

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
102	1	CNMP No land or any size	2067.00	No			1550.00	1860.00				
Description:		A comprehensive Nutrient Management Plan (CNMP) is a planning tool for livestock operations that addresses production and natural resource goals by combining conservation practices and management to create a workable system to balance nutrient input and utilization . There are six essential parts of a CNMP: manure and wastewater handling and storage, feed management, land treatment practices, nutrient management, record keeping, and other utilization options.										
102	1	CNMP, <100 acres or AU's	3400.00	No			2550.00	3060.00				
Description:		A comprehensive Nutrient Management Plan (CNMP) is a planning tool for livestock operations that addresses production and natural resource goals by combining conservation practices and management to create a workable system to balance nutrient input and utilization . There are six essential parts of a CNMP: manure and wastewater handling and storage, feed management, land treatment practices, nutrient management, record keeping, and other utilization options.										
102	1	CNMP, 101 -250 acres or AU's	4333.00	No			3250.00	3900.00				
Description:		A comprehensive Nutrient Management Plan (CNMP) is a planning tool for livestock operations that addresses production and natural resource goals by combining conservation practices and management to create a workable system to balance nutrient input and utilization . There are six essential parts of a CNMP: manure and wastewater handling and storage, feed management, land treatment practices, nutrient management, record keeping, and other utilization options.										
102	1	CNMP, 250 - 1000 acres or 250 - 750 AU's	6333.00	No			4750.00	5700.00				
Description:		A comprehensive Nutrient Management Plan (CNMP) is a planning tool for livestock operations that addresses production and natural resource goals by combining conservation practices and management to create a workable system to balance nutrient input and utilization . There are six essential parts of a CNMP: manure and wastewater handling and storage, feed management, land treatment practices, nutrient management, record keeping, and other utilization options.										
102	1	CNMP, >1000 acres or > 750 AU's	8533.00	No			6400.00	7680.00				
Description:		A comprehensive Nutrient Management Plan (CNMP) is a planning tool for livestock operations that addresses production and natural resource goals by combining conservation practices and management to create a workable system to balance nutrient input and utilization . There are six essential parts of a CNMP: manure and wastewater handling and storage, feed management, land treatment practices, nutrient management, record keeping, and other utilization options.										
106	1	FOREST MANAGEMENT PLAN - Written - 5 Acres Up To and Including 25 Acres	800.00	No			600.00	720.00				
Description:		Develop a forest management plan on woodland up to 25 acres. Includes: measuring slopes and distance to streams, developing maps, copying plan, farm visits to gather information, farmstead mapping and inventory, RUSLE II, environmental effects, general.										
106	1	FOREST MANAGEMENT PLAN - Written - 26 Acres Up To and Including 50 Acres	900.00	No			675.00	810.00				
Description:		Develop a forest management plan on woodland up to 50 acres. Includes: measuring slopes and distance to streams, developing maps, copying plan, farm visits to gather information, farmstead mapping and inventory, RUSLE II, environmental effects, general plan work, nutrient management plan, soil, water and manure sampling and testing.										
106	1	FOREST MANAGEMENT PLAN - Written - 51 Acres Up To and Including 100 Acres	1200.00	No			1088.00	1305.00				
Description:		Develop a forest management plan on woodland between 50 and 100 acres. Includes: measuring slopes and distance to streams, developing maps, copying plan, farm visits to gather information, farmstead mapping and inventory, RUSLE II, environmental effects, general plan work, nutrient management plan, soil, water and manure sampling and testing										
106	1	FOREST MANAGEMENT PLAN - Written - 101 Acres Up To and Including 500 Acres	3450.00	No			2587.50	3105.00				
Description:		Develop a forest management plan on woodland between 100 and 500 acres.										
106	1	FOREST MANAGEMENT PLAN - Written - Over 500 Acres	5350.00	No			4012.50	4815.00				
Description:		Develop a forest management plan on woodland over 500 acres in size.										

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118	1	IRRIGATION ACTIVITY PLAN - 1 Irrigation System	1050.00	No			787.50	945.00					
Description:		Typical field is 100 acres of nearly level to gently sloping cropland. Cropping rotation is a 3 year rotation of corn, small grain and soybeans. A plan will be developed by a Technical Service Provider for the participant. A completed hard copy and electronic copy (MS Word) of the client's plan will be provided to NRCS. The package includes digital conservation plan map showing field(s), water features, irrigation system location, moisture test stations, and any structural practice location. It also includes digital soils map, completed DE-CPA-52 and other appropriate worksheets.											
118	1	IRRIGATION ACTIVITY PLAN - 2 Irrigation Systems	1550.00	No			1162.50	1395.00					
Description:		Typical field is 100 acres of nearly level to gently sloping cropland. Cropping rotation is a 3 year rotation of corn, small grain and soybeans. A completed hard copy and electronic copy (MS Word) of the client's plan will be provided to NRCS. The package includes digital conservation plan map showing field(s), water features, irrigation system location, moisture test stations, and any structural practice location. It also includes digital soils map, completed DE-CPA-52 and other appropriate worksheets.											
118	1	IRRIGATION ACTIVITY PLAN - 3 Irrigation Systems	2050.00	No			1537.50	1845.00					
Description:		Typical field is 100 acres of nearly level to gently sloping cropland. Cropping rotation is a 3 year rotation of corn, small grain and soybeans. A plan will be developed by a Technical Service Provider for the participant. A completed hardcopy and electronic copy of the client's plan will be provided to NRCS (MS Word copy). The package includes Digital Conservation Plan Map showing field(s), water features, irrigation system location, moisture test stations, and any structural practice location. It also includes digital soils map, completed DE-CPA-52 and other appropriate worksheets.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Irrigated Field Crop - XL	3502.00	No			2625.00	3150.00					
Description:		Perform an energy audit on operations with irrigated cropland.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Irrigated Field Crop - Large	2002.00	No			1500.00	1800.00					
Description:		Perform an energy audit on operations with irrigated cropland.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Irrigated Field Crop - Medium	1202.00	No			1125.00	1350.00					
Description:		Perform an energy audit on operations with irrigated cropland.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Irrigated Field Crop - Very Small	1250.00	No			937.50	1125.00					
Description:		Perform an energy audit on operations with irrigated cropland.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Field Crop - Very Small	952.00	No			712.50	855.00					
Description:		Perform an energy audit on operations field crops.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Field Crop - Medium	1202.00	No			900.00	1080.00					
Description:		Perform an energy audit on operations field crops.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Field Crop - Large	1702.00	No			1275.00	1530.00					
Description:		Perform an energy audit on operations field crops.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Field Crop - XL	3202.00	No			2400.00	2880.00					
Description:		Perform an energy audit on operations field crops.											

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122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Non-Livestock - XL	3502.00	No			2625.00	3150.00					
Description:		Non-livestock production system: Perform an energy audit on operations may include, but are not limited to, grain bins, greenhouses, potato storage, maple syrup production, fruit and vegetable storage, cold storage, and other agricultural buildings with no livestock component.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Non-Livestock - Large	2002.00	No			1500.00	1800.00					
Description:		Non-livestock production system: Perform an energy audit on operations may include, but are not limited to, grain bins, greenhouses, potato storage, maple syrup production, fruit and vegetable storage, cold storage, and other agricultural buildings with no livestock component.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Non-Livestock - Medium	1502.00	No			1125.00	1350.00					
Description:		Non-livestock production system: Perform an energy audit on operations may include, but are not limited to, grain bins, greenhouses, potato storage, maple syrup production, fruit and vegetable storage, cold storage, and other agricultural buildings with no livestock component.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Non-Livestock - Very Small	1252.00	No			937.50	1125.00					
Description:		Non-livestock production system: Perform an energy audit on operations may include, but are not limited to, grain bins, greenhouses, potato storage, maple syrup production, fruit and vegetable storage, cold storage, and other agricultural buildings with no livestock component.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Non-Livestock Production - XL	3502.00	No			2625.00	3150.00					
Description:		Perform an energy audit on the headquarters portion of an operation involved in livestock production.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Non-Livestock Production - Large	2002.00	No			1500.00	1800.00					
Description:		Perform an energy audit on the headquarters portion of an operation involved in livestock production.											
122	1	ENERGY MANAGEMENT PLAN - Non-Livestock Production -Medium	1502.00	No			1125.00	1350.00					
Description:		Perform an energy audit on the headquarters portion of an operation involved in livestock production.											
122	1	AGRICULTURAL ENERGY MANAGEMENT PLAN - Non-Livestock Production -Small	1252.00	No			937.50	1125.00					
Description:		Perform an energy audit on the headquarters portion of an operation involved in livestock production.											
309	15	AG CHEM HANDLING FACILITY	36.04	SF			26.00	31.00					
Description:		Agricultural chemical storage, wash-off, handling facility (with safety features) typically for orchard land. Part of a nutrient/pest management system. An environmentally safe facility used to prevent spillage of chemicals during filling of tanks and the mixing operations for agricultural and for safe storage. This facility is typically roofed with side walls, concrete floor with curbs to contain any spills, and a sump collect spilled material for safe disposal.											
313	15	WASTE STORAGE FACILITY - BED PACK - Roofed	8.83	CF			6.51	7.82					
Description:		Dry bedded pack facility, 10,000 cf (100'X200'X52), 90 - 120 days covered storage for dairy, Statewide. Part of an animal waste management system. A waste storage impoundment made by constructing or fabricating a structure. Typical natural resource setting and land use situation: This scenario consists of a loose housing or "bed pack" facility to store animal wastes. Consists of an earthen floor with a roof overhead that stores waste from 150 dairy heifers and 50 dry dairy cows (200 animal units total) confined 100% of the time. An average of 1.39 lbs. of waste/animal unit are produced daily and 2/3's are collected within this structure. The rest is collected on a concrete feeding alley and scraped into a manure pit.180 days of storage are assumed based on a stacking depth of 2 feet of waste and assuming that 67% of the animal's waste will be captured and stored before clean-out and land application. Minimal excavation needed if planner locates the facility on a proper site. STATE OFFICE PERMISSION REQUIRED.											

