may be used to implement this practice include subsoiler, ripper, or deep chisel.
- The practice can be planned on part or all of the field, wherever determined to be necessary.
- Treatments must be limited to sites where the soil and slope conditions will not result in excess soil erosion.

Scenario	Unit	Description	Program(s)	RE	HU
Pastureland Mechanical Treatment	Acre	A chisel plow or subsoiler is used to break restrictive layers to increase water infiltration, and break up sod and thatch on introduced species. The depth of treatment will be 1' deeper than the restrictive layer.	AMA, EQIP	\$25.11	\$30.14

Groundwater Testing (355)

Lifespan: 1 Year

- Payment is not authorized if the well services a domestic water supply.

Scenario	Unit	Description	Program(s)	RE	HU
Basic water Test	Each	Typical scenario includes the professional testing for nitrates, nitrites, and coliform to confirm well water meets basic water quality standards for consumption by livestock or use in irrigation.	EQIP	\$41.32	\$49.58
Specialty Water Test	Each	Typical scenario includes the professional testing for pesticides, heavy metals, VOC's or other less common substances, in addition to the basic water test items.	EQIP	\$168.50	\$202.21
Full Spectrum Test	Each	Typical scenario includes the professional comprehensive testing for all less common substances, to include: pesticides, heavy metals, VOC's or other less common substances, in addition to the basic water test items.	EQIP	\$205.59	\$246.71

Heavy Use Area Protection (561)

Lifespan: 10 Years

- The following is applicable to HUAPs to support livestock operations:
 - For seasonal livestock facilities in support of a prescribed grazing system payment is limited to the area to support animals as determined by the prescribed grazing plan.
 - Waste from the HUAP must be addressed in a Comprehensive Nutrient Management Plan (CNMP) prior to contracting for the HUAP.
 - For a livestock HUAP not associated with the implementation of a prescribed grazing system, the HUAP must address an existing resource concern.
 - HUAP associated with areas providing housing, feeding, or animal comfort, feed storage, and production are at the participant's expense. EQIP policy states in 515.91.B (xi) states that any part of a building used solely for livestock housing, feed, or animal comfort are ineligible.
 - For all: Areas designed exclusively for feeding are not eligible. For areas where feeding and housing/loafing are combined, the area devoted to feeding must be subtracted from the square footage contracted.
 - Maximum paved area eligible for payment is limited to 60 sf/au for seasonal confinement area and 50 sf/au for loafing areas.
- This practice may also be used under the aquaculture initiative. See the NJ Aquaculture Bulletin, NJ-300-17-4, for additional information.
- See practice standard for eligible purposes other than livestock and aquaculture implementation.
- Associated practices may be: Access Road (560), Critical Area Planting (342), Fence (382), Diversion (362), Watering Facility (614), and/or Stream Crossing (578).
 - Provisions to divert clean water from coming into contact with livestock waste may include: Diversion (362), Roofs and Covers (367), Roof Runoff Structures (558), or Underground Outlet (620).
 - Provisions to store, use, or treat waste or contaminated runoff may require Sediment Basin (350), Waste Storage Facility (313), Waste Transfer (634), or Waste Treatment (629).
 - Air Quality may be addressed with Windbreak/Shelterbelt Establishment (380) or Herbaceous Wind Barriers (603).

Scenario	Unit	Description	Program(s)	RE	HU
Gravel Pad on Geotextile, No site prep	SF	Gravel pad on geotextile. No site preparation. Gravel pad is typically 8" thick with various stone layers.	EQIP	\$0.85	\$1.28

Gravel Pad on Geotextile with site prep	SF	Gravel pad on geotextile. Includes site preparation grading & compaction. This scenario can be used for equine sacrifice areas.	EQIP	\$1.07	\$1.60
Concrete Slab, Reinforced, Gravel foundation	SF	Concrete slab reinforced with welded wire mat poured on a gravel base. Includes site preparation.	EQIP	\$3.18	\$4.77
Concrete Slab, Fiber-reinforced, No gravel.	SF	Concrete slab with fiber reinforcement only. No gravel base. Topsoil removal.	EQIP	\$2.50	\$3.75
Concrete Slab, Fiber-reinforced, with gravel.	SF	Concrete slab with fiber reinforcement only on a gravel base. Topsoil removal.	EQIP	\$3.29	\$4.93
Concrete Slab with Curbs, Reinforced	SF	Concrete slab reinforced with welded wire mat poured on a gravel base. Concrete curbing around perimeter. Includes site preparation.	EQIP	\$7.31	\$10.97
Concrete Slab with Curb on Steep Site.	SF	Concrete slab reinforced with welded wire mat poured on a gravel base. Concrete curbing around perimeter. Steep site over 5% slope. Includes site preparation.	EQIP	\$5.55	\$8.33
Concrete Slab with Curb on Steep Site with Retaining Wall	SF	Concrete slab reinforced with welded wire mat poured on a gravel base. Concrete curbing around perimeter. Steep site over 5% slope. 8-ft high concrete retaining wall needed along one side. Includes site preparation.	EQIP	\$6.54	\$9.80
Concrete Slab with Curbs & Buckwall	SF	Concrete slab reinforced with welded wire mat poured on a gravel base. Concrete curbing on three sides, 4-ft high concrete bucking wall on one side. Includes site preparation.	EQIP	\$11.37	\$17.06
Bituminous Concrete Pavement	SF	Asphaltic pavement, typically 8" thick, placed on a gravel base. Includes site preparation.	EQIP	\$4.50	\$6.75

Hedgerow Planting (422)

Lifespan: 15 Years

- Payment is based on the length of hedgerow.

Scenario	Unit	Description	Program(s)	RE	HU
Pollinator Habitat	Ft	Typically a mixture of 5 or more species is planted to improve diversity so that pollen and nectar are available as long as possible. Typical installation is in or at the edge of cropland or pasture. Installation involves tillage to prepare the site for planting.	AMA, EQIP	\$1.81	\$2.17
Native Contour	Ft	The hedgerow is planted on the contour to provide a physical and visual aid to contour farming. Trees, shrubs, and grasses adapted for local climatic and soil conditions are typically planted at eight foot intervals.	AMA, EQIP	\$0.72	\$0.87
Introduced Contour	Ft	The hedgerow is planted on the contour to provide a physical and visual aid to contour farming. Trees, shrubs, and grasses adapted for local climatic and soil conditions are typically planted at eight foot intervals.	AMA, EQIP	\$0.54	\$0.65
Wildlife, Hand planted trees and shrubs with warm season grasses	Ft	Typical installation involves tillage to prepare the site for planting. Payment is based on the length of hedgerow per row of trees/shrubs.	AMA, EQIP	\$0.72	\$0.86
Wildlife, Machine Planted Trees and Shrubs with warm season grasses	Ft	Typical installation involves tillage to prepare the site for planting. Payment is based on the length of hedgerow per row of trees/shrubs.	AMA, EQIP	\$0.85	\$1.02
Wildlife, Hand Plant with Cool Season Grasses	Ft	Typical installation involves tillage to prepare the site for planting. Payment is based on the length of hedgerow per row of trees/shrubs.	AMA, EQIP	\$0.50	\$0.59
Poultry Trees	Ft	Two or more 660 foot rows (125% of length of poultry house) of hardwood and conifer trees for wind protection, energy conservation, air quality, or to provide a visual screen.	AMA, EQIP	\$1.81	\$2.17

Poultry Grasses	Ft	One row, 600 feet, of potted grass seedlings are planted in the swale between two parallel poultry houses which are 600 feet in length.	AMA, EQIP	\$1.92	\$2.31
Poultry Trees & Grasses	Ft	Typically installed in or at the edge of cropland or pasture this scenario is used to address the Inadequate Habitat for Fish and Wildlife resource concern.	AMA, EQIP	\$1.86	\$2.23

Herbaceous Weed Control (315)

Lifespan: 5 Years

- Not applicable on cropland. Not eligible on any land contracted for vegetative establishment in the establishment year.
- **When planning multiple years of Herbaceous Weed Control, refer to NJ bulletin 300-17-5.**

Scenario	Unit	Description	Program(s)	RE	HU
Hand Tools, Herbaceous vegetation	Ac	Removal using hand tools, such as axes, shovels, hoes, nippers, to remove or cut off herbaceous plants at or below the root collar.	AMA, EQIP	\$113.54	\$136.24
Mechanical	Ac	Removal using mower, brush hog, disc or other light equipment in order to reduce fuel loading and improve ecological site condition.	AMA, EQIP	\$88.56	\$106.27
Chemical, Spot	Ac	Initial or retreatment using hand-carried equipment (such as a backpack and hand-sprayer) to apply chemicals	AMA, EQIP	\$59.66	\$71.60
Chemical, Ground	Ac	Treatment using ground equipment to apply chemicals.	AMA, EQIP	\$24.05	\$28.85
Chemical, Aerial	Ac	Treatment using airplane or helicopter to apply chemicals.	AMA, EQIP	\$46.15	\$55.38
Forest Herbaceous Chemical Ground	Ac	Treatment of herbaceous species using ground chemicals to allow regeneration of desirable tree species	AMA, EQIP	\$139.80	\$167.76

Herbaceous Wind Barriers (603)

Lifespan: 5 Years

Scenario	Unit	Description	Program(s)	RE	HU
Cool Season Annual/Perennial Species	Ft		AMA, EQIP	\$0.06	\$0.08
Caribbean and Virgin Island Herbaceous Barrier	Ft		AMA, EQIP	\$0.20	\$0.24
Pacific Island Area Herbaceous Wind Barriers	Ft		AMA, EQIP	\$0.06	\$0.07

High Tunnel System (325)

Lifespan: 4 Years

- Land eligible for a high tunnel must be a cropland field identified as part of an existing farm operation. The farm operation must have been previously growing the type of crops planned for the HT. The HT must address a resource concern currently existing on the farm operation.
- Plants in the HT must be grown in the native soil profile. Any raised beds used in the HT can be constructed of a height up to 12" using the native soil, with minimal soil amendments normally used such as manure, compost and leaves that are plowed in and fully incorporated into the native soil. No barriers restricting root growth are permitted between the raised bed and the native soil.
- Payment is made when the tunnel is installed in its entirety (plastic is installed).
- Only manufactured kits are eligible for payment.

- The manufactured kits must not be modified after the kit is installed
- **Payment limit is \$13,634.28 regular and \$16,378.56 for HU participants for the length of the 2014 Farm Bill.**

Scenario	Unit	Description	Program(s)	RE	HU
High Tunnel, Low Snow and Wind Load	SF	Costs are based on purchase of manufactured kit and landowner installing the structure. Structure must be installed to manufacturer's specifications.	AMA, EQIP	\$3.13	\$3.76

Integrated Pest Management (595)

Lifespan: 1 Year

- An integrated pest management plan is required to be developed prior to implementing this practice. If the NJ contracting schedule provides for approval of a Conservation Activity Plan at least 3 months before the growing season, and that plan is expected to be completed prior to April 15, then IPM may be contracted for the same acreage.
- If contracted, IPM must be scheduled in the first year of the contract. Additional consecutive years (up to three total years) must be for the same fields or for the same crop if located on different fields. If IPM will follow the crop on different fields throughout the life of the contract, those fields must be identified in the plan. All land scheduled for IPM in any year must be implemented or the contract will be in violation of the terms and conditions. Contracts (CPA-1155) should specify a date for providing annual records to the field office for review and certification.
- When Integrated Pest Management is planned for **all purposes except** to *"prevent or mitigate cultural, mechanical, and biological pest suppression risks to soil, water, air, plants, animals, and humans"*:
 - The procedures in Agronomy Technical Note No. 5 must be followed.
 - Win-PST **and** the Integrated Pest Management Jobsheet must be run **before** contracting Integrated Pest Management to document an existing resource concern and determine needed mitigation techniques. If the Jobsheet shows that no mitigation is needed, the practice is ineligible for payment.
- Payments can only be made after records are provided to the field office documenting that all mitigation techniques listed in the Jobsheet have been implemented.

Scenario	Unit	Description	Program(s)	RE	HU
Basic IPM, Field, 1 Resource Concern	Ac	A basic IPM plan to address one identified resource concern	AMA, EQIP	\$13.39	\$16.06
Basic IPM, Field, over 1 Resource Concern	Ac	A basic IPM plan to address more than one identified resource concern	AMA, EQIP	\$18.11	\$21.73
Advanced Field, All Resource Concerns	Ac	A comprehensive IPM plan to address all identified resource concerns	AMA, EQIP	\$26.77	\$32.13
Basic IPM, Fruit/Vegetables, 1 Resource Concern	Ac	A basic IPM plan on Fruit/Vegetable Crops to address one identified resource concern	AMA, EQIP	\$75.62	\$90.74
Basic IPM, Fruit/Vegetables, over 1 Resource Concern	Ac	A basic IPM plan on Fruit/Vegetable Crops to address more than one identified resource concern	AMA, EQIP	\$97.69	\$117.23
Advanced IPM Fruit/Vegetables All Resource Concerns	Ac	A comprehensive IPM plan on Fruit/Vegetable Crops to address all identified resource concerns	AMA, EQIP	\$149.71	\$179.65
Basic IPM, Orchard, 1 Resource Concern	Ac	A basic IPM plan on Orchard/Specialty Crops to address one identified resource concern	AMA, EQIP	\$97.69	\$117.23
Basic IPM, Orchard, over 1 Resource Concern	Ac	A basic IPM plan on Orchard/Specialty Crops to address more than one identified resource concern	AMA, EQIP	\$149.71	\$179.65
Advanced IPM, Orchard, All Resource Concerns	Ac	A comprehensive IPM plan on Orchard/Specialty Crops to address all identified resource concerns	AMA, EQIP	\$236.61	\$283.93

Small Farm, Diversified, 1 Resource Concern	Each	A basic IPM plan on a small/diversified farm such as community supported agriculture farms, truck farms, and market gardens, where numerous variable crops are grown on relatively small acreages (0.25 to 10 acres) and multiple harvests per year to address one identified resource concern	AMA, EQIP	\$456.76	\$548.11
Small Farm, Diversified, over 1 Resource Concern	Each	A basic IPM plan on a small/diversified farm such as community supported agriculture farms, truck farms, and market gardens, where numerous variable crops are grown on relatively small acreages (0.25 to 10 acres) and multiple harvests per year to address more than one identified resource concern	AMA, EQIP	\$598.85	\$718.61
Small Farm, Diversified, All resource Concerns	Each	A comprehensive IPM plan on a small/diversified such as community supported agriculture farms, truck farms, and market gardens, where numerous variable crops are grown on relatively small acreages (0.25 to 10 acres) and multiple harvests per year to address all identified resource concerns	AMA, EQIP	\$898.27	\$1,077.92
Risk Prevention, IPM, All resource Concerns	Ac	A comprehensive IPM plan based primarily on LGU-approved pest prevention and avoidance techniques is applied to prevent negative impacts on all identified resource concerns.	AMA, EQIP	\$126.23	\$151.48

Irrigation Pipeline (430)

Lifespan: 20 Years

- Irrigation pipeline is allowable as a companion practice to a contracted irrigation system. All contracts must include 3 years of irrigation water management to ensure proper utilization of the system.
- The system design review will include all zones from a single water source, regardless of how much is being implemented under the current contract. All system reviews must be completed prior to installation of the pipeline.
- For EQIP, the land must have a history of irrigation to be eligible.
- The payment is based on the weight of pipe. To determine this, use the pipe conversion tool available on the SharePoint.