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313	15	WASTE STORAGE FACILITY - DRY STACK - Roofed - < 1,000 CF	10.45	CF			7.73	9.27				
Description:		Dry (solid or semi solid) stack facility, 1000 cf (10'X10'X5'), 90 - 120 days covered storage for beef, dairy or horse farm, Statewide. Part of a animal waste management system. A waste storage impoundment made by constructing or fabricating a structure.										
313	15	WASTE STORAGE FACILITY - DRY STACK - Roofed - 1001-4999 CF	7.86	CF			4.82	5.78				
Description:		Dry (solid or semi solid) stack facility, 5000 cf (20'X50'X5'), 90 - 120 days covered storage for beef, dairy or horse farm, Statewide. Part of a animal waste management system. A waste storage impoundment made by constructing or fabricating a structure.										
313	15	WASTE STORAGE FACILITY - DRY STACK - Poultry	9.40	SF			6.75	8.10				
Description:		A dry stack storage shed, 3,610 SF (40' x 90'), will be constructed with an earthen floor to house animal waste from a broiler poultry operation. Part of an animal waste system.										
313	15	WASTE STORAGE FACILITY - DRY STACK- Roofed - Beef, Dairy, Horse - ≥ 5,000 CF	5.41	CF			3.90	4.68				
Description:		Dry (solid or semi solid) stack facility, 10,000 cf (40'X50'X5'), 90 - 120 days covered storage for beef, dairy or horse farm, Statewide. Part of a animal waste management system. A waste storage impoundment made by constructing or fabricating a structure.										
313	15	WASTE STORAGE FACILITY - DRY STACK - No Roof - Beef, Dairy, Horse	3.52	CF			2.53	3.03				
Description:		Dry (solid or semi solid) stack facility, 6,000 cf (40'X30'X5'), 90 - 120 days storage for beef, dairy or horse farm, Statewide. Includes concrete floor and walls. A waste storage impoundment made by constructing or fabricating a structure.										
313	15	WASTE STORAGE FACILITY - Liquid- 8,000 CF ≤	2.00	CF			1.50	1.80				
Description:		Above ground for storage, 120 days storage for 100-150 head dairy herd, Statewide. This is typically an in the ground, poured concrete structure or a slurry store type WSF. Part of a animal waste management system. Storage volume of less than 80,000 CF or 598,400 gallons. Typical installation on level to moderately sloped ground. A typical installation scenario includes excavation, gravel, a poured concrete floor and walls or slurry store type structure.										
313	15	WASTE STORAGE FACILITY - Liquid - 8,000 CF >	1.00	CF			0.75	0.90				
Description:		Above ground for storage, 120 days storage for 300-head dairy herd, Statewide. This is typically an in the ground poured concrete structure or a slurry store type WSF. Part of a animal waste management system. A waste storage impoundment made by constructing an embankment and/or excavating a pit or dugout, or by fabricating a structure.										
314	1	BRUSH MANAGEMENT - Goats and Sheep	750.00	AC			562.50	675.00	562.50	675.00	562.50	675.00
Description:		Maintain or enhance wildlife habitat to restore desired vegetative cover using sheep or goats. SENSITIVE SITES ONLY (typically Bog Turtle sites)										
314	1	BRUSH MANAGEMENT - Cut and Chemically Treat	1500.00	AC			1125.00	1350.00	1125.00	1350.00	1125.00	1350.00
Description:		Enhance wildlife habitat to restore desired vegetative cover. Cut, treat and remove undesirable (invasive or non native) vegetation using equipment and herbicides.										
314	1	BRUSH MANAGEMENT - Brush Hog	45.00	AC			33.75	40.50	33.75	40.50	33.75	40.50
Description:		Enhance wildlife habitat to restore desired vegetative cover. Cut, treat and remove undesirable (invasive or non native) vegetation using a brush hog.										
314	1	BRUSH MANAGEMENT - Herbicide, Machine		AC			56.25	67.50	56.25	67.50	56.25	67.50
Description:		Ground-based equipment application of herbicide to desired vegetative cover.										
314	1	BRUSH MANAGEMENT - Herbicide, Hand or Aerial		AC			120.00	144.00	120.00	144.00	120.00	144.00

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Description: Aerial or hand application of herbicide to maintain desired vegetative cover.												
316	15	ANIMAL MORTALITY - Channel Type	358.99	FT			269	323			269	323
Description: This is a treatment component of an agricultural management system for the biological stabilization of on farm mortalities and organic material. Part of a animal waste management system.												
316	15	ANIMAL MORTALITY - Composting Facility	2242.98	BIN			1681.00	2017			1681.00	2017
Description: This is a treatment component of an agricultural management system for the biological stabilization of on farm mortalities and organic material. Part of a animal waste management system.												
317	15	COMPOSTING FACILITY - Gravel with Geotextile	2.50	sq ft			1.87	2.25			1.87	2.25
Description: This is a treatment component of an agricultural management system for the biological stabilization of organic material. Composting facility, 2000 SF (40'X50') in all areas of Maryland. Part of a animal waste management system. Composting facility constructed of gravel and geotextile fabric underlayment.												
317	15	COMPOSTING FACILITY	6.00	sq ft			4.50	5.40			4.50	5.40
Description: This is a treatment component of an agricultural management system for the biological stabilization of organic material. Composting facility, 2000 SF concrete (40'X50'), in all areas of Maryland. Part of a animal waste management system.												
327	5	CONSERVATION COVER - Cool Season Grasses	343.00	AC			257.25	308.70	206.25	247.50	257.25	308.70
Description: Establishing and maintaining permanent vegetative cover to protect soil and water resources, provide wildlife habitat, provide grassland seeding, or to establish Zone 1 Riparian Forest Cover by planting cool season grasses -- plow, disk, plant, fertilize and herbicide application on relatively flat to steep slopes (typically less than 5 acres).												
327	5	CONSERVATION COVER - Cool Season Grasses w/Extra Site Preparation	418.00	AC			313.50	376.20	262.50	315.00	313.50	376.20
Description: Establishing and maintaining permanent vegetative cover to protect soil and water resources. Establishing and maintaining permanent vegetative cover to protect soil and water resources, provide wildlife habitat, provide grassland seeding, or to establish Zone 1 Riparian Forest Cover by planting cool season grasses -- plow, disk, plant, fertilize and two herbicide applications on relatively flat to steep slopes (typically less than 5 acres).												
327	5	CONSERVATION COVER - Warm Season Grasses	443.00	AC			332.25	398.70	281.25	337.50	332.25	398.70
Description: Establishing and maintaining permanent vegetative cover to protect soil and water resources. Establishing and maintaining permanent vegetative cover to protect soil and water resources, provide wildlife habitat, or provide grassland seeding by planting warm season grasses/forbs -- plow, disk, plant, fertilize and apply herbicides on relatively flat to moderate steep (typically less than 5 acres).												
327	5	CONSERVATION COVER - Warm Season Grasses w/Extra Site Preparation	518.00	AC			388.50	466.20	337.50	405.00	388.50	466.20
Description: Establishing and maintaining permanent vegetative cover to protect soil and water resources. Establishing and maintaining permanent vegetative cover to protect soil and water resources, provide wildlife habitat; or provide grassland seeding by planting warm season grasses/forbs -- plow, disk, plant, fertilize and apply two herbicides on relatively flat to moderate steep (typically less than 5 acres).												
327	5	CONSERVATION COVER - Native Grasses with Wildflowers	493.00	AC			369.75	443.70	318.75	382.50	369.75	443.70
Description: Establishing and maintaining permanent vegetative cover to protect soil and water resources for wildlife habitat by planting warm season grasses at 4 - 6 lb/ac PLS and a high diversity native wildflower mix at 1 - 2 lb/ac PLS - plow, disk, plant, fertilize and apply herbicides.												
327	5	CONSERVATION COVER - Native Grasses - Wildflower Meadow Pollinator	693.00	AC	519.75	623.70	519.75	623.70	468.75	562.50	519.75	623.70
Description: Establishing and maintaining a high diversity native wildflower meadow for pollinators and other wildlife by planting 4 lb/ac PLS of wildflowers with 3 to 4 lb/ac of native grasses or 5 to 6 lb/ac fine fescues - plow, disk, plant fertilize and apply herbicides.												
327	5	CONSERVATION COVER - PLANTING - Softwood Trees	77.29	AC			55.00	66.00	55.00	66.00	55.00	66.00

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Description:		One acre planted to trees & shrubs at a density of 300-460 plantings per acre to create or enhance wildlife habitat. Only native trees and shrubs should be selected.										
327	5	CONSERVATION COVER - PLANTING - Trees and Shrubs	700.00	AC			525.00	630.00	525.00	630.00	525.00	630.00
Description:		One acre planted to trees & shrubs at a density of 300-460 plantings per acre to create or enhance wildlife habitat. Only native trees and shrubs should be selected. If planted to a mixed stand, predominantly hardwoods. Also applies to Bald cypress and Atlantic white cedar.										
327	5	CONSERVATION COVER - PLANTING - Trees and Shrubs w/Shelters	1700.00	AC			1275.00	1530.00	1275.00	1530.00	1275.00	1530.00
Description:		One acre planted to trees & shrubs at a density of 300-460 plantings per acre to create or enhance wildlife habitat. Only native trees and shrubs should be selected. 50% of the trees will be protected with tree shelters. If planted to a mixed stand, predominantly hardwoods. Also applies to Bald cypress and Atlantic white cedar.										
327	5	CONSERVATION COVER - PLANTING - Containerized Trees & Shrubs	4373.00	AC			3093.75	3712.50	3093.75	3712.50	3093.75	3712.50
Description:		One acre planted to trees & shrubs at a density of 211-316 plantings in one gallon pots per acre to create or enhance wildlife habitat. Only native trees and shrubs should be selected.										
328	1	CONSERVATION CROP ROTATION - vege operation adding 3 years of hay to the rotation	414.00	AC			414.00	41.00			\$414.00	\$414.00
Description:		Vegetable operation transitioning to organic or diversifying the rotation by adding 3 years of grass to the rotation. Developing and following conservation crop rotation, this practice is applicable when the participant increases the SCI score .										
328	1	CONSERVATION CROP ROTATION - grain operation adding 3 years of hay to the rotation	79.20	AC			79.00	79.00			\$79.00	\$79.00
Description:		Grain operation transitioning to organic or diversifying the rotation by adding 3 years of grass to the rotation. Developing and following conservation crop rotation, this practice is applicable when the participant increases the SCI score .										
328	1	CONSERVATION CROP ROTATION - organic grain operation adding 3 years of hay to the rotation	228.00	AC			228.00	228.00			\$228.00	\$228.00
Description:		organic Grain operation diversifying the rotation by adding 3 years of grass to the rotation. Developing and following conservation crop rotation, this practice is applicable when the participant increases the SCI score .										
328	1	CONSERVATION CROP ROTATION - organic grain operation adding smother crop to the rotation	62.47	AC			62.00	62.00			\$62.00	\$62.00
Description:		organic Grain operation diversifying the rotation by adding 3 years of grass to the rotation. Developing and following conservation crop rotation, this practice is applicable when the participant increases the SCI score .										
328	1	CONSERVATION CROP ROTATION - grain operation adding smother crop to the rotation	25.00	AC			25.00	25.00			\$62.00	\$62.00
Description:		organic Grain operation diversifying the rotation by adding 3 years of grass to the rotation. Developing and following conservation crop rotation, this practice is applicable when the participant increases the SCI score .										

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328	1	CONSERVATION CROP ROTATION - Crop Rotation, SCI Improvement ≥ of 0.2	31.60	AC			20.00	24.84				\$27.00	\$35.00
Description:		Utilize a crop rotation sequence to improve and/or maintain the soil and water quality on these fields, help control pest and diseases, and control weeds. Developing and following conservation crop rotation, this practice is applicable when the participant increases the SCI score by at least a minimum of 0.2 and meets the requirements of the Soil Improvement Information for 2009. Payable in years 1, 2, 3. This can be done by changing crop rotation such as adding high residue crops to the rotation as per the guidance in the Soil Quality document											
328	1	CONSERVATION CROP ROTATION - Crop Rotation, SCI Improvement of > 0.4	54.00	AC			40.00	48.60				\$53.60	\$65.12
Description:		Developing and following conservation crop rotation, this practice is applicable when the participant increases the SCI score by at least a minimum of 0.4 and meets the requirements of the Soil Improvement Information for 2009. Payable in years 1, 2, 3. This can be done by changing crop rotation such as pasture and hay land planting or increasing adding high residue crops to the rotation.											
328	1	CONSERVATION CROP ROTATION - Crop Rotation, SCI Improvement of > 0.6	80.00	AC			60.00	72.00				\$81.00	\$97.28
Description:		Developing and following conservation crop rotation, this practice is applicable when the participant increases the SCI score by at least a minimum of 0.4 and meets the requirements of the Soil Improvement Information for 2009. Payable in years 1, 2, 3. This can be done by changing crop rotation such as pasture and hay land planting or increasing adding high residue crops to the rotation.											
328	1	CONSERVATION CROP ROTATION - Continuous Cover	20.00	AC			15.00	18.00				20.10	24.12
Description:		Developing and following conservation crop rotation, this practices is applicable when the participant increases the SCI score by at least a minimum of 0.4 and meets the requirements of the Soil Improvement Information for 2009 Payable in years 1, 2,3. This can be done by changing crop rotation such as pasture and hay land planting or increasing adding high residue crops to the rotation.											
329	1	RESIDUE MANAGEMENT - No-Till / Strip-Till / Direct Seed - Increase SCI above .25, 3 years	29.43	AC			22.00	26.00				22.00	26.00
Description:		This payment is to no-till seed crop land for 3 years and increase SCI by 0.25. No till 25 acre field in a corn, small grain, soybean rotation on steep cropland. Part of a conservation crop rotation and residue management system. Managing the amount, orientation and distribution of crop and other plant residue on the soil surface year round while limiting soil-disturbing activities to only those necessary to place nutrients, condition residue and plant crops. This practice can be used in conjunction with Conservation Crop Rotation if the producer is changing the crop rotation by an additional .25 SCI points. A separate Rustle run will be needed to document additional SCI increase.											
332	5	CONTOUR BUFFER STRIPS	343.00	AC			257.00	309.00				257.00	309.00
Description:		Install narrow strips of permanent, herbaceous vegetative cover established across the slope and alternate on the slope with parallel, wider cropped strips. 50 acre relatively steep planted to corn and soybeans.											
340	1	COVER CROP - Grasses and Legumes - 2 year required	255.00	AC								\$163.00	\$196.00
Description:		Grasses and legumes planted as a cover crop. This cover crop must stay on the land for a minimum of 24 months. 20 acre field planted to cover crop during the to scavenge for surplus nutrients, build organic matter, and begin nutrient cycling in an organic or transitioning system. Plant on nearly level to sloping cropland. Part of a conservation crop rotation and transitioning ground to organic production.											
340	1	COVER CROP - Smother Crop -	155.40	AC			104.00	125.00				\$104.00	\$125.00
Description:		Grasses, legumes, forbs, or other herbaceous plants established for seasonal cover and conservation purposes. Not harvested. 20 acre field planted to cover crop during the summer months to scavenge for surplus nutrients, build organic matter, and smother emerging weeds. Plant on nearly level to sloping cropland. Part of a											
340	1	COVER CROP - Winter Cover Crop -	60.75	AC	\$51.00	\$61.00	51.00	61.00				\$55.00	\$66.00
Description:		Early planted small grains established for seasonal cover and conservation purposes. Typically a 20 acre field planted to cover crop during the fall months to scavenge for surplus nutrients, build organic matter and smother emerging weeds. Plant on nearly level to sloping cropland. Part of a conservation crop rotation and transitioning ground to organic production.											
340	1	Cover Crop with Legume - Organic	92.33	AC								\$69.00	\$83.00

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
Description:		Organic Early planted small grains with legume established for seasonal cover and conservation purposes. Typically a 20 acre field planted to cover crop during the fall months to scavenge for surplus nutrients, build organic matter and smother emerging weeds. Plant on nearly level to sloping cropland. Part of a conservation crop rotation and transitioning ground to organic production.										
342	10	CRITICAL AREA PLANTING - Cover Establishment - Grasses Cover	1318.00	AC	938.00	1125.00	938.00	1125.00			938.00	1125.00
Description:		Planting vegetation on difficult sites using grading and hand labor to prepare the site prior to seeding the area with grasses or legumes, on highly erodible or critically eroding sites. 1 acre or moderately to relatively steep area, with concentrated flow erosion damage, planted to permanent vegetation.										
342	10	CRITICAL AREA PLANTING - Cool Season Grasses w/Erosion Control Mat	8652.00	AC	6438.00	7726.00	6438.00	7726.00			6438.00	7726.00
Description:		Planting vegetation on difficult sites using grading and hand labor to prepare the site prior to seeding the area with grasses or legumes, on highly erodible or critically eroding sites. Plastic erosion control matting will be used to provide additional site stabilization. 1 acre of moderately to relatively steep area, with concentrated flow erosion damage, planted to permanent vegetation.										
345	1	RESIDUE MANAGEMENT - Mulch Till - Crop Rotation, SCI improvement of ≥ 0.2	31.60	AC			21.00	25.00			21.00	25.00
Description:		Utilize a residue management mulch-till to improve and/or maintain the soil and water quality on these fields, help control pest and diseases, and control weeds. Developing and following conservation crop rotation, this practice is applicable when the participant increases the SCI score by at least a minimum of 0.2 and meet the requirements of the Soil Improvement Information for 2009 Payable in years 1, 2, 3. This can be done by changing crop rotation such as adding high residue crops to the rotation. The typical scenario in Maryland is a producer farming continuous no-till soybeans changing this rotation to a rotation that includes a high residue crop such as corn.										
350	20	SEDIMENT CONTROL BASIN	10268.00	AC FT			7551.00	9061.00			7551.00	9061.00
Description:		An earthen embankment or combination ridge and channel generally constructed across the slope and minor watercourses to form a sediment trap and water detention basin.										
359	15	WASTE TREATMENT LAGOON - >100000 CF	0.31	CF			0.23	0.27				
Description:		A waste treatment impoundment made by constructing an embankment and/or excavating a pit or dugout.										
359	15	WASTE TREATMENT LAGOON - <100000 CF	0.66	CF			0.49	0.59				
Description:		A waste treatment impoundment made by constructing an embankment and/or excavating a pit or dugout.										
359	15	WASTE TREATMENT LAGOON - Liner only	0.31	CF			0.23	0.27				
Description:		Lining existing waste storage lagoon										
360	5	CLOSURE OF WASTE IMPOUNDMENT - Close Waste Impoundment - Lagoon	11.42	CY			8.57	10.28				
Description:		Typical natural resource setting and land use situation: A lagoon or waste storage pond 100' by 100' by 12' deep with 10' of waste in it (1,920 CF. of waste) will be closed and the animal waste will be spread upon cropland at rates per the current nutrient management plan. Using a traveling gun to apply liquid portions at agronomic rates and other equipment to remove the solid portions.										
360	5	CLOSURE OF WASTE IMPOUNDMENT - Close Waste Impoundment - small site	6.98	CY			5.24	6.28				
Description:		The closure of waste impoundments in an environmentally safe manner that are no longer used for their intended purpose. Using heavy equipment to remove manure and use it according to agronomic rates and close the facility. (12-14 hrs per job). Close a 60'x60'x10' waste storage lagoon/pond.										
360	5	CLOSURE OF WASTE IMPOUNDMENT - Site Remediation	1.06	SQ FT			0.80	1.00				
Description:		The closure of waste impoundments, in an environmentally safe manner, that are no longer used for their intended purpose. This variance applies to abandoned poultry structures that previously stored poultry waste.										
362	10	DIVERSION	7.52	FT	5.54	6.64	5.54	6.64			5.54	6.64

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
Description:		An earth channel constructed with a supporting ridge on the lower side across the slope. A channel constructed across long slopes, undulating land surfaces, or gently rolling slopes to divert water away from farmsteads, agricultural waste systems, gullies, critical erosion areas or construction areas or collect and direct runoff or protect terrace systems.										
366	25	ANAEROBIC DIGESTER - Temperature Controlled	335.35	AU			168	252				
Description:		A managed treatment waste treatment facility. This facility is managed to produce and capture methane for energy production. Maryland requires that a feasibility study be conducted and approved prior to any EQIP FA cost share being contracted. STATE OFFICE PERMISSION REQUIRED.										
378	20	POND - Dam Safety Requirements	26250.00	EA			18750.00	22500.00				
Description:		Restore a small farm pond that has potential to breach or has breached already to meet today's practice standard. Restore and improve an existing water impoundment made by constructing a dam or an embankment or by excavating a pit or dugout to today's standards. For ponds with dam safety requirements.										
378	20	POND	16800.00	EA			12000.00	14400.00				
Description:		Restore a small farm pond that has potential to breach or has breached already to meet today's practice standard. Restore an existing water impoundment made by constructing a dam or an embankment or by excavating a pit or dugout to today's standards.										
380	10	WINDBREAK/SHELTER BELT - Containerized with Irrigation and Weed Fabric	3.77	LN FT			2.74	3.29			2.74	3.29
Description:		An area of predominantly trees and/or shrubs located adjacent to an up-gradient from watercourses or water bodies. Poultry house windbreak with 1 gallon containers (minimum) , 22" high planted without tree shelters at a 8' spacing. This includes trees, site prep, soil amendments, supplemental irrigation equipment, and weed control fabric.										
380	15	WINDBREAK/SHELTER BELT - Softwood	493.00	AC			106.00	127.00	55.00	66.00	106.00	127.00
Description:		One acre planted to trees & shrubs at a density of 300-460 plantings per acre to create or enhance wildlife habitat. Only native trees and shrubs should be selected. Lower percentages are selected due to the slower benefit to the environment for this scenario.										
380	15	WINDBREAK/SHELTER BELT - Hardwood Tree and Shrub Planting Without Shelters	668.00	AC			501.00	601.20	450.00	540.00	501.00	601.20
Description:		One acre planted to trees & shrubs at a density of 300-460 plantings per acre to create or enhance wildlife habitat. Only native trees and shrubs should be selected. Lower percentages are selected due to the slower benefit to the environment for this practice scenario.										
382	20	FENCE - Non-Critical Confinement	1.67	FT			1.19	1.43	1.19	1.43	1.19	1.43
Description:		A constructed barrier to livestock, wildlife or people. Facilitating, management practice. One mile of two-strand electric-wire cross fence. Built on gently rolling to steep pastureland on rocky, silt-loam soils. Part of a high-intensity, low-frequency rotational grazing system for cattle.										
382	20	FENCE - Critical Confinement	3.79	FT			2.73	3.28	2.73	3.28	2.73	3.28
Description:		A constructed barrier to livestock, wildlife or people. Facilitating, management practice. One mile of four or more strands electric-wire cross fence. Built on gently rolling pastureland on rocky, silt-loam soils. Part of a high-intensity, low-frequency rotational grazing system for cattle. In all counties except Western Maryland (Garret, Allegany, Washington counties).										
382	20	FENCE - Critical Confinement - Western MD	2.68	FT			1.91	2.30	1.91	2.30	1.91	2.30
Description:		A constructed barrier to livestock, wildlife or people. Facilitating, management practice. One mile of three-strand electric-wire cross fence. Built on gently rolling pastureland on rocky, silt-loam soils. Part of a high-intensity, low-frequency rotational grazing system for cattle in Western Maryland (Garret, Allegany, Washington counties).										
382	20	FENCE - Woven Wire	5.49	FT			3.92	4.71	3.92	4.71		
Description:		A constructed barrier to livestock (< 200lbs), wildlife or people. Facilitating, management practice. One mile of woven wire fence. Built on gently rolling to steep pastureland on all soils. Part of a rotational grazing system for small livestock (<200 lbs).										
382	20	FENCE - Chain Link, Surrounding WSF's ONLY	14.18	FT			10.00	12.00				
Description:		Part of a waste storage facility to work as a constructed barrier to livestock, wildlife or people. This is a safety precaution to prevent accidental injury to individuals or livestock from falling into the waste storage facility. 1000 feet of chain link fence. Built on relatively flat surfaces.										
386	10	FIELD BORDER - Native Grasses	454.25	AC			332.25	398.70	281.25	337.50	332.25	398.70