Scenario	Unit	Description	Program(s)	RE	HU
PVC (Iron Pipe Size), 4 inches or less	Ft		AMA, EQIP	\$2.75	\$4.12
PVC (Iron Pipe Size), 10 inches or greater	Ft		AMA, EQIP	\$12.59	\$18.89
PVC (Plastic Irrigation Pipe) 8 inches	Ft		AMA, EQIP	\$2.90	\$4.36
PVC (Plastic Irrigation Pipe) 10 inches or greater	Lb		AMA, EQIP	\$1.73	\$2.59
HDPE (Iron Pipe Size & Tubing) 6 inches	Ft		AMA, EQIP	\$5.42	\$8.13
HDPE (Iron Pipe Size & Tubing) 10 Inch	Ft		AMA, EQIP	\$13.55	\$20.32
Surface HDPE (Iron Pipe Size & Tubing)	Lb		AMA, EQIP	\$1.63	\$2.44
HDPE (Corrugated Plastic Pipe)	Lb		AMA, EQIP	\$1.51	\$2.26
Steel (Iron Pipe Size) 8" or less	Lb		AMA, EQIP	\$1.04	\$1.57
Steel (Iron Pipe Size) 10" or greater	Lb		AMA, EQIP	\$1.00	\$1.49
Surface Steel (Iron Pipe Size)	Lb		AMA, EQIP	\$1.04	\$1.57
Steel (Corrugated Steel Pipe)	Lb		AMA, EQIP	\$0.73	\$1.09

HDPE (Iron Pipe Size & Tubing) 3" or less	Ft		AMA, EQIP	\$3.47	\$4.17
PVC (Plastic Irrigation Pipeline) 1"	Ft		AMA, EQIP	\$3.00	\$3.60
PVC (Plastic Irrigation Pipe) 2"	Ft		AMA, EQIP	\$3.52	\$4.23
PVC (Plastic Irrigation Pipe) 3"	Ft		AMA, EQIP	\$4.53	\$5.44
PVC (Iron Pipe Size), 6 to 8 inches	Ft		AMA, EQIP	\$11.36	\$13.63
PVC (Iron Pipe Size) 8 inches	Ft		AMA, EQIP	\$11.04	\$13.24
HDPE (Iron Pipe Size and Tubing) 8 inches	Ft		AMA, EQIP	\$12.84	\$15.41
HDPE (Iron Pipe Size & Tubing) 4 inches	Ft		AMA, EQIP	\$4.98	\$5.98
HDPE (Iron pipe size & Tubing) 12 inches	Ft		AMA, EQIP	\$26.51	\$31.82

Irrigation Reservoir (436)

Lifespan: 20 Years

- Vegetation is established using Critical Area Planting (342). If an erosion control blanket or mulching for seedbed establishment is needed, use Mulching (484).

Scenario	Unit	Description	Program(s)	RE	HU
Embankment Dam	CY	An embankment installed across a natural off-stream intermittent watercourse, used to store water for subsequent irrigation	EQIP	\$4.26	\$5.11
Embankment Reservoir 30 or less Acre-Feet	CY	The rectangular reservoir will be built on a relatively flat site and be used to accumulate and store water for timely application through an irrigation system.	EQIP	\$3.49	\$4.19
Embankment Reservoir > 30 Acre-Feet	CY	The rectangular reservoir will be built on a relatively flat site and be used to accumulate and store water for timely application through an irrigation system.	EQIP	\$3.51	\$4.21
Excavated Tailwater Pit	CY	An excavated regulating reservoir to accumulate and store water for timely application through an irrigation system.	EQIP	\$1.83	\$2.19
Steel Tank	Gal	An above ground, enclosed fabricated steel or bottomless corrugated metal tank (with plastic liner and cover)	EQIP	\$1.12	\$1.35
Plastic Tank	Gal	An above-ground plastic tank	EQIP	\$1.36	\$1.63
Fiberglass Tank	Gal	A large fiberglass enclosed tank	EQIP	\$0.86	\$1.03

Irrigation System, Micro-irrigation (441)

Lifespan: 15 Years

- All contracts must include 3 years of Irrigation Water Management to ensure proper utilization of the system.
- The system design review will include all zones from a single water source, regardless of how much is being implemented under the current contract. All system reviews must be completed prior to installation of the mainline, if contracted, or any component of practice 441.
- For EQIP, the land must have a history of irrigation to be eligible.
- Scenarios do not include pump (std. 533), pipeline, power source, water source (well or reservoir) and lateral lines (drip tape).
- All systems include fittings, control valves, pressure reducing/regulating valves, a filter system (screen/disc), pressure gauges, submains, lateral lines, and emitters to deliver water to plants at or below the soil infiltration rate.

- IWM is not required when using High Tunnel micro irrigation scenario.

Scenario	Unit	Description	Program(s)	RE	HU
Subsurface Drip Irrigation	Ac	This system includes an automated filter station, flow meter, backflow prevention device, automated control box or timer, the thin wall dipperline or tape for laterals, both a supply and a flushing manifold and numerous types of water control valves. Flow meter is included.	AMA, EQIP	\$1,459.39	\$2,189.09
Surface PE, Perennial Crops, Filtered, No Flow meter	Ac	Durable, UV resistant tube/tape is used for a multi-year system. Includes an additional automatic-cleaning sand media filtration system or its equivalent.	AMA, EQIP	\$1,433.63	\$2,150.45
Surface, PE, Perennial Crops	Ac	Durable, UV resistant tube/tape is used for a multi-year system. Flow meter is included.	AMA, EQIP	\$1,208.57	\$1,812.85
Surface, PE, Perennial Filtered	Ac	Durable, UV resistant tube/tape is used for a multi-year system. Includes an additional automatic-cleaning sand media filtration system or its equivalent.	AMA, EQIP	\$5,221.90	\$7,832.85
Surface, PE, Container Nursery	Ac	A micro-irrigation system, utilizing surface PE tubing (can be placed on trellis or above containers) with emitters to provide irrigation for container-grown nursery stock in a grid pattern. Flow meter is included.	AMA, EQIP	\$1,599.45	\$2,399.18
Surface, PE, Container, Filtered	Ac	A micro-irrigation system, utilizing surface PE tubing (can be placed on trellis or above containers) with emitters to provide irrigation for container-grown nursery stock in a grid pattern. Includes an additional automatic-cleaning sand media filter system or its equivalent. Flowmeter is included.	AMA, EQIP	\$716.44	\$1,074.66
Surface Tape, Annual, Filtered, No Flow Meter	Ac	Includes an additional automatic-cleaning sand media filtration system or its equivalent. Flow meter is included.	AMA, EQIP	\$266.31	\$399.46
Surface Tape, Annual Crops	Ac	Flow meter is included.	AMA, EQIP	\$787.49	\$1,181.23
Surface Tape, Annual, Filtered	Ac	Includes an additional automatic-cleaning sand media filtration system or its equivalent. Flow meter is included.	AMA, EQIP	\$5,743.98	\$8,615.97
Microjet	Ac	A micro-irrigation system, utilizing micro-jets to provide irrigation for an orchard or other specialty crops grown in a grid pattern. Flow meter is included.	AMA, EQIP	\$1,532.90	\$2,299.35
Microjet Filtered	Ac	A micro-irrigation system, utilizing micro-jets to provide irrigation for an orchard or other specialty crops grown in a grid pattern. Includes an additional automatic-cleaning sand media filtration system or its equivalent. Flow meter is included.	AMA, EQIP	\$1,923.79	\$2,885.68
Seasonal High Tunnel, Micro-Irrigation System	SF	An irrigation system for vegetables or other specialty crops, irrigating inside of a high-tunnel poly-house.	AMA, EQIP	\$0.07	\$0.08

Irrigation Water Management (449)

Lifespan: 1 Year

- All contracts that include any irrigation system or component must include 3 years of irrigation water management to ensure proper utilization of the system.
- The system design review will include all zones from a single water source, regardless of how much is being implemented under the current contract.
- For EQIP, the land must have a history of irrigation history to be eligible.
- Contracts should specify a date for providing annual records to the field office for review and certification.
- If IWM is associated with a new system, the IWM will be scheduled to commence the growing season following the system installation for all acres served by the system.
- IWM is not authorized on any system that was not installed and inspected to meet NRCS standards with a design approved or designed by NRCS.

- IWM is not required when using High Tunnel micro irrigation scenario.

Scenario	Unit	Description	Program(s)	RE	HU
Basic IWM, 30 acres or less	Ac	Does not include soil moisture sensors. Soil moisture is determined by the feel method, volumes of irrigation water are based on energy or water district bills, records are kept on paper copies, and calculations are made by hand.	AMA, EQIP	\$21.03	\$25.24
Basic IWM, over 30 acres	Ac	Does not include soil moisture sensors. Soil moisture is determined by the feel method, volumes of irrigation water are based on energy or water district bills, records are kept on paper copies, and calculations are made by hand.	AMA, EQIP	\$11.50	\$13.80
Annual Crops, Vegetables, 1 st Year	Ac	Includes installation of soil moisture sensors. Payment is based on vegetable crops (average 16 week irrigation season).	AMA, EQIP	\$48.13	\$57.76
Annual Crops, Vegetables 1 st Year, with data logger	Ac	Includes installation of soil moisture sensors and data logger. Payment is based on vegetable crops (average 16 week irrigation season).	AMA, EQIP	\$94.47	\$113.37
Annual Crops, Vegetables, 2 nd and 3 rd year	Ac	Payment is based on vegetable crops (average 16 week irrigation season).	AMA, EQIP	\$26.69	\$32.03
Perennial Crops, Orchards, 1 st year	Ac	Includes installation of soil moisture sensors. Payment is based on orchard crops (average 26 week irrigation season).	AMA, EQIP	\$56.93	\$68.32
Perennial Crops, Orchards, 1 st year with data logger	Ac	Includes installation of soil moisture sensors and data logger. Payment is based on orchard crops (average 26 week irrigation season).	AMA, EQIP	\$103.27	\$123.93
Perennial Crops, Orchards, 2 nd and 3 rd Year	Ac	Payment is based on orchard crops (average 26 week irrigation season).	AMA, EQIP	\$35.49	\$42.59
Field Crops, Grains, 1 st Year	Ac	Includes installation of soil moisture sensors. Payment is based on field crops (average 19 week irrigation season).	AMA, EQIP	\$13.21	\$15.85
Field Crops, Grains, 1 st Year with data logger	Ac	Includes installation of soil moisture sensors and data logger. Payment is based on field crops (average 19 week irrigation season).	AMA, EQIP	\$31.74	\$38.09
Field Crops, Grains, 2 nd and 3 rd Year	Ac	Payment is based on field crops (average 19 week irrigation season).	AMA, EQIP	\$6.72	\$8.06
1 st Year, Computer Record Keeping System	Ac	This practice includes the installation of a computer-based system and weather station that is monitored to determine crop water use, status of heat and/or frost conditions to permit the producer to make informed irrigation decisions of high value crops.	AMA, EQIP	\$219.92	\$263.90
Computer Record keeping system, 2 nd and 3 rd year	Ac	Use and monitoring of a computer-based system and weather station.	AMA, EQIP	\$37.59	\$45.11

Karst Sinkhole Treatment (527)

Lifespan: 10 Years

- The treatment of sinkholes in karst areas to reduce contamination of groundwater resources, and/or to improve farm safety.
- Contact the supporting engineer to determine which scenario is applicable for the site conditions.

Scenario	Unit	Description	Program(s)	RE	HU
Linear Opening	Ft		EQIP	\$292.94	\$351.53
Reverse Filter, CY	CY		EQIP	\$94.24	\$113.09
Reverse Filter, SF	SF		EQIP	\$7.10	\$8.52
Circular Opening, Grouted	CY		EQIP	\$528.56	\$634.28

Land Smoothing (466)

Lifespan: 10 Years

- This practice can only be used where necessary for erosion control in support of another practice.

Scenario	Unit	Description	Program(s)	RE	HU
Minor shaping	Acre	Removing irregularities on the land surface of cropland by use of heavy equipment.	EQIP	\$83.77	\$100.53

Lighting System Improvement (670)

Lifespan: 10 Years

- Must be supported by an Agricultural Energy Management Plan or an Energy Audit that is less than 5 years old.
- Scenarios must be selected in consultation with the State Energy Coordinator.

Scenario	Unit	Description	Program(s)	RE	HU
Lighting, CFL	Each		EQIP	\$14.48	\$17.37
Lighting, LED	Each		EQIP	\$18.46	\$22.15
Lighting, High Bay LED	Each		EQIP	\$546.90	\$656.28
Lighting, Linear Fluorescent	Each		EQIP	\$276.61	\$331.93
Lighting, Metal Halide	Each		EQIP	\$515.93	\$619.12
Automatic Controller System	Each		EQIP	\$252.43	\$302.91
Lighting, Dairy Complex	SF		EQIP	\$0.84	\$1.00

Lined Waterway or Outlet (468)

Lifespan: 15 Years

- Practice payment is based on the design top width of the rock lined channel times the length.
- Associated practices may be: Mulching (484), Subsurface Drain (606). Critical Area Planting may be required on adjacent land disturbed by construction.

Scenario	Unit	Description	Program(s)	RE	HU
Turf Reinforced Matting	SF	A shaped and graded waterway lined with permanent turf reinforcement mat over the full top width. Includes topsoil stripping & critical area seeding.	EQIP	\$0.71	\$0.86
Rock lined, 12"	SF	A shaped and graded waterway lined with rock riprap over the full top width, $D_{100} = 12"$	EQIP	\$3.43	\$4.12
Rock lined, 24"	SF	A shaped and graded waterway lined with rock riprap on 100% of the top width, $D_{100} = 24"$	EQIP	\$5.71	\$6.85
Rock, Grouted	SF	A shaped and graded waterway lined with rock riprap over the full top width. Rock is grouted with cement.	EQIP	\$5.27	\$6.33
Grassed waterway with stone center	SF	A shaped and graded waterway lined with rock riprap on 50% of the top width. Includes topsoil spreading & critical area seeding on the vegetated portion.	EQIP	\$2.28	\$2.73

Livestock Pipeline (516)

Lifespan: 20 Years

- Payment is authorized when needed to implement an approved prescribed grazing plan or when associated with livestock exclusion from sensitive areas in conjunction with use exclusion.
- Appurtenances include: couplings, fittings, thrust blocks, gate valves, air release valves, drain valve, and pressure relief valve, and are included in the cost of pipe material.

- Surface Pipeline is eligible when burying pipeline is not practical due to site conditions and meets the proposed management in the Grazing Plan, and surface pipeline must be maintained for the 20 year project lifespan.
- Payment is not authorized when the pipeline will be used for any part of a human domestic water supply.
- Associated practices may be Critical Area Planting (342), Fence (382), Prescribed Grazing (528), Pumping Plant (533), Spring Development (574), and/or Watering Facility (614).

Scenario	Unit	Description	Program(s)	RE	HU
2 inches or less buried	Ft	PE pipeline & fittings installed in trench & backfilled.	AMA, EQIP	\$2.15	\$2.58
Over 2 inches, buried	Ft	PE pipeline & fittings installed in trench & backfilled.	AMA, EQIP	\$4.77	\$5.72
2 inches or less, surface	Ft	PE pipeline & fittings laid on the surface of the ground.	AMA, EQIP	\$0.78	\$0.93
Boring, Pipeline, All sizes	Ft	Pipeline is bored under road or stream using seamless pipe that meets or exceeds main pipeline size and pressure rating.	AMA, EQIP	\$79.09	\$94.91

Livestock Shelter Structure (576)

Lifespan: 10 Years

- This practice is applied to provide protection to sensitive areas by providing a source of shade or shelter that is located away from the existing shade or shelter in wooded areas and on stream banks or depressions. This practice must be used in conjunction with exclusion of animals from the sensitive area.