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
Description:		A 25 foot wide permanent strip of warm season grasses will be established at the edge of an annual crop field. This practice will be used to provide wildlife food and cover adjacent to large fields where no other available cover is present. The practice will also be used to capture sediment, nutrients and agricultural chemicals at the field edge.										
386	10	FIELD BORDER - Non-Native Grasses	351.25	AC			257.25	308.70	206.25	247.50	257.25	308.70
Description:		A 25 foot wide permanent strip of cool season grasses will be established at the edge of an annual crop field. This practice will be used to provide wildlife food and cover adjacent to large fields where no other available cover is present. The practice will also be used to capture sediment, nutrients and agricultural chemicals at the field edge.										
386	10	FIELD BORDER - Selective Cut Woody Vegetation	505.00	AC			375.00	450.00	375.00	450.00	375.00	450.00
Description:		Cut existing woody vegetation along a field edge to create a border area.										
386	10	FIELD BORDER - Native Grasses with Wildflowers	493.00	AC			369.75	443.70	318.75	382.50	369.75	443.70
Description:		Establishing and maintaining a strip of herbaceous vegetation along edge of crop field to benefit wildlife. Planting 4 lb/ac PLS of high diversity native wildflowers with a 3 to 4 lb/ac of native grasses or 5 to 6 lb/ac fine fescues -- plow, disk, plant fertilize and apply herbicides. This practice will be used to provide wildlife food and cover adjacent to large fields where no other available cover is present. Typical width of 35 feet.										
386	10	FIELD BORDER - Pollinator Habitat	693.00	AC			519.75	623.70	468.75	562.50	519.75	623.70
Description:		Establishing and maintaining a strip of wildflowers along edge of crop field to benefit pollinators and other wildlife. Planting 4 lb/ac PLS of high diversity native wildflowers with 3 to 4 lb/ac of native grasses or 5 to 6 lb/ac fine fescues -- plow, disk, plant fertilize and apply herbicides. This practice will be used to provide wildlife food and cover adjacent to large fields where no other available cover is present. Typical width of 35 feet.										
390	5	RIPARIAN HERBACEOUS COVER - Cool Season Grasses	351.25	AC			257.25	308.70	206.25	247.50	257.25	308.70
Description:		Typically less than one acre of relatively flat to steep ground that is currently cropland to be planted to non-native permanent vegetation for forage. Forage harvest will be limited to after July 15th with no fertilizer applied.										
390	5	RIPARIAN HERBACEOUS COVER - Cool Season Grasses w/Extra Site Preparation	386.25	AC			313.50	376.20	262.50	315.00	313.50	376.20
Description:		Typically less than one acre of relatively flat to steep ground that is currently cropland to be planted to non-native permanent vegetation for forage. Forage harvest will be limited to after July 15th with no fertilizer applied except at establishment. Plow, disk, plant, fertilize and apply herbicides on relatively flat to steep slopes.										
390	5	RIPARIAN HERBACEOUS COVER - Warm Season Grasses w/Extra Site Preparation	386.25	AC			388.50	466.20	337.50	405.00	388.50	466.20
Description:		Establishing permanent native vegetative cover to protect soil and water resources in association with cropland and other areas that require treatment production -- plow, disk, plant, fertilize and apply herbicides on relatively flat to steep slopes.										
390	5	RIPARIAN HERBACEOUS COVER - Warm Season Grasses	454.25	AC			332.25	398.70	281.25	337.50	332.25	398.70
Description:		Establishing permanent native vegetative cover to protect soil and water resources in association with cropland and other areas that require treatment. -- plow, disk, plant, fertilize and apply herbicides on relatively flat to steep slopes.										
391	15	RIPARIAN FOREST BUFFER - Planting Softwoods	145.29	AC			122.78	133.74	54.78	65.74	122.78	133.74
Description:		50 feet by .25 mile riparian area planted to trees & shrubs. No tree shelters. An area of predominantly trees and/or shrubs located adjacent to an up-gradient form watercourses or water bodies. If a vegetative filter strip is required, plan a filter strip in addition to Riparian Forest Buffer.										
391	15	RIPARIAN FOREST BUFFER - Tree & Shrub Planting - Containerized	4234.25	AC			3161.75	3780.50	3093.75	3712.50	3161.75	3780.50
Description:		An area of predominantly trees and/or shrubs located adjacent to an up-gradient form watercourses or water bodies. 50 feet by .25 mile riparian area planted to 1 gallon trees & shrubs without tree shelters. If a vegetative filter strip is required, plan a filter strip in addition to Riparian Forest Buffer.										

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
391	15	RIPARIAN FOREST BUFFER - PLANTING - Planting - Shrub and Hardwood without Shelters	775.00	AC			593.00	698.00	525.00	630.00	593.00	698.00
Description:		An area of predominantly trees and/or shrubs located adjacent to an up-gradient form watercourses or water bodies. 50 feet by .25 mile riparian area planted to trees & shrubs with tree shelters. If a vegetative filter strip is required, plan a filter strip in addition to Riparian Forest Buffer.										
391	15	RIPARIAN FOREST BUFFER - Planting - Shrub and Hardwood with Shelters	1775.00	AC			1343.00	1598.00	1275.00	1530.00	1343.00	1598.00
Description:		50 feet by .25 mile riparian area planted to trees & shrubs with tree shelters. An area of predominantly trees and/or shrubs located adjacent to and up-gradient form watercourses or water bodies. If a vegetative filter strip is required, plan a filter strip in addition to Riparian Forest Buffer.										
393	10	FILTER STRIP - Cool Season Grasses	359.50	AC			257.25	308.70			257.25	308.70
Description:		Establishing and maintaining a strip of permanent vegetative cover to protect soil and water resources, provide wildlife habitat, provide grassland seeding, or to establish Zone 1 Riparian Forest Cover by planting cool season grasses -- plow, disk, plant, fertilize and herbicide application on relatively flat to steep slopes (typically less than 5 acres).										
393	10	FILTER STRIP - Cool Season Grasses W/Extra Site Preparation	439.00	AC			313.50	376.20			313.50	376.20
Description:		Establishing and maintaining a strip of permanent vegetative cover to protect soil and water resources, provide wildlife habitat, provide grassland seeding, or to establish Zone 1 Riparian Forest Cover by planting cool season grasses -- plow, disk, plant, fertilize and two herbicide applications on relatively flat to steep slopes(typically less than 5 acres).										
393	10	FILTER STRIP - Warm Season Grasses	465.50	AC			332.25	398.70			332.25	398.70
Description:		Establishing and maintaining a strip of permanent vegetative cover to protect soil and water resources, provide wildlife habitat, or provide grassland seeding by planting warm season grasses/forbs -- plow, disk, plant, fertilize and apply herbicides on relatively flat to moderate steep typically less than 5 acres.										
393	10	FILTER STRIP - Warm Season Grasses w/Extra Site Preparation	545.00	AC			388.50	466.20			388.50	466.20
Description:		Establishing and maintaining a strip of permanent vegetative cover to protect soil and water resources, provide wildlife habitat, or provide grassland seeding by planting warm season grasses/forbs -- plow, disk, plant, fertilize and apply herbicides on relatively flat to moderate steep typically less than 5 acres. This treatment includes extra sprays, or multiple mowing to control weed species.										
394	5	FIREBREAK - Establishment	140.11	AC			103.36	124.03				
Description:		Typical natural resource setting and land use situation: This practice is typically implemented to control fire managed for a woodlot. Typical implementation scenario is a 33' wide by 2000' long bladed area. This practice is beneficial for controlling forest fires and allowing access by fire crews to forest fires. Care is taken to avoid blading up and down slopes as this can lead to significant erosion.										
395	5	STREAM HABITAT IMPROVEMENT & MANAGEMENT	250.00	LF of channel			187.50	225.00	187.50	225.00	187.50	225.00
Description:		Maintain, improve, or restore physical, chemical and biological functions of a stream and the associated riparian zone. This includes structures, J hooks, cross veins, channel realignment or a new channel, and riparian planting to treat wide spread instability.										
396	5	FISH PASSAGE - Barrier Removal (Concrete)	844.45	CY			531.75	638.10	531.75	638.10		
Description:		Modification or removal of barriers that restrict or prevent movement or migration of fish. Concrete fish barrier removal to (i.e. irrigation diversion, small dam, material, etc) allow fish passage.										
396	5	FISH PASSAGE - Step Pool	50.00	Ln Ft			37.50	45.00	37.50	45.00		
Description:		Modification or removal of barriers that restrict or prevent movement or migration of fish. Mitigate barriers to fish movement by installing step pools and other rock structures that allow the movement or migration of fish.										
396	5	FISH PASSAGE - Culvert Replacement with Bridge	11730.00	EA			8625.00	10350.00	8625.00	10350.00		

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
Description:		Modification or removal of barriers that restrict or prevent movement or migration of fish. Road culvert (fish barrier) removed and replaced with "fish friendly" bridge to allow or increase fish passage.										
396	5	FISH PASSAGE - CULVERT REPLACEMENT with Fish-Friendly Ford	7293.00	EA			5362.50	6435.00	5362.50	6435.00		
Description:		Modification or removal of barriers that restrict or prevent movement or migration of fish. Road culvert (fish barrier) removed and replaced with "fish friendly" ford to allow or increase fish passage.										
396	5	FISH PASSAGE - BARRIER REMOVAL (other than concrete)	200.00	CY			150.00	180.00	150.00	180.00		
Description:		Modification or removal of barriers that restrict or prevent movement or migration of fish. Earthen fish barrier removal (i.e., small dam, material, etc.) to allow fish passage.										
410	15	GRADE STABILIZATION STRUCTURE - Grade Stabilization, ≥ 50' pipe	9108.18	PER			6764.00	8116.00	6764.00	8116.00	6764.00	8116.00
Description:		Typical structure includes up to a 80 foot long a pipe with an attached riser to control water runoff. The assembly is placed in an earthen embankment and seeded. The face of the berm is protected with filter fabric and rock rip rap. The 24 inch diameter pipe is typically 80 feet long with a 4 foot high riser.										
410	15	GRADE STABILIZATION STRUCTURE - Grade Stabilization, < 50' pipe	7432.59	PER			5519.00	6623.00	5519.00	6623.00	5519.00	6623.00
Description:		Typical structure includes up to a 50 foot long a pipe with an attached riser to control water runoff. The assembly is placed in an earthen embankment and seeded. The face of the berm is protected with filter fabric and rock rip rap. The 24 inch diameter pipe is typically 50 feet long with a 4 foot high riser.										
410	15	GRADE STABILIZATION STRUCTURE - Rock Check, 3' H x 2' D	90.90	FT			67.50	81.00	67.50	81.00	67.50	81.00
Description:		A structure used to control the grade and head cutting in a natural or artificial channels. Rock check 3' high x 2' deep. Typical grade stabilization structure installed on steep cropland, at the toe of ephemeral forming gully.										
410	15	GRADE STABILIZATION STRUCTURE - V shaped rock check, 2' high	18.05	FT			13.00	16.00	13.00	16.00	13.00	16.00
Description:		Typical grade stabilization structure installed on steep cropland at the toe of ephemeral forming gully. A structure used to control the grade and head cutting in a natural or artificial channels. V shaped rock check 2' high.										
412	10	GRASS WATERWAY - Permanent ECM	15.34	LF			11.29	13.55			11.29	13.55
Description:		A constructed channel that is shaped or graded to required dimensions and established with suitable vegetation. 80 acre field planted with a 1 acre waterway with erosion control material (blanket) planted to perennial grasses to prevent concentrated flow erosion. Planted on relatively steep cropland.										
412	10	GRASS WATERWAY - Temporary ECM	7.92	LF			5.71	6.93			5.71	6.93
Description:		A constructed channel that is shaped or graded to required dimensions and established with suitable vegetation. 80 acre field planted with a 1.38 acre waterway planted to perennial grasses to prevent concentrated flow erosion. Planted on relatively steep cropland. This includes shaping, grading, seeding, fertilizer, curlex center and mulched sides.										
412	10	GRASS WATERWAY - Mulched	5.97	LF			4.40	5.23			4.40	5.23
Description:		A constructed channel that is shaped or graded to required dimensions and established with suitable vegetation. 80 acre field planted with a 1.38 acre waterway planted to perennial grasses to prevent concentrated flow erosion. Planted on relatively steep cropland. This includes shaping, grading, seeding, fertilizer and mulch.										
422	15	HEDGEROW PLANTING - Softwood	497.25	AC			140.00	168.75	83.58	107.50	140.00	168.75
Description:		One acre planted to trees planted in, across, or around a field. Hedgerow is at least 20 feet wide and consists of at least 2 softwood species to create or enhance wildlife habitat. Use of native trees and shrubs should be encouraged.										
422	15	HEDGEROW PLANTING - Shrub & Hardwood Without Shelters	674.00	AC			501.00	601.20	450.00	540.00	501.00	601.20
Description:		One acre planted to trees & shrubs planted in, across, or around a field. Hedgerow is at least 20 feet wide and consists of at least 2 species to create or enhance wildlife habitat. Use of native trees and shrubs should be encouraged.										