Scenario	Unit	Description	Program(s)	RE	HU
Prefabricated Portable Shade Structure	SF	A flexible membrane or fabric-like roof placed on a steel or wood portable frame used to promote animal health where prescribed grazing practices have limited livestock access to shade. Cost estimate is based upon a 10 ft x 20 ft prefab portable structure.	AMA, EQIP	\$4.20	\$5.04
Portable Shade Structure	SF	A flexible membrane or fabric-like roof placed on a steel or wood portable frame used to promote animal health where prescribed grazing practices have limited livestock access to shade. Cost estimate is based upon a 25 ft x 40 ft portable structure.	AMA, EQIP	\$3.21	\$3.85
Portable Fabricated Wind Shelter, equal to or greater than 8 foot	Ft	Portable Livestock Fabricated Wind Shelter is installed to provide protection for livestock. The shelter can be moved around the grazing unit in order to prevent heavy use resource concerns at any one location.	AMA, EQIP	\$34.66	\$41.59
Permanent Fabricated Wind Shelter, equal to or greater than 8 foot	Ft	Permanent Livestock Fabricated Wind Shelter is installed to provide protection for livestock.	AMA, EQIP	\$26.73	\$32.08

Mulching (484)

Lifespan: 1 Year

- Per the EQIP manual, payment for weed and pest control or management is prohibited, except when required to establish another conservation practice (CPM.515.91.J).
- This practice is only used to provide erosion control, facilitate the establishment of vegetative cover of an associated conservation practice, or improve soil quality (i.e. Leaf Mulching).
- Additional consecutive years, up to three total years, can be contracted.

Scenario	Unit	Description	Program(s)	RE	HU
Natural Material, Full Coverage	Ac	Straw mulch typically spread by hand at a rate of 125 bales/acre	AMA, EQIP	\$432.67	\$519.20

Erosion Control Blanket	SF	Coir, excelsior, or straw mat with netting both sides installed in a concentrated flow channel. Anchored with staples.	AMA, EQIP	\$0.14	\$0.16
Tree and Shrub	Each	Weed barrier fabric squares installed around individual trees and shrubs to ensure establishment of companion practice such as Tree and Shrub Establishment (612), Windbreak (380), Hedgerow Planting (422), Streambank and Shoreline Protection (580), and Riparian Forest Buffer (391).	AMA, EQIP	\$2.03	\$2.44
Leaf Mulching	Ac	Spreading leaves over cropland for a protective mulch layer. Leaves must be applied with 7 days of receipt and incorporated with the next tillage season.	AMA, EQIP	\$62.47	\$74.96
Wood Chips	SF	Application of wood chips around trees, shrubs, or potted grass plantings to reduce erosion, and facilitate the establishment of vegetative cover	AMA, EQIP	\$0.22	\$0.26

Nutrient Management (590)

Lifespan: 1 Year

- A nutrient management plan is required to be developed prior to implementing this practice. Conservation Activity Plans must be completed prior to April 15 to be contracted in the same contracting year. If contracted, Nutrient Management must be scheduled in the first year of the contract unless following a waste storage facility.
- Additional consecutive years (up to three total years) must be for the same fields or for the same crop if located on different fields. If Nutrient Management will follow the crop on different fields throughout the life of the contract, those fields must be identified in the plan. All land scheduled for Nutrient Management in any year must be implemented or the contract will be in violation of the terms and conditions. Contracts should specify a date for providing annual records to the field office for review and certification.
- Contracts with a waste storage facility used for land application must include **three years** of Nutrient Management following installation of the storage facility. **Different application rates than planned will require revisions to the plan.**
- Nutrient Management payments can only be made after the producer provides documentation to the field office that includes both recommended and actual rates of nutrient applications. A complete checklist of certification requirements can be found on the eFOTG > Section IV > Conservation Practices > Nutrient Management. These records must be maintained in the case file (or another referenced location) for the length of the contract. Only the recommendations and applied records for the fields included in the contract need to be maintained.
- Lime must be applied according to the nutrient management plan or soil test recommendations.
- Applications that exceed the recommended rates must be supported by in field tests such as the Presidedress Soil Nitrate Test or the Early Season Chlorophyll Meter Test. All other over applications are not eligible for payment.

Scenario	Unit	Description	Program(s)	RE	HU
Basic NM (Non-organic/Organic)	Ac		AMA, EQIP	\$2.54	\$3.05
Basic NM with Manure Injection or Incorporation	Ac		AMA, EQIP	\$16.57	\$19.89
Small Farm NM (Non-organic/organic)	Each		AMA, EQIP	\$120.71	\$144.86
Basic NM with manure and/or Compost (Non-Organic/Organic)	Ac		AMA, EQIP	\$4.30	\$5.16

NM Nitrification/Urease Inhibitors, Variable Rate, grid/zone soil sample, soil sampling, soil nitrate/plant tissue test (Non-Organic/Organic)	Ac		AMA, EQIP	\$24.03	\$28.84
NM grid/zone soil sampling, variable rate, soil nitrate/plant tissue test (Non-Organic/Organic)	Ac		AMA, EQIP	\$17.22	\$20.66
Adaptive NM	Each	The practice scenario is for the implementation of nutrient management on a small plot, as detailed in outlined in Agronomy Technical Note 7 - Adaptive Nutrient Management. Scenario includes implementing replicated strip trials on a field plot to evaluate, identify and implement various nutrient use efficiency improvement methods for timing, rate, method of application, or source of nutrients.	AMA, EQIP	\$1,474.53	\$1,769.43

Obstruction Removal (500)

Lifespan: 10 Years

- Practice payment is authorized when existing obstructions interfere with a planned conservation practice.

Scenario	Unit	Description	Program(s)	RE	HU
Removal and disposal of brush and trees < 6 inch diameter	Ac		EQIP	\$858.94	\$1,030.72
Removal and disposal of brush and trees > 6 inch diameter	Ac		EQIP	\$1,725.83	\$2,071.00
Brush and tree removal with hand tools	Ac		EQIP	\$701.00	\$841.20
Removal and disposal of fence	Ft		EQIP	\$0.72	\$0.86
Rock blasting and disposal	CY	Rock or boulders are removed through drilling or blasting. Material is hauled off-site, buried, or stockpiled for other use.	EQIP	\$29.92	\$35.91
Rock, Mechanical destruction	CY	Rock or boulders are removed by jack hammer or track hoe attachment. Material is hauled off-site, buried, or stockpiled for other use.	EQIP	\$33.91	\$40.69
Removal and disposal of steel and/or concrete structures	SF	Payment is by structure footprint.	EQIP	\$3.71	\$4.45
Removal and disposal of wood structures	SF	Payment is by building footprint.	EQIP	\$0.66	\$0.79

On-Farm Secondary Containment Facility (319)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Earthen Containment	CY	Earthen containment dike with a flexible membrane liner.	EQIP	\$106.96	\$128.35
Concrete Containment Wall	CY	Reinforced concrete containment wall with a concrete slab.	EQIP	\$933.24	\$1,119.89
Single Wall Tank Replacement With A Double Wall Tank or Dike Tank	Gal	New double wall tank replacing an existing single wall tank without containment area.	EQIP	\$2.20	\$2.65

Double Wall tank	Gal	Replacement of an existing single wall fuel storage tank with a new double wall tank.	EQIP	\$1.00	\$1.20
Corrugated Metal Wall Containment	SF	A corrugated metal ring containment with a flexible membrane liner around an existing storage tank.	EQIP	\$21.80	\$26.16
Modular Block Containment Wall	SF	Modular block concrete wall containment with a flexible membrane liner over a 6' concrete floor.	EQIP	\$23.21	\$27.85

Pond Sealing or Lining, Bentonite Sealant (520)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Soil Dispersant - Uncovered	CY		EQIP	\$5.45	\$6.54
Soil Dispersant - Covered	CY		EQIP	\$4.41	\$5.29
Bentonite Treatment - Uncovered	CY		EQIP	\$66.00	\$79.20
Bentonite Treatment - Covered	CY		EQIP	\$69.37	\$83.24
Material haul < 1 mile	CY		EQIP	\$10.38	\$12.45
Material haul > 1 mile	CY		EQIP	\$9.74	\$11.68

Pond Sealing or Lining, Flexible Membrane (521A)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Flexible liner with leak detection line	SF		EQIP	\$1.28	\$1.54
Flexible liner used for agrichemical mixing facilities	SF		EQIP	\$1.69	\$2.02

Pond Sealing or Lining, Concrete (522)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Concrete liner, non-reinforced	CF		EQIP	\$0.38	\$0.45
Concrete liner, reinforced	CF		EQIP	\$0.85	\$1.02

Prescribed Burning (338)

Lifespan: 1 Year

- If used in a forestry setting under EQIP, it must be implemented as per a Forest Stewardship Plan recommendation.

Scenario	Unit	Description	Program(s)	RE	HU
Understory Burn	Ac		EQIP	\$60.61	\$72.73
Site preparation	Ac	The burn prepares the site for seeding of early successional habitat or planting of desired vegetation.	EQIP	\$131.66	\$157.99
Herbaceous Fuel	Ac		EQIP	\$27.85	\$33.43
Volatile woody fuels < 4 ft tall	Ac		EQIP	\$37.03	\$44.43
Volatile woody fuels > 4ft tall	Ac		EQIP	\$45.82	\$54.98

Prescribed Grazing (528)

Lifespan: 1 Year

- All plans must follow the New Jersey Prescribed Grazing Guidance Document.
- Operations are required to implement at least 1 year of Prescribed Grazing with a maximum of 3 years.
- Operations that are expanding in animal numbers greater than 25% must implement Prescribed Grazing until the planned animal numbers are reached on the operation, up to 3 years.
- The pasture condition score will be run no sooner than a year after the last practice is installed. To receive payment for a completed prescribed grazing practice (intense or standard), the contracted land must have an improved pasture condition score, and be greater than 35. The score must be maintained or improved in the following contracted years.
- Ensure that any scenarios that are contracted to support bog turtle habitat are in accordance with the US Fish and Wildlife Service Region 5 Bog Turtle Biological Opinion.
- The animal unit documentation worksheet must be used to document the animal units supported by the Prescribed Grazing System.

Scenario	Unit	Description	Program(s)	RE	HU
Pasture Standard	Ac	Paddock Residency 3 or more days	AMA, EQIP	\$25.56	\$30.67
Pasture Intensive	Ac	Paddock Residency less than 3 days	AMA, EQIP	\$48.50	\$58.20
Pasture Deferment of Interrupted Harvest	Ac	The pasture is deferred for over 90 days of the growing season.	AMA, EQIP	\$47.84	\$48.91
Targeted Grazing	Ac	Management of woody, undesirable, non-herbaceous plant species through the use of livestock that are closely herded to concentrate grazing on targeted shrubs.	AMA, EQIP	\$284.81	\$341.77

Pumping Plant (533)

Lifespan: 15 Years

- Pumping plant is only authorized as a companion practice to support another conservation practice.
- For livestock pumps, payment is authorized when needed to implement an approved grazing plan.
- Payment is not authorized when the pumping plant will be used for any part of a human domestic water supply.
- Associated practice may be: Waste Transfer (634).

Scenario	Unit	Description	Program(s)	RE	HU
Electric powered pump, 3 hp or less	Each	Submersible or surface pump for livestock watering, irrigation, or waste transfer.	AMA, EQIP	\$901.09	\$1,351.63
Electric powered pump 3 hp or less with pressure tank	Each	Submersible or surface pump for livestock watering, irrigation, or waste transfer.	AMA, EQIP	\$1,342.16	\$2,013.24
Electric powered pump 3 hp or less with pressure tank and pump housing	Each	Submersible or surface pump for livestock watering, irrigation, or waste transfer.	AMA, EQIP	\$4,931.20	\$5,917.44
Electric powered pump 3 to 10 hp	Each	Surface pump for high-press (200 psi) livestock pipeline, medium (200 gpm, 40 psi) irrigation, or medium (400 gpm, 20 psi) waste transfer.	AMA, EQIP	\$1,885.54	\$2,828.31
Electric powered pump 10 to 40 hp	Each	Surface pump for medium (600 gpm, 50 psi) sprinkler, large (850 gpm, 35 psi) microirrigation, or a large (1,200 gpm, 25 psi) waste transfer system.	AMA, EQIP	\$4,315.86	\$6,473.79
Electric powered pump 40 to 60 hp	Each	Surface pump for large (1,200 gpm, 50 psi) sprinkler, very large (1,700 gpm, 35 psi) microirrigation, or a very large (2,400 gpm, 25 psi) waste transfer system.	AMA, EQIP	\$9,983.74	\$11,980.49

Electric powered pump over 60 hp	Each	Surface pump for large (1,200 gpm, 50 psi) sprinkler, very large (1,700 gpm, 35 psi) microirrigation, or a very large (2,400 gpm, 25 psi) waste transfer system.	AMA, EQIP	\$9,248.73	\$13,873.10
Variable Frequency Drive	HP	Electronic components installed on a 3-phase motor.	AMA, EQIP	\$121.79	\$182.69
Internal combustion powered pump 7.5hp or less	Each	An appropriately sized internal combustion pump for irrigation or waste transfer.	AMA, EQIP	\$1,732.73	\$2,599.09
Internal combustion powered pump 7.5 to 39 hp	Each	An appropriately sized internal combustion pump for irrigation or waste transfer.	AMA, EQIP	\$4,803.36	\$7,205.04
Internal combustion powered pump 40 to 75 hp	Each	An appropriately sized internal combustion pump for irrigation or waste transfer.	AMA, EQIP	\$15,020.63	\$22,530.94
Internal combustion powered pump over 75 hp	Each	An appropriately sized internal combustion pump for irrigation or waste transfer.	AMA, EQIP	\$20,994.44	\$31,491.66
Windmill powered pump	Each	Windmill, tower, gear box and all appurtenances for livestock watering	AMA, EQIP	\$5,302.65	\$7,953.98
Photovoltaic powered pump	Each	Pump, wiring, solar panels, controller and all appurtenances for irrigation or livestock watering. Does not storage reservoir.	AMA, EQIP	\$3,595.64	\$5,393.46
Water ram pump	Each	Water ram pump installed in a stream for irrigation or livestock watering. Does not include storage reservoir.	AMA, EQIP	\$737.77	\$1,106.65
Livestock nose pump	Each	Diaphragm pump installed on concrete base with pipe into stream. Does not include HUAP around waterer.	AMA, EQIP	\$261.59	\$392.38
Electric or ram manure pump	Each	Waste transfer pump for semi-solid/liquid manure.	AMA, EQIP	\$4,902.80	\$7,354.20
Large piston manure pump	Each	Submersible or surface pump for livestock watering, irrigation, or waste transfer.	AMA, EQIP	\$18,052.20	\$27,078.10
< 50 gpm irrigation PTO pump	Each	Submersible or surface pump for livestock watering, irrigation, or waste transfer.	AMA, EQIP	\$396.47	\$594.71
50 to 500 gpm PTO pump	Each	Submersible or surface pump for livestock watering, irrigation, or waste transfer.	AMA, EQIP	\$2,038.84	\$3,058.25
> 500 gpm PTO pump	Each	Surface pump for high-press (200 psi) livestock pipeline, medium (200 gpm, 40 psi) irrigation, or medium (400 gpm, 20 psi) waste transfer.	AMA, EQIP	\$4,852.48	\$7,278.72
1 hp pump, siphon, or flout	Each	Surface pump for medium (600 gpm, 50 psi) sprinkler, large (850 gpm, 35 psi) microirrigation, or a large (1,200 gpm, 25 psi) waste transfer system.	AMA, EQIP	\$577.06	\$865.59
Turbine Pump	Each	Surface pump for large (1,200 gpm, 50 psi) sprinkler, very large (1,700 gpm, 35 psi) microirrigation, or a very large (2,400 gpm, 25 psi) waste transfer system.	AMA, EQIP	\$5,714.77	\$8,405.38
Booster Pump for Waste Transfer	Each	Installation of Booster Pump along Waste Transfer System to move to distant fields for application.	AMA, EQIP	\$8,405.38	\$10,086.46

Residue and Tillage Management, Reduced Till (345)

Lifespan: 1 Year

- A resource concern must be present on the land contracted which can be addressed through the application of a *new* residue management system. All treated acres must be scheduled in the first year of the contract. Additional consecutive years (up to three total years) must be for the same fields (can be different crops). Additional fields for other years would be considered a separate application for funding.
- Specify the amount, orientation, and distribution of crop and other plant residue to be left on the soil surface year round. Identify soil-disturbing activities that will be limited.
- The STIR value for every crop year planned must not exceed 80. RUSLE2 documentation for the STIR value for every cropping interval year contracted must be included in the case file.
- **Implementation for adaptive management involves establishing replicated plots to evaluate one or more cover crop management strategies.**

- Trials must be repeated for 3 years and 4 plots for each treatment are required. The plots will be designed, managed, and evaluated with the assistance of a consultant, extension agent, or other person knowledgeable in cover crops and data analysis. Yields will be measured and statistically summarized following the procedures in AGR Tech Note 10. A Report of the findings is required to be given to the NRCS office. The practice will not be certified until the field office has received the report with the information analyzed as outlined in AGR Tech Note 10.
- Plot size width will be 2-4 times the width of the largest piece of equipment needed and length will be 4-10 times the size of that same equipment.