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)								
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU	
422	15	HEDGEROW PLANTING - Shrub & Hardwood With Shelters	1785.00	AC			1326	1591		1275	1530	1326	1591
Description:		One acre planted to trees & shrubs planted in, across, or around a field. Hedgerow is at least 20 feet wide and consists of at least 2 species to create or enhance wildlife habitat. Use of native trees and shrubs should be encouraged.											
430	20	IRRIGATION WATER CONVEYANCE - ≤ 1.5"	4.52	FT	3.31	3.97	3.31	3.97					
Description:		All types of pipeline measuring 0.75"-1.5" in diameter installed in Maryland to supply water to an irrigation system.											
430	20	IRRIGATION WATER CONVEYANCE - 2 to < 4"	5.02	FT	3.68	4.42	3.68	4.42					
Description:		All types of pipeline measuring 2" in diameter installed in Maryland to supply water an irrigation system.											
430	20	IRRIGATION WATER CONVEYANCE - 4 to 6"	8.00	FT	5.92	7.10	5.92	7.10					
Description:		All types of pipeline measuring 4-6" in diameter installed in Maryland to supply water to an irrigation system.											
430	20	IRRIGATION WATER CONVEYANCE - > 6"	8.73	FT	6.48	7.78	6.48	7.78					
Description:		All types of pipeline measuring > 6" in diameter installed in Maryland to supply water to an irrigation system.											
447	15	IRRIGATION TAILWATER RECOVERY - NTE CS Cap - \$50,000	10302.00	AC FT	5100.00	7650.00	5100.00	7650.00					
Description:		A irrigation water storage structure made by constructing a dam.											
441	10	IRRIGATION SYSTEM MICROIRRIGATION - Components Required for Drip/Trickle/Emitter or System	1686.25	AC	1200.00	1440.00	1200.00	1440.00	0.00	0.00			
Description:		A drip or trickle microirrigation system on land used to produce fruit or vegetables. Microirrigation includes all areas of the field after the water leaves the irrigation main or sub main. Including all plumbing from where the submain ends to end use. Including trickle systems, and any shut off required to manage the system. An irrigation system for distribution of water directly to the plant zone by means of surface or subsurface applicators.											
442	15	IRRIGATION SYSTEM - SPRINKLER - Center Pivot > 600ft	53.78	FT			24.48	36.71					
Description:		A planned irrigation system in which all necessary facilities are installed to efficiently apply water by means of perforated pipes or nozzles operated under pressure. 601' or more center pivot, irrigating approximately 36 acres. Part of an Irrigation Water Management System. Must include a pressure regulator prior to the irrigation nozzle											
442	15	IRRIGATION SYSTEM - SPRINKLER - Center Pivot < 600ft	71.67	FT			33.25	49.87					
Description:		A planned irrigation system in which all necessary facilities are installed to efficiently apply water by means of perforated pipes or nozzles operated under pressure. 601' or less center pivot, irrigating approximately 36 acres. Part of an Irrigation Water Management System. Must include a pressure regulator prior to the irrigation nozzle											
442	15	IRRIGATION SYSTEM - SPRINKLER - Center Pivot Drop Nozzles	4.79	FT			3.53	4.23					
Description:		A planned irrigation system in which all necessary facilities are installed to efficiently apply water by means of perforated pipes or nozzles operated under pressure. 1000' center pivot, irrigating approximately 36 acres. Install drop nozzles to an existing center pivot to increase the efficiency of water delivery. Part of an Irrigation Water Management System. Must include a pressure regulator prior to the irrigation nozzle											
449	1	IRRIGATION WATER MANAGEMENT - IWM Sprinkler Wireless Accessories - Yr. 1	39.50	AC			29.63	35.55					
Description:		Irrigation water management is the process of determining and controlling the volume, frequency, and application rate of irrigation water in a planned, efficient manner. Non-Intensity Management Payment: This payment is based on the basic IWM principles which include; record keeping using the checkbook method (crop grown, soil moisture conditions prior to irrigation, dates of irrigation (start and stop), inches of irrigated water applied.											
449	1	IRRIGATION WATER MANAGEMENT - IWM No Accessories Yr. 2 and 3 AMA YR. 1-3	10.00	AC	7.50	9.00	7.50	9.00					

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)								
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU	
Description:		Irrigation water management is the process of determining and controlling the volume, frequency, and application rate of irrigation water in a planned, efficient manner. Non-Intensity Management Payment: This payment is based on the basic IWM principles which include: record keeping using the checkbook method (crop grown, soil moisture conditions prior to irrigation, dates of irrigation (start and stop), inches of irrigation applied, length of the set and inches of rainfall), soil moisture is determined by feel method, control and measurement of irrigation water to the farm, and monitoring.											
449	1	IRRIGATION WATER MANAGEMENT - IWM - Micro With Accessories - Yr 1	56.00	AC	42.00	50.40	42.00	50.40					
Description:		Irrigation water management is the process of determining and controlling the volume, frequency, and application rate of irrigation water in a planned, efficient manner. Non-Intensity Management Payment: This payment is based on the basic IWM principles which include: record keeping using the checkbook method (crop grown, soil moisture conditions prior to irrigation, dates of irrigation (start and stop), inches of irrigated water applied.											
449	1	IRRIGATION WATER MANAGEMENT - IWM Sprinkler, Accessories & ERS&M - Yr. 1	26.10	AC			19.58	23.49					
Description:		Irrigation water management is the process of determining and controlling the volume, frequency, and application rate of irrigation water in a planned, efficient manner. Non-Intensity Management Payment: This payment is based on the basic IWM principles which include: record keeping using the checkbook method (crop grown, soil moisture conditions prior to irrigation, dates of irrigation (start and stop), inches of irrigate											
468	15	LINED WATERWAY OR OUTLET - Rock Lined	79.06	LF			\$58	\$69			\$58	\$69	
Description:		A waterway or outlet having an erosion-resistant lining of concrete, stone, or other permanent material. The lined section extends up the side slopes to designed depth. The earth above the permanent lining may be vegetated or otherwise protected. 500 feet waterway on clay-loam soils, some site-preparation/excavation required.											
472	10	ACCESS CONTROL - 100% livestock exclusion	551.00	AC			551.00	551.00			551.00	551.00	
Description:		The temporary or permanent exclusion of animals from an area by managing the frequency and/or intensity of use to achieve and maintain desired resource conditions. Total exclusion of animals from the area. The typical scenario would be exclusion of animals from stream corridors to protect water quality. Animals will be excluded from use at least 100% of the time.											
472	10	ACCESS CONTROL - 90% livestock exclusion	275.50	AC			275.50	275.50			275.50	275.50	
Description:		The temporary or permanent exclusion of animals from an area by managing the frequency and/or intensity of use to achieve and maintain desired resource conditions. Total exclusion of animals from the area. The typical scenario would be exclusion of animals from stream corridors to protect water quality. Animals will be excluded from use at least 90% of the time.											
511	1	Forage Harvest Management - no harvest - Organic	262.50	AC							\$197.00	\$236.00	
Description:		Manage forage crops to build organic matter in the soil. The fields enrolled in this practices must be shredded a minimum of 3 times annual to encourage root growth of perennial grasses and legumes. No Harvest ALLOWED.											
511	1	Forage Harvest Management - no harvest - second cutting	81.25	AC							\$61.00	\$73.00	
Description:		Manage forage crops to build organic matter in the soil. The fields enrolled in this practices must be shredded a minimum of 3 times annual to encourage root growth of perennial grasses and legumes. No Harvest ALLOWED.											
512	5	PASTURE & HAY PLANTING - Native Grassland Planting	386.25	AC			281.25	337.50			281.25	337.50	
Description:		Establishing permanent native vegetative cover to protect soil and water resources in association with grazing lands and forage production -- plow, disk, plant, fertilize and apply herbicides on relatively flat to steep slopes.											
512	5	PASTURE & HAY PLANTING - Non-Native	283.25	AC			206.25	247.50			206.25	247.50	
Description:		20-30 acre relatively flat to steep ground that is currently pasture to be planted to non-native permanent vegetation for forage. Improved varieties such as max Q will be used to facilitate higher levels of management.											
512	5	PASTURE & HAY PLANTING - Native Grassland Planting Streamside	454.25	AC			322.05	378.00			322.05	378.00	
Description:		assumes no fertilizer application and harvest after July 15th. Establishing permanent native vegetative cover to protect soil and water resources in association with grazing lands and forage production -- plow, disk, plant, fertilize and apply herbicides on relatively flat to steep slopes.											