Scenario	Unit	Description	Program(s)	RE	HU
Residue and Tillage management, reduced	Ac		AMA, EQIP	\$15.79	\$18.94
Mulch till-adaptive management	Each	The practice scenario is for the implementation of mulch till in small replicated plots to allow the producer to learn how to manage mulch till on their operation. Scenario includes implementing replicated strip trials on a field plot to evaluate, identify and implement a particular mulch till management strategy (e.g., mulch till vs. conventional till, two different mulch till systems, etc.). This will be done following the guidelines outlined in Agronomy Technical Note 10 - Adaptive Management.	AMA, EQIP	\$2,984.59	\$3,581.50
Reduced Till Sweep for No Burn/Sweep Beds – Sugarcane Production in Louisiana	Ac		AMA, EQIP	\$12.27	\$14.73

Residue and Tillage Management, No Till (329)

Lifespan: 1 Year

- A resource concern must be present on the land contracted which can be addressed through the application of a *new* residue management system. All treated acres must be scheduled in the first year of the contract. Additional consecutive years (up to three total years) must be for the same fields (can be different crops). Additional fields for other years would be considered a separate application for funding.
- The STIR value for every crop year planned must not exceed 20. RUSLE2 documentation for the STIR value for every cropping interval year contracted must be included in the case file.
- Implementation for adaptive management involves establishing replicated plots to evaluate one or more cover crop management strategies.
 - Trials must be repeated for 3 years and 4 plots for each treatment are required. The plots will be designed, managed, and evaluated with the assistance of a consultant, extension agent, or other person knowledgeable in cover crops and data analysis. Yields will be measured and statistically summarized following the procedures in AGR Tech Note 10. A Report of the findings is required to be given to the NRCS office. The practice will not be certified until the field office has received the report with the information analyzed as outlined in AGR Tech Note 10.
 - Plot size width will be 2-4 times the width of the largest piece of equipment needed and length will be 4-10 times the size of that same equipment.

Scenario	Unit	Description	Program(s)	RE	HU
No-Till/Strip-Till	Ac		AMA, EQIP	\$14.86	\$17.83
No Till Adaptive Management	Each	No till in small replicated plots to allow the producer to learn how to manage mulch till on their operation	AMA, EQIP	\$2,500.08	\$3,000.09

Restoration and Management of Rare and Declining Habitats (643)

Lifespan: 1 Year

- The monitoring and management scenarios cannot be contracted as standalone items in a contract and must be in conjunction with this practice standard or another practice standard for habitat management. A documented habitat must be identified and the planner will specify locations and identify the methods to the customer who will implement the monitoring and management plan.

Scenario	Unit	Description	Program(s)	RE	HU
Monitoring and management, very low intensity and complexity	Ac	Monitoring will be used to determine if the conservation system meets or exceeds the minimum quality criteria for the targeted wildlife. The planner will specify locations and identify the methods to the customer who will implement the monitoring and management plan.	EQIP	\$0.79	\$0.95
Monitoring and management, low intensity and complexity	Ac	Monitoring will be used to determine if the conservation system meets or exceeds the minimum quality criteria for the targeted wildlife. The planner will specify locations and identify the methods to the customer who will implement the monitoring and management plan.	EQIP	\$2.65	\$3.18
Monitoring and management, medium intensity and complexity	Ac	Monitoring will be used to determine if the conservation system meets or exceeds the minimum quality criteria for the targeted wildlife. The planner will specify locations and identify the methods to the customer who will implement the monitoring and management plan.	EQIP	\$9.81	\$11.77
Monitoring and management, high intensity and complexity	Ac	Monitoring will be used to determine if the conservation system meets or exceeds the minimum quality criteria for the targeted wildlife. The planner will specify locations and identify the methods to the customer who will implement the monitoring and management plan.	EQIP	\$18.36	\$22.03
Development of Shallow Micro-Topographic Features with Normal Farming Equipment	Ac		EQIP	\$30.56	\$36.67
Development of Deep Micro-Topographic Features with Heavy Equipment	Ac		EQIP	\$85.59	\$102.71
Oyster Bar Purchase and place 2'	Ac	Restore oyster bar by placing shell on the bottom to create a 2-inch thick shell base. Oyster spat may be seeded or recruited via natural spatfall.	EQIP	\$9,839.62	\$11,807.54
Oyster Bar Purchase and place 4'	Ac	Restore oyster bar by placing shell on the bottom to create a 4-inch thick shell base. Oyster spat may be seeded or recruited via natural spatfall.	EQIP	\$18,593.61	\$22,312.33
Oyster Bar - Bagged Dredging	Ac	Monitoring will be used to determine if the conservation system meets or exceeds the minimum quality criteria for the targeted wildlife. The planner will specify locations and identify the methods to the customer who will implement the monitoring and management plan.	EQIP	\$4,820.78	\$5,784.94
Oyster Rack Spacing for Wildlife Movement	Each	Rebar, mounted in place oyster racks are installed to the appropriate height and spacing to allow for wildlife movement underneath and around the racks.	EQIP	\$41.70	\$50.05

Riparian Forest Buffer (391)

Lifespan: 15 Years

- Practice payment includes zones 1 and 2. If zone 3 is needed, it must be contracted separately.

- Contract and plan will specify desired width, length, vertical structure/density.
- Associated practice may be: Filter Strip (393).

Scenario	Unit	Description	Program(s)	RE	HU
Bareroot, Hand planted with tube	Ac		AMA, EQIP	\$3,051.66	\$3,592.79
Bareroot, machine planted, with tree tubes	Ac		AMA, EQIP	\$3,104.40	\$3,656.09
Small container, hand planted	Ac	Less than one gallon container stock	AMA, EQIP	\$2,595.84	\$3,045.82
Large container, hand planted	Ac	Greater than or equal to one gallon container stock	AMA, EQIP	\$4,972.63	\$5,759.57

Riparian Herbaceous Cover (390)

Lifespan: 5 Years

- Contract and plan will specify desired width, length, vertical structure/density.

Scenario	Unit	Description	Program(s)	RE	HU
Native Seeding, Cropland	Ac		AMA, EQIP	\$1,466.78	\$1,690.94
Native Seeding, Pasture	Ac		AMA, EQIP	\$1,262.34	\$1,486.50

Road/Trail/Landing Closure and Treatment (654)

Lifespan: 10 Years

- Must be implemented as per a Forest Stewardship Plan recommendation.

Scenario	Unit	Description	Program(s)	RE	HU
Road/Trail Abandonment/Rehabilitation (light)	Ft	A trail is reshaped to natural condition ns.	EQIP	\$2.93	\$3.52
Road/Trail/Landing Closure and Treatment, less than or equal to 35% hillslope	Ft	The practice includes permanent road/trail/landing closure, treatment, or removal and to hydrologically reconnect the hillslope to applicable drainage networks. The treatment will prohibit future access.	EQIP	\$4.87	\$5.84
Road/Trail/Landing Closure and Treatment, greater than 35% hillslope	Ft	The practice includes permanent road/trail/landing closure, treatment, or removal and to hydrologically reconnect the hillslope to applicable drainage networks. The treatment will prohibit future access.	EQIP	\$9.78	\$11.74
Road/Trail removal and restoration (Vegetative)	Ft	Minimal re-shaping to natural conditions using light equipment and the establishment of permanent vegetation	EQIP	\$2.28	\$2.74

Roof Runoff Structure (558)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Roof Gutter	Ft	Gutters, downspouts, and fittings. Payment is based on length of gutter only. The downspout is included. Fascia board existing.	EQIP	\$6.81	\$8.17
Roof Gutter with Fascia	Ft	Fascia board, gutters, downspouts, and fittings. Payment is based on length of gutter only.	EQIP	\$10.58	\$12.70
Roof Gutter, 6 inches wide with runoff storage tank	Ft	Gutter and downspout connected to a 1500 gallon poly tank with overflow. Length = gutter only.	EQIP	\$12.38	\$14.86

Concrete Curb	Ft	Concrete curb or channel along the dripline of a building. Payment is based on length of curb or channel to a stable outlet.	EQIP	\$14.66	\$17.59
Trench Drain	Ft	A rock-filled trench with drainage tile along the dripline of a building. If outlet is remote, other practices may be applicable.	EQIP	\$10.83	\$13.00
Stone Infiltration Sump	Each	An excavated sump (6'x6'x8') lined with geotextile, filled with rock, and covered with soil. Includes 10' inlet and 10' overflow pipes.	EQIP	\$843.01	\$1,011.61
Roof Gutter with Storage Tank	Gal	A water catchment and retention system for collecting roof runoff from a livestock, poultry, nursery or similar operation utilizing tanks to store the water. Catch water from the roof is collected in gutters and is transported by downspout and pipe to storage tanks. Water will be stored and subsequently used on-farm. Tanks will have overflow protection. Overflow will be routed to a suitable outlet.	EQIP	\$1.23	\$1.48

Roofs and Covers (367)

Lifespan: 10 Years

- Practice payment is authorized when:
 - Used in conjunction with another practice such as Animal Mortality Facility (316), Composting Facility (317), Heavy Use Area Protection (561), On-Farm Secondary Containment Facility (319) or Waste Storage Facility (313).
 - A roof or cover is part of an approved Comprehensive Nutrient Management Plan
 - A reasonable site is not available that eliminates the need for a roof or cover
- Payment for the roof/cover is based on the footprint of the building or square foot of the facility. The roof overhang is included in the cost development.
- The facility may be enclosed on one or two sides for the purpose of excluding driving rain and snow from livestock waste areas. Removable curtains are permitted on all sides. Enclosures are the participant's expense.
- Roofs associated with areas providing housing, feeding, or animal comfort, feed storage, and production are at the participant's expense. If area is contiguous to the eligible roof or cover, that portion of the footprint is not eligible for practice payment and must be documented.
 - EQIP policy states in 515.91.B (xi) states that any part of a building used solely for livestock housing, feed, or animal comfort are ineligible.
 - Exception – Buildings determined by the State Conservationist to be a necessary component of an animal waste facility on an AFO are eligible if identified in a CNMP.

Scenario	Unit	Description	Program(s)	RE	HU
Flexible Roof	SF	A fabric-like roof on a steel truss hoop structure designed to meet all building codes.	EQIP	\$4.75	\$5.70
Flexible Roof with Complex Foundation	SF	A fabric-like roof on a steel truss hoop structure designed to meet all building codes. Complexity of foundation determined by the engineering specialist.	EQIP	\$5.97	\$7.17
Timber frame roof over small bins	SF	A small timber roof structure, 1500 sq ft max, with roof rafters instead of trusses. Steel roof sheathing. Posts are anchored to bins.	EQIP	\$9.82	\$11.78
Timber frame roof	SF	A timber-framed pavilion-style roof with trusses and steel roof sheathing. Posts are anchored to an existing facility or embedded in ground. Snow plus dead loads on truss are less than 40 psf.	EQIP	\$6.40	\$7.68
Timber frame roof, heavy snow/wind	SF	Specified snow load and dead load on truss is equal to or greater than 40 PSF or wind loads exceeding 90 mph.	EQIP	\$8.30	\$9.97
Timber frame roof with complex foundation	SF	A timber frame roof with a complex foundation as determined by the engineering specialist.	EQIP	\$7.16	\$8.60

Timber frame roof with complex foundation, Heavy snow/wind	SF	A timber frame roof with snow and dead load 40 psf or more or winds exceeding 90mph and a complex foundation as determined by the engineering specialist.	EQIP	\$9.06	\$10.88
Steel frame with roof	SF	A steel-framed pavilion-style roof with steel roof sheathing. Steel frames are sufficiently supported.	EQIP	\$5.65	\$6.78
Permeable Composite or Inorganic Cover	SF		EQIP	\$5.84	\$7.01
Flexible Membrane Cover, 20000 or less SF pond surface area	SF		EQIP	\$6.74	\$8.09
Flexible Membrane Cover, 20,001 to 80,000 SF pond surface area	SF		EQIP	\$2.95	\$3.54
Flexible Membrane Cover, 80001 or greater pond surface area	SF		EQIP	\$2.79	\$3.34

Saturated Buffer (604)

Lifespan: 20 Years

Scenario	Unit	Description	Program(s)	RE	HU
Saturated Buffer	Ft	Water discharging from a subsurface drainage system is dispersed along a buffer strip (often a riparian buffer). The water flows underground through the buffer area where nutrients and sediment can be removed before the water reaches the stream.	EQIP	\$6.33	\$7.60

Sediment Basin (350)

Lifespan: 20 Years

Scenario	Unit	Description	Program(s)	RE	HU
Excavated Basin	CY	The typical sediment basin is constructed by excavating material and spreading the spoil outside the pool area using excavation equipment	EQIP	\$2.00	\$2.40
Embankment, earthen basin, no pipe	CY	A low hazard class embankment earthen sediment basin in an existing drainage way. The typical sediment basin is constructed by excavating the pool area, constructing the auxiliary spillway, preparing the foundation as designed and using material to create an embankment.	EQIP	\$2.00	\$2.40
Embankment, earthen basin with pipe	CY	A low hazard class embankment earthen sediment basin in an existing drainage way. The typical sediment basin is constructed by excavating the pool area, constructing the auxiliary spillway, preparing the foundation as designed and using material to create an embankment. Includes pipe.	EQIP	\$4.45	\$5.34

Short Term Storage of Animal Waste and Byproducts (318)

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
Poly Cover, Earthen Pad	CF	A compacted earthen pad with poly cover constructed to store wastes on a short-term basis between collection and utilization as part of an agricultural waste management system	EQIP	\$0.14	\$0.17

Spoil Spreading (572)

Lifespan: 1 Year

Scenario	Unit	Description	Program(s)	RE	HU
Spoil spreading	CY	Excess soil excavated in association with another conservation practice and approved plan is spread over a designated area.	EQIP	\$2.20	\$2.63

Spring Development (574)

Lifespan: 20 Years

Scenario	Unit	Description	Program(s)	RE	HU
Spring development with laterals	Each	This scenario includes excavating and exposing the water source at the spring/seep (typically on a hillside), constructing a water collection structure by installing perforated pipe laterals enclosed in a sand/gravel envelope overlaid by filter fabric and behind compacted soil and plastic to retain water.	EQIP	\$3,850.33	\$4,620.40
Spring development, no laterals	Each	This typical scenario includes excavating and exposing the water source at the spring/seep (typically on a hillside) at a point source natural spring or adjacent to a pond.	EQIP	\$2,225.17	\$2,670.20
Spring box with laterals	Each	This scenario includes excavating and exposing the water source at the spring/seep (typically on a hillside), constructing a water collection structure by installing perforated pipe laterals enclosed in a sand/gravel envelope overlaid by filter fabric and behind compacted soil and plastic to retain water.	EQIP	\$5,694.97	\$6,833.97
Plastic tank with laterals	Each	This scenario includes excavating and exposing the water source at the spring/seep (typically on a hillside), constructing a water collection structure by installing perforated pipe laterals enclosed in a sand/gravel envelope overlaid by filter fabric and behind compacted soil and plastic to retain water.	EQIP	\$4,316.98	\$5,180.38

Sprinkler System (442)

Lifespan: 15 Years

- All contracts must include 3 years of Irrigation Water Management to ensure proper utilization of the system.
- The system design review will include all zones from a single water source, regardless of how much is being implemented under the current contract. All system reviews must be completed prior to installation of the mainline, if contracted, or any component of practice 442.
- For EQIP, the land must have a history of irrigation to be eligible.
- Flow meter is included in all scenarios.
- Systems include all appurtenances, labor, and equipment to install the practice.
- Scenarios do not include pump (std. 533), power source, pipeline, and water source (well or reservoir).

Scenario	Unit	Description	Program(s)	RE	HU
Center Pivot	Ft		AMA, EQIP	\$41.17	\$61.75
Linear Move	Ft		AMA, EQIP	\$50.86	\$76.30
Pivoting Linear Move	Ft	A linear move system that is designed to swing 180 degrees to irrigate additional acreage.	AMA, EQIP	\$6.29	\$9.44
System Renovation	Ft	High pressure nozzles are replaced with low-pressure nozzles.	AMA, EQIP	\$58.76	\$88.14

Stream Crossing (578)

Lifespan: 10 Years

- Payment is based on the least cost alternative to meet the minimum practice standards to address the resource concern regardless of what is actually installed. Any additional expense above what is needed to meet the standard is at the expense of the participant.
- NJ DEP permit application fees are the responsibility of the participant.
- Associated practices may be (342) Critical Area Planting, (560) Access Road, (575) Animal Trails and Walkways, (566) Recreational Trails and Walkways, (500) Obstruction Removal, or (584) Channel Stabilization. (561) Heavy Use Area, (382) Fence.

Scenario	Unit	Description	Program(s)	RE	HU
Bridge	SF	Dry Crossing. A bridge that spans a stream for equipment or livestock traffic.	EQIP	\$35.88	\$43.06
Culvert Installation	In-Ft	Dry Crossing. Payment is based on the culvert diameter inches times the length of pipe.	EQIP	\$7.40	\$8.88
Ford with water management	SF	Wet crossing stabilizing bed and banks using geocells, pavers, gabions or something other than cattle slats. Includes dewatering.	EQIP	\$15.68	\$18.82
Ramp only	SF	Wet crossing stabilizing banks with geocells, pavers, gabions, or riprap. Channel bed is stable.	EQIP	\$4.75	\$5.70
Ramps and channel	SF	Stabilized wet crossing (bed and banks) using geocells, pavers, gabions, riprap or something other than cattle slats.	EQIP	\$4.07	\$4.89
Ramp only with Cattle Slats	SF	Wet crossing stabilizing banks with precast concrete slatted panels over a stone base. Channel bed is stable.	EQIP	\$7.12	\$8.54
Ramps and channel with Cattle Slats	SF	Wet crossing stabilizing bed and banks with precast concrete slatted panels laid over a stone base.	EQIP	\$11.04	\$13.24

Stream Habitat Improvement and Management (395)

Lifespan: 15 Years

- Consult NRCS biologist for plan review and scenario guidance.

Scenario	Unit	Description	Program(s)	RE	HU
Stream Habitat Enhancement	Ft	Payment is based on the entire reach of the impacted stream.	EQIP	\$25.29	\$30.35
Riparian zone improvement, forested	Ac	Fish and wildlife habitat improvement and/or management actions focused on the community structure and function of forested riparian zone plant communities.	EQIP	\$8,237.50	\$9,885.00
Instream wood placement	Ac	Placement of large wood (logs, root wads, log structures) into a stream channel in order to improve aquatic habitat that currently does not meet quality criteria for stream species habitat.	EQIP	\$16,479.83	\$19,775.80
Instream rock placement	Ac	Implementation of a stream habitat improvement and management project that places individual boulders or boulder clusters, or rock structures in or adjacent to the stream channel as habitat components.	EQIP	\$11,305.92	\$13,567.11
Instream rock and wood structures	Ac	Implementation of a stream habitat improvement and management project where practices are focused on instream habitat improvement with a combination of rock AND wood structures.	EQIP	\$26,655.06	\$31,986.07
Fish Barrier	CY	Implementation of a stream habitat improvement and management project where practices are focused on the stream channel.	EQIP	\$6,302.30	\$7,562.76

Cribbing Mudsill	Each	Implementation of a stream habitat improvement and management project where practices are focused on instream habitat improvement with a combination of rock AND wood structures to build a mudsill.	EQIP	\$887.93	\$1,065.51
Mid-stream Structure	Each	Implementation of a stream habitat improvement and management project where practices are focused on instream habitat improvement with a combination of rock AND wood structures.	EQIP	\$685.69	\$822.83
Deflector, Rock <= 80 ton	Each		EQIP	\$2,799.27	\$3,359.12
Deflector, Rock > 80 ton	Each		EQIP	\$4,249.65	\$5,099.59
Defector Group of 3 Root Wads	Each		EQIP	\$1,980.92	\$2,377.11
Cross Vane Rock or Rock/log	Each		EQIP	\$2,762.30	\$3,314.75

Streambank and Shoreline Protection (580)

Lifespan: 20 Years

Scenario	Unit	Description	Program(s)	RE	HU
Vegetative	SF	Protection of streambanks consisting of conventional plantings of vegetation to stabilize and protect against scour and erosion.	EQIP	\$0.64	\$0.77
Bioengineered	SF	Protection of streambanks consisting of a bioengineered technique comprised of non-structural measures such as earth revetments and benches with vegetative measures to stabilize and protect the streambank against scour and erosion.	EQIP	\$1.05	\$1.26
Structure, >5 ft bank	CY	Protection of streambanks using structural measures such as riprap, concrete block, gabions, etc. to stabilize and protect banks of streams or excavated channels against scour and erosion.	EQIP	\$87.43	\$104.92
Structural small, <4 ft banks	CY	Protection of streambanks using structural measures such as riprap, concrete block, gabions, etc. to stabilize and protect banks of streams or excavated channels against scour and erosion.	EQIP	\$89.63	\$107.55
Geotextile Wrapped	SF	Protection of streambanks using geotextile wrapped soil lifts and native vegetation.	EQIP	\$25.16	\$30.19
Bioengineered with Toe Protection	SF		EQIP	\$2.79	\$3.34

Stripcropping (585)

Lifespan: 5 Years

Scenario	Unit	Description	Program(s)	RE	HU
Stripcropping – wind and water erosion	Ac		EQIP	\$1.26	\$1.52

Structure for Water Control (587)

Lifespan: 20 Years

- Practice is authorized when required to support another conservation practice.

Scenario	Unit	Description	Program(s)	RE	HU
Inlet Flashboard Riser, Metal	Inch-Foot	Payment is based on the flashboard weir length (in inches) times barrel length (in feet)	EQIP	\$2.80	\$3.36

Inline Flashboard Riser, Metal	Inch-foot	Payment is based on the flashboard weir length (in inches) times barrel length (in feet)	EQIP	\$2.98	\$3.58
Commercial Inline Flashboard Riser	Inch-Foot	Pre-fabricated PVC structure typically used in shallow water impoundments. Payment is based on the flashboard weir length (in inches) times barrel length (in feet)	EQIP	\$3.53	\$4.23
Culvert <30 inches HDPE	Inch-Foot	Payment is based on the pipe diameter (in inches) times barrel length (in feet)	EQIP	\$2.18	\$2.62
Culvert <30 inches CMP	Inch-Foot	Payment is based on the pipe diameter (in inches) times barrel length (in feet)	EQIP	\$2.30	\$2.76
Trench Drain with grate	Each	Precast concrete cross-drain with surface grate	EQIP	\$1,359.61	\$1,631.54
Water Bar	Each	Permanent channel and berm typically used to divert water off a forest trail or access road	EQIP	\$613.42	\$736.11
Grated Dropbox	Each	Precast concrete catch basin with frame and grate	EQIP	\$927.15	\$1,112.58
Slide Gate	Each	A head gate to control the flow of water into a channel or pipe	EQIP	\$1,598.48	\$1,918.17
Flap Gate	Each	A tide gate to control backflow into a channel or pipe	EQIP	\$1,394.12	\$1,672.94
Flap Gate w/ Concrete Wall	CY	Concrete endwall with tide gate at a channel outlet. Payment is based on the cubic yards of concrete needed	EQIP	\$996.37	\$1,195.64
Rock Checks for Water Surface Profile	Ton	In-stream rock cross-vanes used to reconnect storm flows with the floodplain. Payment is based on tons of rock.	EQIP	\$43.46	\$52.15
In-Stream Structure for Water Surface Profile	LF	In-stream concrete structures used to reconnect storm flows with the floodplain. Payment is based on tons of rock.	EQIP	\$245.54	\$294.65
CMP Turnout	Each	A corrugated metal pipe (CMP) equipped with a slide gate diverts water from a ditch or canal into a field or field ditch.	EQIP	\$737.24	\$884.69
Concrete Turnout Structure - Small	Each	Structure to divert irrigation water from a channel into a field.	EQIP	\$1,213.57	\$1,456.28
Concrete Turnout Structure	Each	Structure to divert irrigation water from a channel into a field.	EQIP	\$3,200.80	\$3,840.96
Flow Meter with Mechanical Index	Inch	Payment is based on nominal diameter of meter	AMA, EQIP	\$149.48	\$179.38
Flow Meter with Electronic Index	Inch	Payment is based on nominal diameter of meter	AMA, EQIP	\$284.35	\$341.22
Flow Meter with Electronic Index & Telemetry	Inch	Payment is based on nominal diameter of meter	AMA, EQIP	\$394.97	\$473.96
Gated Pipe	LF	Above-grade pipe manifold to distribute stormwater or wastewater across the top of a vegetated area for disposal or treatment.	EQIP	\$11.19	\$13.43
Sprinkler gun	Each	This involves spreading water to prevent surface erosion. Typically stormwater or water that may have extremely low levels of nutrients or small solids. Distribution is on a site that is not typically down hill from source or is not contoured for other methods of distribution on an existing grassed area. Method used are one or more large sprinkler guns.	EQIP	\$560.55	\$672.66
Forestland Waterbar	Ea	This scenario is utilized for the installation of permanent water bars to direct water off an existing forest trail or access road to correct an existing soil erosion problem. Installation of water bars on new forest trails (655) is not covered by this practice scenario. This scenario is installed into existing soils, using a small to medium sized dozer with an angle blade.	EQIP	\$115.54	\$138.65
Basin, earthen	LnFt	An earth embankment constructed across the upper end of a water course to redirect flow into an inlet or riser connected to a existing or new underground outlet.. Typical top width 4' with an inside slope of 2:1 and an outside slope of 5:1 or flatter. Typical depth from 2 to 6' with the length of fill from 20 to 60'.The purpose is to facilitate flow redirection and allow some collection of trash and sediment.	EQIP	\$23.89	\$28.67

Structures for Wildlife (649)

Lifespan: 5 Years

- This practice is not intended to be a stand-alone practice; it must be associated with another contracted item. It does NOT have to be associated with another wildlife related practice.
- Species targeted must be specified in Conservation Plan practice narrative.
- Refer to NRCS Fish and Wildlife Habitat Management Leaflet Number 20, "Artificial Nesting Structures" for guidance: <http://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=25175.wba>
- Any questions, consult Biologist.

Scenario	Unit	Description	Program(s)	RE	HU
Nesting Box, Small no pole	Each	Small nest box size typical of a Bluebird box, kestrel box, pollinator box, etc.	EQIP	\$56.93	\$68.31
Nesting Box, Small, with wood pole	Each		EQIP	\$77.05	\$92.46
Nesting Box, Large	Each	Large nest box size typical of Wood duck box, owl box, bat box, osprey platform, etc.	EQIP	\$102.86	\$123.43
Nesting Box or Raptor Perch, Large, with Pole	Each		EQIP	\$158.20	\$189.84
Escape Ramp	Each		EQIP	\$27.32	\$32.79
Brush Pile - Small	Each	Brush piles constructed of materials found on-site. Small approximately 10'X20', limbs generally less than 12" in diameter.	EQIP	\$25.64	\$30.76
Brush Pile - Large	Each	Large roughly 30'X50', limbs generally at least 12" in diameter.	EQIP	\$134.54	\$161.45

Subsurface Drain (606)

Lifespan: 20 Years

- Only allowed as a companion practice when required by site conditions.

Scenario	Unit	Description	Program(s)	RE	HU
Corrugated Plastic Pipe, single wall, less than or equal to 6 inches	LF		EQIP	\$2.89	\$4.09
Enveloped Corrugated Plastic Pipe, single wall, less than or equal to 6 inches	LF	Includes a sand-gravel envelope	EQIP	\$3.62	\$5.13
Corrugated Plastic Pipe, less than 8 inches, buried 8 feet or more	LF		EQIP	\$17.51	\$24.80

Terrace (600)

Lifespan: 10 Years

Scenario	Unit	Description	Program(s)	RE	HU
Gradient	Ft		EQIP	\$3.27	\$3.92
Storage	Ft		EQIP	\$4.29	\$5.15
Gradient, Rebuild	Ft		EQIP	\$2.33	\$2.80
Storage, Rebuild	Ft		EQIP	\$3.31	\$3.97

Trails and Walkways (575)

Lifespan: 10 Years

- This practice only applies to locations on a farm needing a travel lane to facilitate the movement of livestock for one or more of the following purposes:
 - Provide or improve access to forage, water, shelter, or shade within a grazing system
 - Improve grazing efficiency and distribution
 - Divert travel away from ecologically sensitive and/or erosive sites
- Practice payment is not authorized for any construction greater than 12 feet in width.