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)								
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU	
512	5	PASTURE & HAY PLANTING - Non-Native Streamside	351.25	AC			257.25	308.00				257.25	308.00
Description:		assumes no fertilizer application and harvest after July 15th. 20-30 acre relatively flat to steep ground that is currently pasture to be planted to non-native permanent vegetation for forage. Improved varieties such as max Q will be used to facilitate higher levels of management.											
512	5	PASTURE & HAY PLANTING - Non-Native, Improved Species Grazing	332.00	AC			240.00	288.00				240.00	288.00
Description:		20-30 acre relatively flat to steep ground that is currently pasture to be planted to non-native permanent vegetation for forage. Improved varieties such as max Q will be used to facilitate higher levels of management.											
512	5	PASTURE & HAY PLANTING - Overseeding Legumes on Pastureland	22.50	AC			17.00	20.25				17.00	20.25
Description:		20-30 acre relatively flat to steep ground that is currently pasture to be overseeded to a legume to enhance forage production and facilitate higher levels of grazing land management.											
516	20	PIPELINE - Pipeline - < 1.5"	4.52	FT			3.31	3.97	3.31	3.37	3.31	3.97	
Description:		All types of pipeline measuring 0.75"-1.5" in diameter installed in Maryland to supply water to an end use, Typically as of a prescribed grazing plan or on a case by case basis for Bog Turtle and T&E species.											
516	20	PIPELINE - Pipeline - 2 to > 4"	5.02	FT			3.68	4.42	3.68	4.42	3.68	4.42	
Description:		All types of pipeline measuring 2" in diameter installed in Maryland to supply water to an end use, typically as of a prescribed grazing plan.											
516	20	PIPELINE - Pipeline - 4 - 6"	8.00	FT			5.92	7.10	5.92	7.10	5.92	7.10	
Description:		All types of pipeline measuring 4-6" in diameter installed in Maryland to supply water to an end use, typically as of a prescribed grazing.											
516	20	PIPELINE - Pipeline - > 6"	8.73	FT			6.48	7.78	6.48	7.78	6.48	7.78	
Description:		All types of pipeline measuring > 6" in diameter installed in Maryland to supply water to an end use, typically as of a prescribed grazing plan.											
528	1	PRESCRIBED GRAZING - Rotational - with Mentor	39.15	Acre			29	35				29	35
Description:		This management practice contains two levels of treatment. Non-Intensity Management Payment: Development and implementation of a grazing schedule, record keeping which includes: Number AUM, type, duration, forage/harvest efficiency, monitoring. Intense Management Payment: Utilization of Intense grazing management principles, record keeping, monitoring, animal nutrition monitoring. The controlled harvest of vegetation with grazing or browsing animals, managed with the intent to achieve a specified objective.											
528	1	PRESCRIBED GRAZING - MIG - with Mentor	95.98	Acre			72	86				72	86
Description:		This management practice contains two levels of treatment. Non-Intensity Management Payment: Development and implementation of a grazing schedule, record keeping which includes: Number AUM, type, duration, forage/harvest efficiency, monitoring. Intense Management Payment: Utilization of Intense grazing management principles, record keeping, monitoring, animal nutrition monitoring. The controlled harvest of vegetation with grazing or browsing animals, managed with the intent to achieve a specified objective.											
528	1	PRESCRIBED GRAZING - MIG	90.68	Acre			68	82				68	82
Description:		This management practice contains two levels of treatment. Non-Intensity Management Payment: Development and implementation of a grazing schedule, record keeping which includes: Number AUM, type, duration, forage/harvest efficiency, monitoring. Intense Management Payment: Utilization of Intense grazing management principles, record keeping, monitoring, animal nutrition monitoring. The controlled harvest of vegetation with grazing or browsing animals, managed with the intent to achieve a specified objective.											
528	1	PRESCRIBED GRAZING - Rotational	33.05	Acre			25	30				25	30
Description:		This management practice contains two levels of treatment. Non-Intensity Management Payment: Development and implementation of a grazing schedule, record keeping which includes: Number AUM, type, duration, forage/harvest efficiency, monitoring. Intense Management Payment: Utilization of Intense grazing management principles, record keeping, monitoring, animal nutrition monitoring. The controlled harvest of vegetation with grazing or browsing animals, managed with the intent to achieve a specified objective.											
528	1	PRESCRIBED GRAZING - Basic	15.00	Acre			11	14	11	14	11	14	

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
Description:		This management practice contains two levels of treatment. Non-Intensity Management Payment: Development and implementation of a grazing schedule, record keeping which includes: Number AUM, type, duration, forage/harvest efficiency, monitoring. Intense Management Payment: Utilization of Intense grazing management principles, record keeping, monitoring, animal nutrition monitoring. The controlled harvest of vegetation with grazing or browsing animals, managed with the intent to achieve a specified objective.										
533	15	Pumping Plant- Pressure Tank	625.00	NO			468.75	562.50			468.75	562.50
Description:		Pressure Tank with accessories (Shall be used with an existing well/pump only to increase the needed water supply for the system)										
533	15	Pumping Plant, pump in enclosure	5250.00	NO	3937.50	4725.00	3937.50	4725.00			3937.50	4725.00
Description:		Pump, electric pump 2HP or less -installed in an enclosure										
533	15	Pumping Plant, pump in well	2335.00	NO	1725.00	2070.00	1725.00	2070.00			1725.00	2070.00
Description:		Pump, electric pump 2HP or less -installed in a well										
533	15	Pumping Plant, solar 24 v system	2125.98	NO			1563.00	1876.00				
Description:		This is a solar pumping plant used to pump and distribute water as part of an overall livestock watering system. The typical solar pumping plant uses solar panels to generate energy to power a pump, delivering water to a reservoir or directly to a trough. Solar systems require a control panel, protection for the panels, and housing for the pump. A two panel, 24 volt system will typically lift 1-2 gallons/minute and has a maximum lift capability of approximately 100ft. State office permission required										
533	15	Pumping Plant, solar 48 v system	3887.21	NO			2858.00	3430.00				
Description:		This is a solar pumping plant used to pump and distribute water as part of an overall livestock watering system. The typical solar pumping plant uses solar panels to generate energy to power a pump, delivering water to a reservoir or directly to a trough. Solar systems require a control panel, protection for the panels, and housing for the pump. A two panel, 24 volt system will typically lift 1-2 gallons/minute and has a maximum lift capability of approximately 100ft. State office permission required										
533	15	Pumping Plant, Windmill pump system	4463.52	NO			3282.00	3938.00				
Description:		This is a solar pumping plant used to pump and distribute water as part of an overall livestock watering system. The typical solar pumping plant uses solar panels to generate energy to power a pump, delivering water to a reservoir or directly to a trough. Solar systems require a control panel, protection for the panels, and housing for the pump. A two panel, 24 volt system will typically lift 1-2 gallons/minute and has a maximum lift capability of approximately 100ft. State office permission required										
558	15	ROOF RUNOFF STRUCTURE - Trench Drain	13.39	FT	9.75	11.70	9.75	11.70				
Description:		Structures that collect and control precipitation from roofs. 80 feet trench drain system to catch rainfall and move it away from areas prior to becoming contaminated by animal waste or areas prone to erosion. Part of a roof runoff management system.										
558	15	ROOF RUNOFF STRUCTURE - Rain Gutters and Downspouts	12.36	FT	9.00	10.80	9.00	10.80				
Description:		Structures that collect and control precipitation from roofs. 80 feet gutters, downspouts with existing fascia to catch rainfall and move it away from areas of contaminated by animal waste or prone to erosion. Part of a roof runoff management system.										
558	15	ROOF RUNOFF STRUCTURE - Rain Gutters, Downspouts, & Fascia	18.54	FT	13.50	16.20	13.50	16.20				
Description:		Structures that collect and control precipitation from roofs. 80 feet gutters, downspouts adding fascia to catch rainfall and move it away from areas of contaminated by animal waste or prone to erosion. Part of a roof runoff management system.										
561	10	HEAVY USE AREA PROTECTION - HUA - Roof Only - CNMP Required	11.71	SF			8.67	10.40				
Description:		Roofed concrete pad in areas where animals frequently congregate or in areas where animal waste handling poses an environmental risk. The stabilization of areas frequently and intensively used by people, animals or vehicles by establishing vegetation cover by surfacing with suitable materials, and/or by installing needed structures. STATE OFFICE PERMISSION REQUIRED.										

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)								
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU	
561	10	HEAVY USE AREA PROTECTION - HUA - Concrete - Roofed - CNMP Required	16.93	SF			12.59	15.10					
Description:		Roofed concrete pad in areas where animals frequently congregate or in areas where animal waste handling poses an environmental risk. The stabilization of areas frequently and intensively used by people, animals or vehicles by establishing vegetation cover by surfacing with suitable materials, and/or by installing needed structures. STATE OFFICE PERMISSION REQUIRED.											
561	10	HEAVY USE AREA PROTECTION - HUA - Poultry - CNMP Required	5.93	SF			4.34	5.20					
Description:		The stabilization of areas frequently and intensively used by people, animals or vehicles by establishing vegetation cover, by surfacing with concrete, and/or by installing needed structures. Typical size is 40'x 40' or smaller on the end of a poultry house as needed to treat the resource concern. Any area outside of the 40'x40' foot print is the responsibility of the contract holder. Concrete pad in areas where poultry waste handling poses an environmental risk. This can include pads outside of poultry facilities and a pad outside of a PWSF. This pad may be the width of the PWSF.											
561	10	HEAVY USE AREA PROTECTION - HUA - Concrete With Curbs - CNMP Required	8.35	SF			6.15	7.38					
Description:		The stabilization of areas frequently and intensively used by people, animals typically using concrete. Concrete pad with 6" curbs on two sides in areas where animals frequently congregate or in areas where animal waste handling poses an environmental risk.											
561	10	HEAVY USE AREA PROTECTION - HUA - Concrete - CNMP Required	6.15	SF			4.50	5.40					
Description:		The stabilization of areas frequently and intensively used by people, animals or vehicles by establishing vegetation cover, by surfacing with suitable materials, and/or by installing needed structures. Concrete pad in areas where animals frequently congregate or in areas where animal waste handling poses an environmental risk.											
561	10	HEAVY USE AREA PROTECTION - Difficult Site - CNMP Required	12.15	SF			9.00	10.80					
Description:		The stabilization of areas frequently and intensively used by people, animals or vehicles by establishing vegetation cover, by surfacing with suitable materials, and/or by installing needed structures. This site would include steep slopes greater than 10% and require approval from the State office before using in contracting. Concrete pad in areas where animals frequently congregate or in areas where animal waste handling poses an environmental risk. STATE OFFICE PERMISSION REQUIRED.											
561	10	HEAVY USE AREA PROTECTION - HUA - Gravel - Non-Livestock and Livestock Areas	2.65	SF	1.88	2.25	1.88	2.25			1.88	2.25	
Description:		The stabilization of areas frequently and intensively used by people, animals or vehicles by establishing vegetation cover, by surfacing with suitable materials, and/or by installing needed structures. Gravel HUA in areas where machinery or animals routinely destroys existing cover.											
574	20	SPRING DEVELOPMENT	2038.10	EA			1500.00	1800.00			1500.00	1800.00	
Description:		This is a treatment component of an agricultural management system to utilize springs and seeps to provide water for grazing. This includes, 4" perforated pipe, stone, a collection box and excavation and installation.											
574	20	SPRING DEVELOPMENT - Cistern	0.86	GAL			0.63	0.76			0.63	0.76	
Description:		This is a treatment component of an agricultural management system to utilize springs and seeps to provide water for grazing. This component is utilized when additional water storage is required to meet the needs of the operation.											
578	10	STREAM CROSSING - Concrete Panels	7293.00	EA			5362.50	6435.00			5362.50	6435.00	
Description:		This is a treatment component of an agricultural management system to stabilize a structure across a stream to provide a travel way for livestock. This scenario includes any excavation, grading, stone and concrete to install concrete panels to serves as a crossing.											
578	10	STREAM CROSSING - Bridge	10914.00	EA			8025.00	9630.00			8025.00	9630.00	
10		This is a treatment component of an agricultural management system to stabilize a structure across a stream to provide a travel way for livestock. This scenario includes any excavation, grading, stone and concrete to install concrete panels to serves as a crossing.											
578	10	STREAM CROSSING - ≤ 30" Culvert	3876.00	EA			2850.00	3420.00			2850.00	3420.00	

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)								
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU	
10		This is a treatment component of an agricultural management system to stabilize a structure across a stream to provide a travel way for livestock. This scenario includes any excavation, grading, stone and concrete to install concrete panels to serves as a crossing.											
578	10	STREAM CROSSING - ≥ 30" and ≤ 48" Culvert	8772.00	EA			6450.00	7740.00				6450.00	7740.00
10		This is a treatment component of an agricultural management system to stabilize a structure across a stream to provide a travel way for livestock. This scenario includes any excavation, grading, stone and concrete to install concrete panels to serves as a crossing.											
578	10	STREAM CROSSING - > 48" Culvert	19890.00	EA			14625.00	17550.00				14625.00	17550.00
Description:		This is a treatment component of an agricultural management system to stabilize a structure across a stream to provide a travel way for livestock. This scenario includes any excavation, grading, stone and concrete to install concrete panels to serves as a crossing.											
580	20	STREAMBANK & SHORELINE PROTECTION - J Hooks and Cross Veins	50.00	LN			37.50	45.00	37.50	45.00		37.50	45.00
20		Utilize J hooks and cross veins to stabilize stream channels and potentially aid in fish migration.											
580	20	STREAMBANK & SHORELINE PROTECTION - Walls/Revetment ≥ Class II	178.50	FT			87.50	131.25	87.50	131.25		87.50	131.25
Description:		Treatment(s) using structures and/or vegetation to stabilize and protect banks of streams, lakes, reservoirs, estuaries, or excavated channels against scour and erosion. This practice is also employed to influence scour and deposition patterns, working with streams power in order to influence streams plan, form, and grade. This practice is not to treat bank erosion in water bodies where wind or wave energy are a concern. It is for the purpose of treating problems caused by stream flow.											
580	20	STREAMBANK & SHORELINE PROTECTION - Walls/Revetment Class I	127.50	FT			62.50	93.75	62.50	93.75		62.50	93.75
Description:		Treatment(s) using structures and/or vegetation to stabilize and protect banks of streams, lakes, reservoirs, estuaries, or excavated channels against scour and erosion. This practice is also employed to influence scour and disposition or excavated channels against scour and erosion. This practice is also employed to influence scour and deposition. This practice is not to treat bank erosion in water bodies where wind or wave energy are a concern. It is for the purpose of treating problems caused by stream flow. Stabilizing streambanks, using geomorphic designs and bioengineering to stabilize and reduce streambank erosion. STATE OFFICE PERMISSION REQUIRED.											
580	20	STREAMBANK & SHORELINE PROTECTION - Geomorphic and Bioengineering	127.50	FT			93.75	112.50	93.75	112.50		93.75	112.50
Description:		Treatment(s) using structures and/or vegetation to stabilize and protect banks of streams, lakes, reservoirs, estuaries, or excavated channels against scour and erosion. This practice is typically employed to address scour and erosion associated with localized instability. This practice is not to treat bank erosion in water bodies where wind or wave energy are a concern. It is for the purpose of treating problems caused by stream flow. Stabilizing streambanks, using geomorphic designs and bioengineering to stabilize and reduce streambank erosion. STATE OFFICE PERMISSION REQUIRED.											
580	20	STREAMBANK & SHORELINE PROTECTION - Plant Plugs	1.50	EA			1.13	1.35	1.13	1.35		1.13	1.35
Description:		Native hydrophilic plant plugs will be planted to rehabilitate a degraded shoreline back to natural hydrologic, vegetative, and hydric soil conditions or extent practical for wildlife habitat.											
580	20	STREAMBANK & SHORELINE PROTECTION - Vegetative Stabilization Only	3.06	EA			2.25	2.70	2.25	2.70		2.25	2.70
Description:		Treatment(s) using structures and/or vegetation to stabilize and protect banks of streams, lakes, reservoirs, estuaries, or excavated channels against scour and erosion. This practice is also employed to influence scour and deposition patterns, working with streams power in order to influence streams plan, form, and grade. This practice is not to treat bank erosion in water bodies where wind or wave energy are a concern. It is for the purpose of treating problems caused by stream flow. Stabilizing streambanks, using vegetation to stabilize and reduce streambank erosion.											
580	20	STREAMBANK & SHORELINE PROTECTION - PDA stabilization	10.89	EA			8.17	9.80				8.17	9.80

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
Description:		Stabilizing PDA's and like channels by using rock to protect against scour and erosion.										
587	10	STRUCTURE FOR WATER CONTROL	1600.00	PER			1200.00	1440.00			1200.00	1440.00
Description:		A structure in a water management system that maintains a desired water surface elevation.										
587	10	STRUCTURE FOR WATER CONTROL - Stainless Steel WCS for Salt Water Areas	2142.00	PER			1575.00	1890.00			1575.00	1890.00
Description:		A structure in a water management system that maintains a desired water surface elevation.										
590	1	NUTRIENT MANAGEMENT - Alternative Use	26.98	AC			20.00	24.00				
Description:		Managing the amount, source, placement, form and timing of the application of nutrients and soil amendments. An alternative use of poultry litter to move more litter outside the Chesapeake Bay watershed or to an alternative use such as recycling. Replace manure nutrients with commercial nutrients as needed. Nanticoke Only										
590	1	NUTRIENT MANAGEMENT - Pastures, NM Plus Lime and Amendments	35.00	AC			26.00	32.00			\$26.00	\$32.00
Description:		The nutrient management practice scenario is for grazing participants that wish to enhance the grazing land productivity. Participants must meet the State required NM documentation and the practice standard. Limit 2 tons of lime per acre										
590	1	NUTRIENT MANAGEMENT - NUE	20.70	AC			16.00	19.00			\$16.00	\$19.00
Description:		The nutrient management practice scenario is for participants that wish to go above and beyond the requirements of the State Nutrient Law. In order to receive this payment the landowner must maintain records for 3 years and meet the requirements of the State Law. Soil test are required 3 to 5 years.										
590	1	NUTRIENT MANAGEMENT - Nutrient Management - light bar (Payment Cap \$3000)	6.00	AC			3.00	4.50			3.00	4.50
Description:		The nutrient management practice scenario is for participants that wish to go above and beyond the requirements of the State Nutrient Law. In order to receive this payment the landowner must maintain records for 3 years and meet the requirements of the State law. Soil test are required 3 to 5 years. Producer will implement his NM plan according to State law and utilize a light bar to properly apply fertilizer preventing overlap and missed areas.										
590	1	NUTRIENT MANAGEMENT - TIER IIB - Precision Ag	16.00	AC			12.00	14.40			\$12.00	\$14.40
Description:		The nutrient management practice scenario is for participants that wish to go above and beyond the requirements of the State Nutrient Law. In order to receive this payment the landowner must maintain records for 3 years and meet the requirements of the State Law. Soil test are required 3 to 5 years. Producer will install all items listed below. Producers are not eligible for payments for practices or activities that they (or persons working for them) have already implemented on fields proposed for enrollment.										
590	1	NUTRIENT MANAGEMENT -TIER IIC, Decision AG	20.00	AC			15.00	18.00			\$15.00	\$18.00
Description:		The nutrient management practice scenario is for participants that wish to go above and beyond the requirements of the State Nutrient Law. In order to receive this payment the landowner must implement and maintain records for 3 years and meet the requirements of the State Nutrient Management Law. This management practice contains two Tiers of treatment: Tier IIC Decision Support, Commercial Fertilizer is described below. Utilize a GPS and yield monitoring system to collect field-specific crop data, and a software/record keeping system that analyzes that data. Utilize this analysis to adjust field inputs, which may include variable rate fertilizer, lime, and/or variable rate planting. This system involves the development and use of an extensive record keeping system of crop management and yield data inputs using GPS technology to ensure the most efficient production is achieved. GPS/record keeping is done with commercial software. There are numerous software programs on the market that a program participant may use. Producers are not eligible for payments for practices or activities that they (or persons working for them) have already implemented on fields proposed for enrollment.										
590	1	NUTRIENT MANAGEMENT Pinchot CCPI	52.77	AC			34.00	40.00				
Description:		Site specific NM application with test plots to document productivity. The nutrient management practice scenario is for participants that wish to go above and beyond the requirements of the State Nutrient Law. In order to receive this payment the landowner must implement and maintain records for 3 years and meet the requirements of the State Nutrient Management Law. This management practice contains two Tiers of treatment:										

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)								
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU	
591	1	AMENDMENTS FOR TREATMENT OF AG WASTE - Alum/Klasp - Broilers	162.09	1000 SF			121.57	145.88					
Description:		This practice cost shares on the application of Alum to the square footage of the poultry house outside the brood chamber during the winter months. Typical existing practice is for integrators to apply Alum in the brood chambers to enhance poultry health. NRCS provides financial assistance to apply Alum outside the brood chamber to treat the entire house for the purpose of nutrient abatement. The payment rate is for the entire square footage of the house but has been reduced to account for what is already being applied by the integrators in the brood chamber. The annual payment rate for broilers per 1000 Sq Ft is based on a scenario of 5 flocks per year with 2.5 winter flocks requiring Alum applications.											
591	1	AMENDMENTS FOR TREATMENT OF AG WASTE - Alum/Klasp-Roaster	129.60	1000 SF			97.20	116.64					
Description:		This practice cost shares on the application of Alum to the square footage of the poultry house outside the brood chamber during the winter months. Typical existing practice is for integrators to apply Alum in the brood chambers to enhance poultry health. NRCS provides financial assistance to apply Alum outside the brood chamber to treat the entire house for the purpose of nutrient abatement. The payment rate is for the entire square footage of the house but has been reduced to account for what is already being applied by the integrators in the brood chamber. The annual payment rate for roasters is based on a scenario of 4 flocks per year with 2 winter flocks requiring Alum applications.											
591	1	AMENDMENTS FOR TREATMENT OF AG WASTE - PLT - Broilers	143.81	1000 SF			107.86	129.43					
Description:		This practice cost shares on the application of Alum to the square footage of the poultry house outside the brood chamber during the winter months. Typical existing practice is for integrators to apply Alum in the brood chambers to enhance poultry health. NRCS provides financial assistance to apply Alum outside the brood chamber to treat the entire house for the purpose of nutrient abatement. The payment rate is for the entire square footage of the house but has been reduced to account for what is already being applied by the integrators in the brood chamber. The annual payment rate for broilers per 1000 Sq Ft is based on a scenario of 5 flocks per year with 2.5 winter flocks requiring Alum applications.											
591	1	AMENDMENTS FOR TREATMENT OF AG WASTE - PLT - Roasters	114.97	1000 SF			86.23	103.47					
Description:		This practice cost shares on the application of Alum to the square footage of the poultry house outside the brood chamber during the winter months. Typical existing practice is for integrators to apply Alum in the brood chambers to enhance poultry health. NRCS provides financial assistance to apply Alum outside the brood chamber to treat the entire house for the purpose of nutrient abatement. The payment rate is for the entire square footage of the house but has been reduced to account for what is already being applied by the integrators in the brood chamber. The annual payment rate for roasters is based on a scenario of 4 flocks per year with 2 winter flocks requiring Alum applications.											
592	1	FEED MANAGEMENT - ≤ 150 Cows		AU			12.00	15.00				12.00	15.00
Description:		Feed ration management on a ≤ 150-head confined dairy operation. Goal is to reduce the amount of nitrogen and phosphorous in the feed ration and protect water quality.											
592	1	FEED MANAGEMENT - ≥ 151 Cows		AU			7.00	9.00				7.00	9.00
Description:		Feed ration management on a ≥ 151-head confined dairy operation. Goal is to reduce the amount of nitrogen and phosphorous in the feed ration and protect water quality.											
595	1	PEST MANAGEMENT - Specialty Crops	27.00	AC			20.00	24.00				20.00	24.00
Description:		Utilizing environmentally sensitive prevention, avoidance, monitoring and suppression strategies, to manage weeds, insects, diseased, animal and other organisms (including invasive and non-invasive species), that directly or indirectly cause damage or annoyance. The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods. This management practice contains two tiers. This payment schedule uses a 3 year adoption requirement. See Pest Management Financial Assistance 2009 documents for more details.											
595	1	PEST MANAGEMENT - Cropland	13.35	AC			10.00	12.00				10.00	12.00
Description:		Utilizing environmentally sensitive prevention, avoidance, monitoring and suppression strategies, to manage weeds, insects, diseased, animal and other organisms (including invasive and non-invasive species), that directly or indirectly cause damage or annoyance. The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods. In addition to these requirements, the producer must implement the recommendations in their Pest Management Plan. This management practice contains two tiers. Tier I includes pest management on row crops and vegetable crops. This payment schedule uses a 3 year adoption requirement. This management practice contains two tiers. This payment schedule uses a 3 year adoption requirement. See Pest Management Financial Assistance 2009 documents for more details.											