Scenario	Unit	Description	Program(s)	RE	HU
Walkway, earth or vegetated	SF	Costs include excavation, shaping, grading, earth and or vegetated surfaces and all equipment, labor and incidental materials necessary to install the practice.	AMA, EQIP	\$0.20	\$0.24
Walkway, reinforced concrete	SF	Costs include excavation, shaping, grading, reinforced concrete surfacing, vegetation of disturbed areas, all equipment, labor and incidental materials necessary to install the practice.	AMA, EQIP	\$4.77	\$5.72
Walkway with gravel, no geotextile	SF	Costs include excavation, shaping, grading, rock and or gravel, vegetation of disturbed areas, all equipment, labor and incidental materials necessary to install the practice.	AMA, EQIP	\$1.23	\$1.48
Walkway with Gravel and Geotextile	SF	Costs include excavation, shaping, grading, rock and or gravel, geotextile, vegetation of disturbed areas, all equipment, labor and incidental materials necessary to install the practice	AMA, EQIP	\$1.54	\$1.84
Walkway with Rock/Gravel in GeoCell on Geotextile	SF	Costs include excavation, shaping, grading, rock and or gravel, containment grid, geotextile, vegetation of disturbed areas, all equipment, labor and incidental materials necessary to install the practice	AMA, EQIP	\$3.63	\$4.35
Walkway, Bituminous Concrete Pavement	SF	Costs include excavation, shaping, grading, bituminous concrete pavement surfacing, vegetation of disturbed areas, all equipment, labor and incidental materials necessary to install the practice.	AMA, EQIP	\$2.60	\$3.12
Walkway, Wood Chips	SF	Costs include excavation, shaping, grading, wood chip surfacing, vegetation of disturbed areas, all equipment, labor and incidental materials necessary to install the practice.	AMA, EQIP	\$0.38	\$0.46

Tree and Shrub Establishment (612)

Lifespan: 15 Years

- Each site will be evaluated to determine if mulching, supplemental water or other cultural treatments (e.g., tree protection devices, shade cards, brush mats) will be needed to assure adequate survival and growth.
- For more information on deer exclusion, review the New Jersey Deer Exclusion Fence Installation and Removal Guidance for (612) Tree and Shrub Establishment.

Scenario	Unit	Description	Program(s)	RE	HU
Individual tree - hand plant w tubes	Ea		EQIP	\$6.78	\$8.14
Individual tree - hand planting	Ea		EQIP	\$0.70	\$0.84
Shrubs Planting	Ea		EQIP	\$0.85	\$1.03
Low Density Hand Plant w Tubes	Ac		EQIP	\$1,315.21	\$1,578.25
Low Density Hand Plant with tubes	Ac	200 or less trees per acre	EQIP	\$973.88	\$1,168.65

High Density, Mechanical Plant	Ac		EQIP	\$300.57	\$360.68
High Density, Mechanical plant with tubes	Ac	More than 200 trees/shrubs per acre	EQIP	\$2,715.16	\$3,258.19
High Density, Hand Plant	Ac	More than 200 trees/shrubs per acre	EQIP	\$285.69	\$342.83
Planting, container	Ac	More than 200 trees/shrubs per acre	EQIP	\$1,263.72	\$1,516.46
High Density, Hand Plant, Tubes	Ac	More than 200 trees/shrubs per acre	EQIP	\$2,826.02	\$3,391.23
Hand Plant Conifers	Ea		EQIP	\$0.48	\$0.58
Tree/Shrub Regeneration Area with Protection	Ac		EQIP	\$454.65	\$545.58
Tree/shrub Planted Area with Protection	Ac	Naturally regenerate a forest stand using properly timed even-aged overstory harvesting methods and necessary site preparation. Seedlings are protected by temporary 8' high fencing materials or poly netting, designed to be moved when regeneration is established.	EQIP	\$725.74	\$870.89
Lower Density Hand Plant with tubes	Ac	Tree seedlings will be hand planted in a forested area where few or no forest trees are currently growing. Seedlings are protected by temporary 8' high fencing materials or poly netting, designed to be moved when regeneration is established.	EQIP	\$495.67	\$594.81

Tree and Shrub Site Preparation (490)

Lifespan: 1 Year

- The method, intensity and timing of site preparation will match the limitations of the site, equipment, and the requirements for establishing the desired woody species. Refer to Tree/Shrub Establishment (612) for specific guidance.

Scenario	Unit	Description	Program(s)	RE	HU
Heavy Mechanical	Ac	Using equipment such as a dozer or hydroaxe	EQIP	\$200.81	\$240.97
Light Mechanical	Ac	Using equipment such as a brush hog	EQIP	\$67.59	\$81.11
Chemical, Ground Application	Ac		EQIP	\$148.17	\$177.81
Chemical, Aerial	Ac		EQIP	\$38.03	\$45.64
Chemical, Hand Application	Ac		EQIP	\$87.20	\$104.64
Hand site preparation	Ac		EQIP	\$172.48	\$206.98
Windbreak, site preparation	Ac		EQIP	\$182.20	\$218.64
ARRI Spray and Cross Rip	Ac		EQIP	\$539.51	\$647.41

Underground Outlet (620)

Lifespan: 20 Years

- Practice is authorized as a companion practice when needed to support another conservation practice.
- Practice payment includes a field stone headwall. If conduit outlet protection is required, use an associated practice such as Lined Waterway (468).
- Associated practices may include: Critical Area Planting (342), Grassed Waterway (412), Lined Waterway (468), Terrace (600), Diversion (342), Water and Sediment Control Basin (638), Structure for Water Control (587), and Subsurface Drainage (606)

Scenario	Unit	Description	Program(s)	RE	HU
6" or less	Ft		EQIP	\$5.69	\$6.83
6" or less with riser	Ft	Includes Perforated PVC Riser Inlet. Payment is based on the conduit length.	EQIP	\$5.81	\$6.98
8 to 12"	Ft		EQIP	\$7.36	\$8.83

8 to 12" with riser	Ft	Includes Perforated PVC Riser Inlet. Payment is based on the conduit length.	EQIP	\$8.46	\$10.15
15 to 18"	Ft		EQIP	\$16.50	\$19.80
21 to 24"	Ft		EQIP	\$26.65	\$31.99
27 to 30"	Ft		EQIP	\$33.71	\$40.46
Over 30"	Ft		EQIP	\$42.90	\$51.48
UO with boring	Ft		EQIP	\$25.62	\$30.74

Upland Wildlife Habitat Management (645)

Lifespan: 1 Year

- The monitoring and management scenarios cannot be contracted as standalone items in a contract and must be in conjunction with this practice standard or another practice standard for habitat management. A documented habitat must be identified. A monitoring and management plan developed and/or approved by NRCS needs to be in place prior to contracting. The plan will specify locations and identify the methods to the customer who will implement the monitoring and management plan.
- Describe the appropriate method, timing and intensity of management needed to produce the desired habitat conditions and sustain them over time.
- Mowing for habitat management:**
 - Do not mow during the nesting season of ground nesting birds (April 1-July 15)
 - Mowing every year is not necessary to maintain early successional habitat. Mowing every 2 to 3 years is sufficient to prevent woody vegetation from becoming established. However, for contracting purposes (one item contracted each year), mowing acreage can be split.

Scenario	Unit	Description	Program(s)	RE	HU
Monitoring, Management, Very low intensity and complexity	Ac	The planner will specify locations and identify the methods for the customer to monitoring and implement the management plan. Examples of prescribed monitoring include but are not limited to: photo points taken, use documentation by livestock, regeneration/breeding success, completing an annual management records log, documenting wildlife sightings, documenting location and species of invasive plants and condition of vegetative and structural treatments. Management will be implemented based on the findings of the habitat assessment and monitoring.	EQIP	\$0.79	\$0.95
Monitoring, Management, Low intensity and complexity	Ac		EQIP	\$2.65	\$3.18
Monitoring, Management, Medium intensity and complexity	Ac		EQIP	\$9.81	\$11.77
Monitoring, Management, High intensity and complexity	Ac		EQIP	\$24.09	\$28.91
Development of Shallow Micro-Topographic Features with Normal Farming Equipment	Ac	The construction of micro and macro topographic features.	EQIP	\$30.56	\$36.67
Development of Deep Micro-Topographic Features with Heavy Equipment	Ac	The construction of micro and macro topographic features.	EQIP	\$85.59	\$102.71
Grassland Bird Management	Ac	This practice involves a change in the mowing regime on productive hayland by ensuring an early hay cut in mid to late May followed by a delay in the second cut of 65 days. A third cut is allowed.	EQIP	\$95.25	\$101.54

Vegetated Treatment Area (635)

Lifespan: 10 Years

- Practice payment includes the distribution pipe system to an existing vegetative area or a newly graded vegetative area (seeding is included).

- Associated practices may include: Diversion (362), Fence (382) to exclude livestock, Manure Transfer (634), Pumping plant (533), or Waste Separation Facility (632).

Scenario	Unit	Description	Program(s)	RE	HU
Gravity Flow Surface Application	SF	A permanent herbaceous vegetative area or channel installed down slope from a livestock production area.	EQIP	\$0.13	\$0.15
Graded Area, pumped into a basin, flow surface application	SF	A permanent herbaceous vegetative area or channel located upslope from the livestock production area.	EQIP	\$0.25	\$0.29
Vegetated Treatment Area with minor grading	SF	A permanent herbaceous vegetative area located adjacent to a livestock production area needs to be re-graded before use.	EQIP	\$0.12	\$0.14
Existing Vegetative Area, Gravity flow surface application	SF	An existing permanent herbaceous vegetated area that meets the requirements for a VTA and is used as an overland flow area for nutrient rich runoff treatment.	EQIP	\$0.18	\$0.22
Vegetative Treatment Area using an existing area with gated pipe or sprinkler system	SF	An existing permanent herbaceous vegetated area that meets the requirements for a VTA and is used as an overland flow area for nutrient rich runoff treatment. A flow distribution component is installed to achieve sheet flow at the start of the VTA or a fixed sprinkler setup is installed.	EQIP	\$0.10	\$0.12
VTA with 1 foot of new soil and complex distribution	SF	An existing site for the permanent herbaceous vegetated area does not meet the requirements for a VTA due to high phosphorous levels in existing top 12".	EQIP	\$0.33	\$0.40
VTA with 3 foot of new soil and complex distribution	SF	An existing site for the permanent herbaceous vegetated area does not meet the requirements for a VTA due to insufficient soil depth to limiting material.	EQIP	\$0.78	\$0.94

Vegetative Barrier (601)

Lifespan: 5 Years

Scenario	Unit	Description	Program(s)	RE	HU
Seeded Barrier	No.		EQIP	\$0.01	\$0.01
Vegetative Planting	No.		EQIP	\$5.72	\$6.86
Caribbean and Virgin Island Veg. Barriers with Cuttings	100 ft		EQIP	\$839.79	\$1,007.75
Pac. Island Area Vegetative Barrier	Ft		EQIP	\$5.88	\$7.06
Pacific Islands Area, Vegetative Barrier for small Area	1,000 ft		EQIP	\$5,809.43	\$6,971.31

Waste Facility Closure (360)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Poultry House Soil Remediation	CF	This practice scenario includes the remediation of the soil in an abandoned poultry structures previously used to store poultry waste (litter) on an earthen floor.	EQIP	\$0.60	\$0.72
Feedlot Closure	CF	This practice scenario includes the remediation of the soil on an abandoned feedlot previously used to feed animals on a bare earthen lot.	EQIP	\$0.21	\$0.25
Demolition of Concrete Waste Storage Structure	CF	This practice scenario includes the demolition of a concrete waste storage structure.	EQIP	\$2.64	\$3.17
Liquid Waste Impoundment Closure with 50% Liquids and 50% Solids	CF	This practice scenario includes the decommissioning of an earthen liquid waste impoundment (embankment or excavated type).	EQIP	\$0.23	\$0.27

Liquid Waste Impoundment Conversion to Fresh Water Storage with 50% Liquids and 50% Solids	CF	This practice scenario includes the conversion of an earthen liquid waste impoundment (embankment or excavated type) to freshwater storage.	EQIP	\$0.18	\$0.22
Liquid Waste Impoundment Conversion to Fresh Water Storage with 0% Liquids and 100% Solids	CF	This practice scenario includes the conversion of an earthen liquid waste impoundment (embankment or excavated type) to freshwater storage.	EQIP	\$0.26	\$0.31

Waste Recycling (633)

Lifespan: 1 Year

- If exporting Ag Waste, it must be implemented as per a comprehensive nutrient management plan.
- Utilization of Non-Agricultural waste is applicable to leaf residue only.

Scenario	Unit	Description	Program(s)	RE	HU
Export Ag Waste by-products recycled for use off-farm	Each	Agricultural by-products on the farm are in excess of the ability of the farm and limited crop landbase to utilize.	EQIP	\$350.68	\$420.82
Utilization of Non-ag waste by-products	Ac	A farm with soil quality resource concerns utilizes non-agricultural, by-product composted material to improve soil quality.	EQIP	\$120.03	\$144.03

Waste Separation Facility (632)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Mechanical Separation Facility, 150 AU or Less	Each	A small mechanical separation facility to partition solids, liquids, and/or associated nutrients from animal waste streams.	EQIP	\$27,097.21	\$32,516.65
Mechanical Separation Facility, Over 150 AU	Each	A large mechanical separation facility to partition solids, liquids, and/or associated nutrients from animal waste streams.	EQIP	\$43,875.72	\$52,650.87
Earthen Settling Structure	CF	An earthen structure, such as a basin or a terrace or dike like structure, used to capture and separate a portion of the solids from a liquid stream from a feedlot or confinement facility.	EQIP	\$0.41	\$0.49
Concrete Basin	CF	A concrete structure, such as a basin with concrete walls and floor, used to capture and separate a portion of the solids from a liquid stream from a feedlot or confinement facility.	EQIP	\$5.67	\$6.80
On-Lot Screen and Riser box	SF	An on lot screen is installed to separate solid and liquid wastes from an animal waste stream on an animal confinement area.	EQIP	\$6.85	\$8.22
Concrete Sand Settling Lane	SF	A concrete structure, a concrete lane with curbs, used to capture and separate a portion of the solids, mainly sand, from a liquid stream from a confinement facility.	EQIP	\$44.27	\$53.13

Waste Storage Facility (313)

Lifespan: 15 Years

- Applicants must have a Comprehensive Nutrient Management Plan (CNMP) in place prior to application for a waste storage facility. No Technical Service Provider (TSP) funds may be added to EQIP contracts to develop CNMPs. Producers interested

in receiving financial assistance to develop a CNMP may sign up for a Conservation Activity Plan (Standard 102). The CNMP must address the total capacity. Any changes or expansion to the existing operation must be addressed in the CNMP. If a revised CNMP is needed, the expense is borne by the applicant.

- Contracts with a waste storage facility used for land application, must include at least one year of Nutrient Management following installation of the storage facility.
- Payment for dry stack with walls is based on the inside floor dimensions needed for the design storage volume.
- Practice payment does not include:
 - Push off, ramps, and safety guards. Plan under Waste Transfer (634)
 - Pumps and transfer lines. Plan under pumping plant (533).
 - Roofs and roof gutters. Plan under roofs and covers (367) and Roof Runoff Structure (558).
 - Safety fence. Plan under Fence (382).

Scenario	Unit	Description	Program(s)	RE	HU
Earthen Storage Facility < 50k CF storage	CF	An earthen waste impoundment with a design storage volume of less than 50,000 ft ³ .	EQIP	\$0.33	\$0.40
Earthen Storage Facility 50K to 200k CF Storage	CF	An earthen waste impoundment with a struck full storage volume between 50,000 ft ³ -200,000 ft ³ .	EQIP	\$0.25	\$0.30
Earthen Storage Facility >200K CF Storage	CF	An earthen waste impoundment with a design storage volume of more than 50,000 ft ³ .	EQIP	\$0.19	\$0.23
Earthen Storage Facility, High Water Table	CF	An earthen waste impoundment facility. Due to high water table conditions, the earthen embankment is constructed on the soil surface. Earthfill is obtained from off-site.	EQIP	\$0.80	\$0.97
Tank, Above Ground < 25K CF storage	CF	An above ground circular glass lined steel or concrete structure with a design storage volume of less than 25,000 ft ³ .	EQIP	\$5.10	\$6.12
Tank, Above Ground 25K - 100K CF storage	CF	An above ground circular glass lined steel or concrete structure with a design storage volume of between 25,000 and 100,000 ft ³ .	EQIP	\$2.01	\$2.41
Tank, Above Ground >100K up to 200K CF storage	CF	An above ground circular glass lined steel or concrete structure with a design storage volume of between 100,000 and 200,000 ft ³ .	EQIP	\$1.60	\$1.92
Tank, Above Ground >200K CF storage	CF	An above ground circular glass lined steel or concrete structure with a design storage volume of greater than 200,000 ft ³ .	EQIP	\$1.67	\$2.01
Dry stack, earthen floor, no wall	SF	This scenario consists of a dry stack facility with compacted earthen floor without side walls. This scenario is intended for dryer material such as poultry litter.	EQIP	\$0.41	\$0.49
Dry stack, earthen floor, wood wall	SF	This scenario consists of a dry stack facility with compacted earthen floor with wooden walls, posts and a concrete curb. This scenario is intended for dryer material such as poultry litter.	EQIP	\$3.39	\$4.06
Dry Stack, earthen floor, concrete wall	SF	This scenario consists of a dry stack facility with compacted earthen floor with concrete walls. This scenario is intended for dryer material such as poultry litter.	EQIP	\$8.68	\$10.42
Dry Stack, <2K SF, Concrete floor and walls	SF	This scenario consists of a small dry stack facility with reinforced concrete floor and concrete walls. This scenario is intended for situations where consistency of manure or geographical conditions prohibits earthen floors.	EQIP	\$14.27	\$17.13
Dry Stack, 2K SF or greater, Concrete floor and walls	SF	This scenario consists of a small dry stack facility with reinforced concrete floor and concrete walls. This scenario is intended for situations where consistency of manure or geographical conditions prohibits earthen floors.	EQIP	\$9.89	\$11.86
Dry Stack, concrete floor, no walls	SF	This scenario consists of a dry stack facility with reinforced concrete floor without side walls. This scenario is intended for situations where consistency of manure or geographical conditions prohibits earthen floors.	EQIP	\$4.84	\$5.81

Dry Stack, concrete floor, wood wall	SF	This scenario consists of a dry stack facility with reinforced concrete Floor with pressure treated wood walls. This scenario is intended for situations where consistency of manure or geographical conditions prohibits earthen floors.	EQIP	\$6.88	\$8.26
Tank, Partially or Totally Buried <5K CF	CF	This scenario consists of installing a small concrete tank with a design storage volume of less than 5,000 CF that is totally or partially buried and has solid lid with several openings for direct loading from heavy use area, gutter cleaner or gravity pipe.	EQIP	\$6.00	\$7.21
Tank, Partially or Totally Buried 5K – 15K CF	CF	This scenario consists of installing a concrete tank that has a design storage volume from 5,000 to 14,999 CF that is totally or partially buried and has an open top. The tank can also be under an animal facility with the top cover of either slats or solid concrete lid/floor.	EQIP	\$2.64	\$3.16
Tank, Partially or Totally Buried 15K – 25K CF	CF	This scenario consists of installing a concrete tank that has a design storage volume from 15,000 to 24,999 CF. The tank is totally or partially buried and has an open top. It can be under an animal facility with the top cover being slats or concrete lid/floor. The tank can also be under an animal facility with the top cover of either slats or solid concrete lid/floor.	EQIP	\$2.34	\$2.80
Tank, Partially or Totally Buried 25K - 40K CF	CF	This scenario consists of installing a concrete tank that has a design storage volume from 25,000 to 39,999 CF. Tank is totally or partially buried and has an open top. The tank can also be under an animal facility with the top cover of either slats or solid concrete lid/floor.	EQIP	\$1.78	\$2.14
Tank, Partially or Totally Buried 40K - 55K CF	CF	This scenario consists of installing a concrete tank that has a design storage volume from 40,000 to 54,999 CF. Tank is totally or partially buried and has an open top. The tank can also be under an animal facility with the top cover of either slats or solid concrete lid/floor.	EQIP	\$1.64	\$1.97
Tank, Partially or Totally Buried 55K – 70K CF	CF	This scenario consists of installing a concrete tank that has a design storage volume from 55,000 to 69,999 CF. Tank is totally or partially buried and has an open top. Tank can also be under an animal facility with the top cover using slats or concrete lid/floor	EQIP	\$1.44	\$1.73
Tank, Partially or Totally Buried 70K – 85K CF	CF	This scenario consists of installing a concrete tank that has a design storage volume from 70,000 to 84,999 CF. Tank is totally or partially buried and has an open top. Tank can also be under an animal facility with the top cover using slats or concrete lid/floor	EQIP	\$1.37	\$1.64
Tank, Partially or Totally Buried 85K<125K	CF	This scenario consists of installing a concrete tank that has a design storage volume from 85,000 to 124,999 CF. Tank is totally or partially buried and has an open top. Tank can also be under an animal facility with the top cover using slats or concrete lid/floor	EQIP	\$1.15	\$1.38
Tank, Partially or Totally Buried 125K or >	CF	This scenario consists of installing a concrete tank that has a design storage volume greater than 125,000 CF. Tank is totally or partially buried and has an open top. Tank can also be under an animal facility with the top cover using slats or concrete lid/floor	EQIP	\$0.98	\$1.18
Bedded Pack, Earthen Floor, Concrete wall	SF	A composted bedded pack facility is constructed to store wastes as part of an agricultural waste management system.	EQIP	\$4.59	\$5.51
Bedded Pack, Concrete Floor, Concrete wall	SF	A composted bedded pack facility is constructed to store wastes as part of an agricultural waste management system. Manure consistency or geological conditions prohibit the use of earthen floors.	EQIP	\$7.92	\$9.51

Waste Transfer (634)

Lifespan: 15 Years

- Practice may include multiple components to address the resource concern contracted under one contract item. All components must be installed prior to practice payment.
- All pumps are to be contracted under pumping plant.

Scenario	Unit	Description	Program(s)	RE	HU
Inlet and Reception Pit, less than 1000 gal, with pipe	Gal	Installation for a wastewater collection system that includes materials and structures to collect liquids of a design volume less than 1000 gallons such as silage leachate, lot runoff and other contaminated liquid effluent.	EQIP	\$5.19	\$6.23
Inlet and Reception Pit, 1k to 5k gal, with pipe	Gal	Installation for a wastewater collection system that includes materials and structures to collect liquids of a design volume between 1000 and 5000 gallons such as silage leachate, lot runoff and other contaminated liquid effluent. This scenario includes a reinforced concrete manure reception pit for temporary storage and transfer of manure and wastewater for an animal operation.	EQIP	\$2.43	\$2.91
Inlet and Reception pit, over 5000 gal	Gal	Installation for a wastewater collection system that includes materials and structures to collect liquids of a design volume greater than 5000 gallons such as lot runoff, manure slurry and other contaminated liquid effluent. The wastewater collected in this pit is intended to be transferred to final storage within a 48 hour period. This scenario includes a reinforced concrete manure reception pit for temporary storage and transfer of manure and wastewater for an animal operation.	EQIP	\$2.22	\$2.67
Medium collection basin with 6" transfer line	Gal	Installation for a wastewater collection system that includes materials and structures to collect a design volume between 1000 and 5000 gallons of liquids such as silage leachate, lot runoff and other contaminated liquid effluent which is then transferred through a 6" low pressure conduit to the waste storage structure. This scenario includes a reinforced concrete manure reception pit and a 6" PVC SDR 41 conduit to transfer the manure and wastewater to a waste storage pond.	EQIP	\$3.63	\$4.35
Large collection basin with 6 to 8 inch transfer line	Gal	Installation for a wastewater collection system that includes materials and structures to collect liquids such as lot runoff, manure slurry and other contaminated liquid effluent. The wastewater collected in this 8600 gallon pit is intended to be transferred to final storage within a 48 hour period	EQIP	\$2.91	\$3.49
Concrete Channel	SF	Installation of a concrete channel that consists of a slab with curb and footing on each side of the slab for the entire length of the channel to enable the facility manager to direct liquid waste to an existing collection basin and/or waste storage facility.	EQIP	\$10.81	\$12.98
Short Scrape with safety gate, less than 20 LF	Each	Installation of a short concrete channel (< 20 LF) that consists of a slab with curb and footing on each side of the slab for the entire length of the channel to enable the facility manager to direct liquid waste to a collection basin and/or waste storage facility at the end of a push-off ramp.	EQIP	\$2,949.47	\$3,539.36
Long Scrape with Push-off, 20LF or greater	SF	Installation of a long concrete channel (=> 20 LF) that consists of a slab with curb and footing on each side of the slab for the entire length of the channel to enable the facility manager to direct liquid waste into a waste storage facility.	EQIP	\$11.02	\$13.22

Concrete Channel to Basin	SF	Installation of a concrete channel that consists of a slab with curb and footing on each side of the slab for the entire length of the channel to enable the facility manager to direct liquid waste to a 4300 gallon wastewater collection basin and/or waste storage facility.	EQIP	\$18.31	\$21.98
Concrete Channel to Basin to Pipe	SF	Installation of a concrete channel that consists of a slab with curb and footing on each side of the slab for the entire length of the channel to enable the facility manager to direct liquid waste to a 4300 gallon collection basin and/or waste storage facility. The wastewater is then transferred from the basin to the waste storage pond through a 6" diameter low pressure pipeline.	EQIP	\$21.41	\$25.70
Small Manure Flush System	Gal	Installation of a manure and wastewater collection system that includes materials and structures to flush waste from a concrete surface into a collection basin and transferred to a waste storage pond.	EQIP	\$11.96	\$14.35
Pipe Manure Flush System	Ft	Installation of the pipe for a manure and wastewater flush system that provides the structures to utilize recycled wastewater to flush waste from a concrete surface into a waste storage pond. This may include pipe and valves, concrete flush lane, concrete curbs or gutter.	EQIP	\$46.09	\$55.31
Hopper, over 40 ft of 24 inch pipe	Ft	Gravity flow conduit is typically a large diameter water tight HDPE sanitary sewer pipe used to transfer manure by gravity from one location to another. The gravity transfer system typically consists of an inlet structure or hopper with an adaptor to a smooth interior large diameter HDPE pipe.	EQIP	\$99.71	\$119.65
Hopper, with 40 ft or less of 24 inch pipe	Ft	Gravity flow conduit is typically a large diameter water tight HDPE sanitary sewer pipe used to transfer manure by gravity from one location to another. The gravity transfer system typically consists of an inlet structure or hopper with an adaptor to a smooth interior large diameter HDPE pipe.	EQIP	\$143.63	\$172.36
24 inch pipe	Ft	Gravity flow conduit is typically a large diameter water tight HDPE sanitary sewer pipe used to transfer manure by gravity from one location to another.	EQIP	\$66.71	\$80.05
12 inch transfer pipe	Ft	Low pressure flow conduit is typically a PVC pipeline used to transfer wastewater or manure slurry by pumping from one production location to a storage or treatment location	EQIP	\$28.88	\$34.66
10 inch transfer pipe	Ft	Low pressure flow pipeline used to transfer manure wastewater by a low pressure pump from the waste storage pond to the field where it is applied according to the CNMP	EQIP	\$21.75	\$26.11
6 to 8 inch pressure pipe	Ft	Pressure flow pipeline used to transfer manure wastewater by pumping from the waste storage pond to the field where it is to be applied according to the CNMP.	EQIP	\$11.48	\$13.78
Transfer line, pressure, 4 inch or less	Ft	Pressure flow pipeline used to transfer manure wastewater by pumping from a small tank to a waste storage or from a waste storage pond to the field where it is to be applied according to the CNMP.	EQIP	\$6.79	\$8.15
Agitator for mixing basin contents no more than 10 ft deep	Each	This scenario is for a manure and wastewater agitator associated with an agricultural production operation to transfer agricultural waste product from the production source to a storage facility for proper utilization. This agitator is typically no more than 15 HP and is used for smaller waste storage facilities that are less than 10 feet deep.	EQIP	\$8,834.52	\$10,601.43

Agitator for mixing basin contents 10 to 15 ft deep	Each	This scenario is for a manure and wastewater agitator associated with an agricultural production operation to transfer agricultural waste product from the storage facility to a site for proper utilization. This agitator is typically 30 HP and is used where the waste storage facility tank or pond is between 10 and 15 feet deep.	EQIP	\$13,749.17	\$16,499.01
Agitator for mixing basin contents over 15 feet deep	Each	This scenario is for a large manure and wastewater agitator associated with an agricultural production operation to transfer agricultural waste product from the storage facility to a site for proper utilization. This agitator is typically 100 HP and is used where the waste storage facility tank or pond is greater than 15 feet deep.	EQIP	\$20,044.43	\$24,053.32
Lot runoff, inlet box, pipe and pump tank	Each	Installation of a wastewater transfer system that includes materials and structures to transfer silage leachate, lot runoff and other contaminated liquid effluent to a waste storage structure or VTA via a pump or siphon system.	EQIP	\$4,716.81	\$5,660.17
Lot runoff, Inlet box and pipe	Each	Installation of a wastewater transfer system that includes materials and structures to transfer silage leachate, lot runoff and other contaminated liquid effluent to a waste storage structure or VTA via gravity.	EQIP	\$1,823.44	\$2,188.12
Boring, Waste Transfer Pipe, All Sizes	Ft	A section of the waste transfer pipe is bored under road or stream using seamless pipe that meets or exceeds main underground outlet size and pressure rating.	EQIP	\$83.35	\$100.02
Drag hose	Ft	Installation of flexible hose to transfer waste from storage to field for application.	EQIP	\$8.65	\$10.38
Hard Hose reel	Ft	Hard Hose Reel is installed at main Waste Transfer line in field to distribute waste to application apparatus.	EQIP	\$25.04	\$30.05
6 to 8 Inch Transfer Pipe	Ft	Low pressure, gravity flow pipeline used to transfer manure wastewater from source to a waste storage facility or reception pit. Typical PVC pipe size is 6 to 8 inches.	EQIP	\$9.30	\$11.16
Transfer Pipe, Gravity, 4" or less	Ft	This scenario consists of installing a small concrete tank with a design storage volume from 670 to 4,999 CF that is totally or partially buried and has solid lid with several openings for direct loading from heavy use area, gutter cleaner or gravity pipe.	EQIP	\$5.96	\$7.15
Wastewater reception pit, 670 to 4999CF	CF	This scenario consists of installing a small concrete tank with a design storage volume from 670 to 4,999 CF that is totally or partially buried and has solid lid with several openings for direct loading from heavy use area, gutter cleaner or gravity pipe.	EQIP	\$6.26	\$7.51

Waste Treatment (629)

Lifespan: 10 Years

Scenario	Unit	Description	Program(s)	RE	HU
Milking Parlor Waste Treatment System with Dosing System and Bed	Gallon per Day	This practice scenario includes a dosed treatment system with bark bed for milking parlor wastewater.	EQIP	\$36.45	\$43.74
Milking Parlor Waste Treatment System with Dosing System	Gallon per Day	This practice scenario includes a dosed treatment system for milking parlor wastewater that will outlet to a constructed wetland and/or vegetated treatment area and/or other acceptable treatment.	EQIP	\$16.18	\$19.42
Aerator less than or equal to 5 hp	Horsepower	This practice scenario includes installation of an aerator into a liquid storage pond or tank that has a surface area less than 1 acre.	EQIP	\$975.25	\$1,170.30

Aerator greater than 5 hp	Each	This practice scenario includes installation of an aerator into a liquid storage pond or tank with a surface area larger than 1 acre.	EQIP	\$7,339.63	\$8,807.56
Straw Pond Cover	Square Foot	This practice scenario is a permeable organic cover applied to the liquid surface of a waste storage facility that has a surface area less than or equal to 2 acres.	EQIP	\$0.57	\$0.69
Swine Waste, Phosphorus Reduction System	Gallon per Minute	This practice scenario includes infrastructure to remove phosphorus from swine operation wastewater in watersheds with limited land for application and the phosphorus index is rated High or greater.	EQIP	\$489.85	\$587.82

Water and Sediment Control Basin (638)

Lifespan: 10 Years

Scenario	Unit	Description	Program(s)	RE	HU
WASCOB > 100 LF Embankment	Ft	An earth embankment or a combination ridge and channel constructed across the slope of minor watercourses to form a sediment trap and water detention basin with a stable outlet.	EQIP	\$18.25	\$21.84
WASCOB < 100 LF Embankment	Ft	An earth embankment or a combination ridge and channel constructed across the slope of minor watercourses to form a sediment trap and water detention basin with a stable outlet.	EQIP	\$22.76	\$27.24

Water Well (642)

Lifespan: 20 Years

- Practice payment is authorized for livestock watering purposes with a documented water quality resource concern.
- Payment is not authorized if the proposed well will service a domestic water supply.

Scenario	Unit	Description	Program(s)	RE	HU
4", cased	Ft	The well shall be drilled, dug, driven, bored, jetted or otherwise constructed to an aquifer for water supply. Steel casing is installed to a depth of 110 feet.	AMA, EQIP	\$14.68	\$20.80
4", limited casing	Ft	The well shall be drilled, dug, driven, bored, jetted or otherwise constructed to an aquifer for water supply. Steel casing is installed to a depth of 30 feet.	AMA, EQIP	\$11.48	\$16.27
6" well	Ft	Typical construction is for the installation of a well, in areas where sufficient water is known to occur 100 - 600 feet of the ground surface. The well shall be drilled, dug, driven, bored, jetted or otherwise constructed to an aquifer for water supply. Steel casing is installed to a depth of 150 feet.	AMA, EQIP	\$15.01	\$21.27
High Volume Well, 8" or greater	Ft	Typical construction is for the installation of a well, in areas where sufficient water is known to occur 100 - 600 feet of the ground surface. The well shall be drilled, dug, driven, bored, jetted or otherwise constructed to an aquifer for water supply.	AMA, EQIP	\$25.45	\$36.06

Watering Facility (614)

Lifespan: 20 Years

- Practice is authorized when needed to implement an approved prescribed grazing plan or associated with livestock exclusion.
- Heavy use area beyond what is necessary to provide a stable surface for the watering system is provided for under Heavy Use Area Protection (561) and should be specified in the plan and contract.

Scenario	Unit	Description	Program(s)	RE	HU
Frost Proof Trough	Each	A frost-proof watering facility (also called a frost-free, freeze-free, or freeze-proof watering facility) is installed on a compacted gravel surface (10x10) with underlain geotextile in order to meet the daily requirements of the herd. The watering system needs to be permanently mounted on concrete (0.3 Cu.Yd) to prevent overturning by wind and animals.	AMA, EQIP	\$1,057.59	\$1,269.10
Gravity Concrete Trough	Each	A concrete watering trough is installed at a lower elevation to the water source to allow gravity inflow into the system without the use of electricity. The concrete watering trough is installed on a gravel pad (10x10) with geotextile.	AMA, EQIP	\$1,134.11	\$1,360.93
Portable Trough	Each	A portable watering trough is installed in a pasture in support of a seasonal prescribed grazing system. A float is needed to maintain the water level within the portable trough.	AMA, EQIP	\$107.94	\$129.53
Portable Trough with Hydrant	Each	A portable watering trough and frost free hydrant are installed to provide a movable water supply to facilitate an extended season grazing plan. The trough is sized to provide a one-day supply of water based on the daily requirements of the herd and replenishment rates.	AMA, EQIP	\$166.89	\$200.26
Storage Tank	Each	A plastic storage tank is installed on a gravel pad (10x10) with geotextile to provide water storage as part of watering facility. A large capacity plastic storage tank is needed because of the extremely slow flow rates from water source or as an emergency supply for several days.	AMA, EQIP	\$1,092.45	\$1,310.94
Hydrant with pro-rated trough	Each	A system is designed with a movable tank used with several hydrants. A water hose is installed to connect the hydrant to the trough	AMA, EQIP	\$139.11	\$166.93

Well Decommissioning (351)

Lifespan: 20 Years

Scenario	Unit	Description	Program(s)	RE	HU
Shallow Well Less than 20ft deep	Ft		EQIP	\$52.76	\$63.31
Shallow well greater than 20 ft deep	Ft		EQIP	\$27.29	\$32.74
Drilled well less than 300 ft deep	Ft		EQIP	\$3.24	\$3.89
Drilled well greater than 300 ft deep	Ft		EQIP	\$1.88	\$2.25
Handdug Well	Ft		EQIP	\$25.04	\$30.04

Wetland Enhancement (659)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Enhanced wetland topography	Ac	A wooded wetland is excavated to create wetland topography suitable for wildlife habitat and enhance hydric conditions.	EQIP	\$1,177.51	\$1,343.82
Mineral Flat	Ac	A tract of saturated soils is interspersed with shallow depressions that are not depressional class HGM wetlands.	EQIP	\$356.86	\$359.03
Riverine Levee Removal and Floodplain Features	Ac	A large floodplain that had been converted to agricultural production by surface ditching and clearing of woody vegetation is enhanced through ditch plugs and macrotopographic features.	EQIP	\$699.61	\$770.34

Depression sediment removal and ditch plug	Ac	The site is a recharge depression, fed only from surface runoff. The ditch is plugged by the installation of compacted clay fill, and the deposition has been removed down to the original topsoil layer.	EQIP	\$1,371.80	\$1,576.97
Estuarine Fringe Levee Removal	Ac	The wetland is subject to tidally induced water level fluctuations. Dikes are breached corresponding to the number of original inlet channels.	EQIP	\$359.21	\$361.86
Riverine Channel and Floodplain Restoration	Ac	The hydrology of the site is restored by the installation of a series of rock check structures to raise the stream water surface profile. Floodplain macrotopographic features replicating the original side channels, oxbows, and backswamps are constructed by excavation. Spoil is placed adjacent to the excavations to replicate natural depositional features.	EQIP	\$753.24	\$834.70

Wetland Restoration (657)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Hydrologic restoration with embankment or ditch plug	Ft	An agricultural area drained with surface ditches is restored to the natural hydrologic conditions by plugging surface drainage with either a low embankment or ditch plugs.	EQIP	\$23.64	\$28.37
Drain Tile Plug	Ft	Drain tiles have been rendered non-functional by excavating, backfilling with excavated earth, and compacted with the excavator bucket.	EQIP	\$1.49	\$1.79
Riverine Levee Removal	CY	Lateral connectivity between the channel and floodplain is restored by excavating two sections from the levee at an upstream and downstream location, restoring dynamic stream flooding.	EQIP	\$2.58	\$3.10
Depression Sediment Removal	Each	Restore depressional areas to a land-leveled wetland by constructing irregular shaped depressions averaging 5000-10000 SF in size.	EQIP	\$2,353.45	\$2,824.14
Estuarine Fringe Levee Removal	Ac	The wetland is subject to tidally induced water level fluctuations. Dikes are breached corresponding to the number of original inlet channels.	EQIP	\$13.24	\$15.89
Riverine Channel and floodplain	Ac	The hydrology of the site is restored by the installation of a series of rock check structures to raise the stream water surface profile. Floodplain macrotopographic features replicating the original side channels, oxbows, and backswamps are constructed by excavation. Spoil is placed adjacent to the excavations to replicate natural depositional features.	EQIP	\$407.27	\$488.72

Wetland Wildlife Management (644)

Lifespan: 1 Year

- The monitoring and management scenarios cannot be contracted as standalone items in a contract and must be in conjunction with this practice standard or another practice standard for habitat management. A documented habitat must be identified. A monitoring and management plan designed and/or approved by NRCS needs to be developed prior to contracting. The plan will specify locations and identify the methods to the customer who will implement the monitoring and management plan.
- Describe the appropriate method, timing and intensity of management needed to produce the desired habitat conditions and sustain them over time.

Scenario	Unit	Description	Program(s)	RE	HU
Monitoring, Management, Very Low Intensity and Complexity	Ac	For this scenario the complexity would include: skilled labor and general labor with supervision; common hand tools to heavy equipment; for many of the structures, installation is within a mile of a road: and terrain is moderate to difficult. The planner will specify locations and identify the methods for the customer to monitoring and implement the management plan. Examples of prescribed monitoring include but are not limited to: photo points taken, use documentation by livestock, regeneration/breeding success, completing an annual management records log, documenting wildlife sightings, documenting location and species of invasive plants and condition of vegetative and structural treatments. Management will be implemented based on the findings of the habitat assessment and monitoring.	EQIP	\$0.79	\$0.95
Monitoring, Management, Low Intensity and Complexity	Ac		EQIP	\$2.65	\$3.18
Monitoring, Management, Medium intensity and complexity	Ac		EQIP	\$9.81	\$11.77
Monitoring, Management, High intensity and complexity	Ac		EQIP	\$24.09	\$28.91
Development of Shallow Micro-topographic features with normal farming equipment	Ac		EQIP	\$30.56	\$36.67
Development of Deep Micro-topographic features with heavy equipment	Ac		EQIP	\$85.59	\$102.71

Windbreak/Shelterbelt Establishment (380)

Lifespan: 15 Years

- Windbreaks planned for control of wind erosion must run WEPS.

Scenario	Unit	Description	Program(s)	RE	HU
1 row windbreak, hardwood, hand planted	ft	Payment is based on a single row of shrubs for wind protection, wildlife habitat, or snow management.	AMA, EQIP	\$0.99	\$1.19
1 row windbreak, conifers, hand planted	ft	Payment is based on a single row of conifer tree seedlings for wind protection, wildlife habitat, or snow management.	AMA, EQIP	\$0.40	\$0.48
2-row windbreak, hardwoods	ft	Two rows of shrubs are planted for wind protection, energy conservation, wildlife habitat, air quality, or snow management.	AMA, EQIP	\$0.71	\$0.85
2-row windbreak, conifers	ft	Two rows of shrubs are planted for wind protection, energy conservation, wildlife habitat, air quality, or snow management.	AMA, EQIP	\$0.68	\$0.82
3 or more row windbreak, hardwoods	ft	Three or more rows of hardwood trees are planted for wind protection, energy conservation, wildlife habitat, air quality, or snow management.	AMA, EQIP	\$1.02	\$1.23
3 or more tree rows hardwood/conifers	ft	Three or more rows of conifer and hardwood tree seedlings are planted for wind protection, energy conservation, wildlife habitat, air quality, or snow management.	AMA, EQIP	\$0.82	\$0.99
windbreak, poultry house	Ea	Three or more rows (125% of length of poultry house) of hardwood and conifer trees are planted for wind protection, energy conservation, wildlife habitat, air quality, snow management or to provide a visual screen.	AMA, EQIP	\$9.63	\$11.56
Multi-row Tree/shrub, containerized stock	ft	A multi-row linear planting of trees and/or shrubs to provide a buffer against wind-born sediments or chemicals. Two rows of containerized trees and shrubs are planted in an alternating pattern.	AMA, EQIP	\$2.69	\$3.23
Single row of tree and shrub planting with tree tublings	ft	Tree shelters are used on all trees or shrubs for animal control. Practice will provide wind protection, wildlife habitat, or snow management.	AMA, EQIP	\$1.51	\$1.81

Windbreak/Shelterbelt Renovation (650)

Lifespan: 15 Years

Scenario	Unit	Description	Program(s)	RE	HU
Sod Release	Ft	Reduce competition from sod around trees/shrubs within a windbreak/shelterbelt.	AMA, EQIP	\$0.26	\$0.31
Thinning	Ft	Windbreak is thinned by hand w/chainsaw and cut stumps have herbicide applied to prevent undesirable sprouting.	AMA, EQIP	\$0.49	\$0.59
Pruning	Ft	Windbreak is pruned by hand (hand tools + chainsaw) to improve shape and form of trees and/or shrubs so that the overall effectiveness of the windbreak will improve.	AMA, EQIP	\$0.41	\$0.49
Tree/Shrub Removal with Chain Saw	Ft	Includes removal of entire rows, including stumps or roots, or selected trees/shrubs in order to prepare for the necessary planting of a replacement row within the windbreak, improve the health of the remaining rows, and/or allow for supplemental planting to expand the windbreak.	AMA, EQIP	\$0.66	\$0.79
Removal <8 inches DBH with Skidsteer	Ft		AMA, EQIP	\$0.98	\$1.18
Removal > 8 inches DBH with Dozer	Ft		AMA, EQIP	\$1.50	\$1.80
Supplemental Planting, Container	Each		AMA, EQIP	\$6.39	\$7.67
Supplemental Planting, Bare Root	Each		AMA, EQIP	\$2.45	\$2.95
Coppicing	Ac	Coppicing of selected trees and understory vegetation in a windbreak/shelterbelt is needed to ensure that species composition and stand structure continue to serve their intended purpose	AMA, EQIP	\$791.82	\$950.18

Woody Residue Treatment (384)

Lifespan: 10 Years

- This practice can be used for the treatment of residual woody material that is created due to management activities or natural disturbances.
- Any residual woody material left on the site after treatment will not present an unacceptable fire, safety, environmental, or pest hazard. Such remaining material will not interfere with the intended purpose or other planned management activities.

Scenario	Unit	Description	Program(s)	RE	HU
Treatment following catastrophic events	Acre	The use of a combination of hand (chainsaw) and heavy equipment similar to those used in logging to treat slash resulting from catastrophic events such as fire, wind, severe pest outbreak, ice storm, etc. This scenario will remove/treat the larger material the size of which is consistent with the large equipment used.	EQIP	\$615.99	\$739.18
Sivicultural slash treatment – light	Acre	Treating an area of forest slash to reduce hazardous fuels and the risk of insect and disease, improve organic matter and reduce erosion while improving water quality. Slash is treated with both hand (cutting, lopping, etc.) and mechanically (masticating, chipping, etc.). Typically done by hand and light equipment.	EQIP	\$150.42	\$180.51
Chipping and hauling	Acre	Reducing woody waste created during forestry, agroforestry and horticultural activities by gathering, chipping, and hauling off site to achieve management objectives. Does not include transport from property to a commercial facility.	EQIP	\$241.43	\$289.71

Forest Slash Heavy	Acre	Treating an area of significant woody plant residues to reduce hazardous fuels and the risk of insect and disease, improve organic matter, decrease unwanted habitat, and reduce erosion while improving water quality. Slash is to be lopped/treated/crushed within a foot of the ground or moved off site to meet state fire hazard reduction standards. Typically heavy equipment are used such as masticators, mulchers, drum choppers, etc. Hand work with chainsaws are used on steep slopes.	EQIP	\$222.90	\$267.49
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