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)								
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU	
595	1	PEST MANAGEMENT - Advanced Pest Mgt Practice, Producer Installed	6.66	AC			5.00	6.00				5.00	6.00
Description:		The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods. In addition to these requirements, the producer must implement the recommendations in their Pest Management Plan. This management practice contains two tiers. Tier II includes advanced pest management on both row crops and vegetable crops. This payment schedule uses a 3 year adoption requirement. See Pest Management Financial Assistance 2009 documents for more details.											
595	1	PEST MANAGEMENT - Advanced PM Practice Specialty Crops Producer Installed	9.33	AC			7.00	8.40				7.00	8.40
Description:		The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods. In addition to these requirements, the producer must implement the recommendations in their Pest Management Plan. This management practice contains two tiers. Tier II includes advanced pest management on both row crops and vegetable crops. This payment schedule uses a 3 year adoption requirement. See Pest Management Financial Assistance 2009 documents for more details.											
595	1	PEST MANAGEMENT - Tree Fruit -Application Technology	35.00	AC			26.00	31.50				26.00	31.50
Description:		The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods, using computer controlled spray technology to direct spray to target plants and turn spray off automatically.											
595	1	PEST MANAGEMENT - Tree Fruit - Non-Chemical	25.00	AC			15.00	18.00				15.00	18.00
Description:		The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods, specifically non-chemical treatment of pests. Organic producers must release beneficials targeted to the insect population in question											
595	1	PEST MANAGEMENT - Tree Fruit - Monitoring with Phenology Model	450.00	ONE PER YEAR			338.00	405.00				338.00	405.00
Description:		Utilizing environmentally sensitive prevention, avoidance, monitoring and suppression strategies, to manage weeds, insects, diseased, animal and other organisms (including invasive and non-invasive species), that directly or indirectly cause damage or annoyance. The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods.											
595	1	PEST MANAGEMENT - Tree Fruit - Intermediate - Advanced Mating Disruption, 1 species	46.73	ONE PER YEAR			35.00	42.00				35.00	42.00
Description:		Utilizing environmentally sensitive prevention, avoidance, monitoring and suppression strategies, to manage weeds, insects, diseased, animal and other organisms (including invasive and non-invasive species), that directly or indirectly cause damage or annoyance. The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods. This management practice contains the use of advanced mating disruption, 1 species											
595	1	PEST MANAGEMENT - Tree Fruit - Intermediate - Advanced Mating Disruption, 2 species	93.46	ONE PER YEAR			70.00	84.00				70.00	84.00
Description:		Utilizing environmentally sensitive prevention, avoidance, monitoring and suppression strategies, to manage weeds, insects, diseased, animal and other organisms (including invasive and non-invasive species), that directly or indirectly cause damage or annoyance. The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods. This management practice contains the use of advanced mating disruption, 2 species											
595	1	PEST MANAGEMENT - Tree Fruit - Advanced PM Intensive Insect and Mite Monitoring	40.00	AC			30.00	36.00				30.00	36.00

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)								
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU	
Description:		Utilizing environmentally sensitive prevention, avoidance, monitoring and suppression strategies, to manage weeds, insects, diseased, animal and other organisms (including invasive and non-invasive species), that directly or indirectly cause damage or annoyance. The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods. This management practice involves advanced insect and mite monitoring.											
595	1	PEST MANAGEMENT - Tree Fruit - Advanced PM Intensive Disease Monitoring	40.00	AC			30.00	36.00				30.00	36.00
Description:		Utilizing environmentally sensitive prevention, avoidance, monitoring and suppression strategies, to manage weeds, insects, diseased, animal and other organisms (including invasive and non-invasive species), that directly or indirectly cause damage or annoyance. The pest management practice scenario is for cropland in Maryland. In order to receive this payment the landowner at the minimum must utilize and maintain Integrated Pest Management (IPM) principles using scouting, biological and mechanical methods. This management practice involves advanced disease monitoring.											
600	10	TERRACE - Construction	7.49	FT			5.51	6.62				5.51	6.62
Description:		An earth channel constructed with a supporting ridge on the lower side across the slope. A channel constructed across long slopes, undulating land surfaces or gently rolling slopes to divert water away from farmsteads, agricultural waste systems, gullies, critical erosion areas or construction areas or collect and direct runoff or protect terrace systems.											
606	20	SUBSURFACE DRAIN - Tile Drainage	6.03	FT			4.50	5.40				4.50	5.40
Description:		A conduit, such as corrugated plastic tubing, tile, or pipe typically surrounded by stone, installed beneath the ground surface to collect and/or convey drainage water. This practice is only in conjunction with another structural practice such as grassed waterway, diversion, waste storage facility. This is not a stand alone practice. 1000' of 4-inch plastic perforated tile line, installed on moderately steep to level silt-loam, cropland or headquarters.											
612	15	TREE & SHRUB ESTABLISHMENT - Planting - Containerized Trees & Shrubs	4125.00	AC			3093.75	3712.50				3093.75	3712.50
Description:		Area planted to 1 gallon trees & shrubs without tree shelters that needs to be reforested quickly.											
612	15	TREE & SHRUB ESTABLISHMENT - Planting - Softwoods	76.89	AC			54.50	65.40				54.50	65.40
Description:		One acre planted to trees & shrubs at a density of 300-460 plantings per acre to create or enhance wildlife habitat. Only native trees and shrubs should be selected.											
612	15	TREE & SHRUB ESTABLISHMENT - Planting - Shrub and Hardwood Without Shelters	700.00	AC			525.00	630.00				525.00	630.00
Description:		One acre planted to trees & shrubs at a density of 300-460 plantings per acre to create or enhance wildlife habitat. Only native trees and shrubs should be selected.											
612	15	TREE & SHRUB ESTABLISHMENT - Planting - Shrub and Hardwood With Shelters	1717.00	AC			1275.00	1530.00				1275.00	1530.00
Description:		One acre planted to trees & shrubs at a density of 300-460 plantings per acre to create or enhance wildlife habitat. Only native trees and shrubs should be selected. 50% of the trees will be protected with tree shelters.											
614	20	WATERING FACILITY - Movable Trough	2.06	GAL			1.50	1.80	1.50	1.80		1.50	1.80
Description:		A device (tank, trough, or other watertight container) for providing animal access to water. A small movable trough / livestock watering facility used to facilitate a prescribed grazing in an intensively managed livestock operation.											
614	20	WATERING FACILITY - FF Trough with Concrete HUA	2060.00	each			1500.00	1800.00	1500.00	1800.00		1500.00	1800.00
Description:		A device (tank, trough, or other watertight container) for providing animal access to water. A frost free livestock watering facility and concrete HUA for livestock operation on pasture.											
614	20	WATERING FACILITY - FF Trough	1442.00	each			1050.00	1260.00	1050.00	1260.00		1050.00	1260.00

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
Description:		A device (tank, trough, or other watertight container) for providing animal access to water. A frost free livestock watering facility no HUA for livestock operation on pasture.										
614	20	WATERING FACILITY - Concrete Trough With Concrete HUA	2732.59	each			1989.75	2387.70	1989.75	2387.70	1989.75	2387.70
Description:		A device (tank, trough, or other watertight container) for providing animal access to water. A 350 - 400 gallon concrete livestock watering facility and concrete HUA for livestock operation on pasture.										
620	20	UNDERGROUND OUTLET - 4-6" Underground Outlet	8.32	FT	6.18	7.42	6.18	7.42				
Description:		A conduit, such as corrugated plastic tubing, tile, or pipe, installed beneath the ground surface to collect and/or convey drainage water. A conduit, such as corrugated plastic tubing, tile, or pipe, installed beneath the ground surface to collect and/or convey drainage water.										
620	20	UNDERGROUND OUTLET - 8-10" Underground Outlet	9.98	FT	7.41	8.89	7.41	8.89				
Description:		A conduit, such as corrugated plastic tubing, tile, or pipe, installed beneath the ground surface to collect and/or convey drainage water. One quarter-mile of 8-10 inch plastic pipe, with drop inlets, installed on 5% slope, at base of cropland field.										
620	20	UNDERGROUND OUTLET - ≥ 12" HIQ	48.05	FT			35.70	42.84				
Description:		An HIQ conduit, installed beneath the ground surface to collect and/or convey drainage water. Typically on a poultry facility where ditching is close to exhaust fans. Ditch closure involves placing HIQ pipe and earth fill to provide adequate crush protection and material for seeding. Use Critical Area Planting for seeding expenses.										
620	20	OUTLET - ≥ 12" Underground Outlet	15.90	FT	11.81	14.17	11.81	14.17				
Description:		A conduit, such as corrugated plastic tubing, tile, or pipe, installed beneath the ground surface to collect and/or convey drainage water. One quarter-mile of 12 plus inch plastic pipe, with drop inlets, installed on 5% slope, at base of cropland field.										
620	20	UNDERGROUND OUTLET - Infiltration Trench	0.64	SF of roof area	0.48	0.58	0.48	0.58				
Description:		An infiltration trench installed where soils are suitable to infiltrate roof runoff into the soil rather than into surface waters. Typical scenario involves perforated pipe and stone for infiltration.										
633	1	Waste Utilization aerway	21.33	acre			16.00	19.20			16.00	19.20
Description:		incorporate manure using an aerway to incorporate manure with minimal disturbance with in 24 hours.										
633	1	Waste Utilization turbotill like equipment dry	13.33	acre			10.00	12.00			10.00	12.00
Description:		incorporate manure using an turbo till to incorporate dry manure with minimal disturbance with in 24 hours.										
633	1	Waste Utilization turbo till like equipment liquid manure	17.35	acre			13.00	15.60			13.00	15.60
Description:		incorporate manure using an turbo till to incorporate liquid manure with minimal disturbance with in 24 hours.										
633	1	Waste Utilization injection	60.00	acre			45.00	54.00			45.00	54.00
Description:		incorporate manure using an injection equipment to incorporate liquid manure with minimal disturbance with in 24 hours.										
632	15	SOLID/LIQUID SEPARATION FACILITY	43150.00	EA			34612.50	41535.00				
Description:		Solid/Liquid Separation Facility - The partitioning of solids, liquids, and their associated nutrients as part of a planned agricultural waste management system to protect or improve water or air quality.										
632	15	SOLID/LIQUID SEPARATION FACILITY sand separator	96912.37	EA			71262.00	85514.00				
Description:		Mechanical sand-manure separator with hydro-cyclone for sand laden dairy manure. Includes effluent pump, and separation equipment.										

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)								
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU	
634	15	MANURE TRANSFER - Small Manure Transfer Pump	10506.00	EA			7725.00	9270.00					
Description:		Small unloading pump and 100' of 6" PVC to move manure from reception pit to final storage. Part of a animal waste management system.											
634	15	MANURE TRANSFER - Medium Manure Transfer Pump	13260.00	EA			9750.00	11700.00					
Description:		Medium unloading pump and 100' of 6" PVC to move manure from reception pit to final storage. Part of a animal waste management system.											
634	15	MANURE TRANSFER - Large Manure Transfer Pump	25500.00	EA			18750.00	22500.00					
Description:		Large unloading pump and spreader filling equipment to move manure from storage location to manure distribution site/equipment. Part of a animal waste management system.											
634	15	MANURE TRANSFER - Transfer Pump, Tank and Pipe System	7925.40	EA			5827.50	6993.00					
Description:		5 - 7 HP transfer pump, 1500 gallon tank, and 200' of 6" PVC to move wastewater to reception pit/final storage. Part of a animal waste management system.											
634	15	MANURE TRANSFER - Reception Pit	6.89	CF			5.06	6.08					
Description:		A reception pit, holding 2400 cu ft. of animal waste to be transferred to a storage facility. Part of a animal waste management system.											
634	15	MANURE TRANSFER - Transfer Pipe 4-6"	8.16	CF			6.00	7.20					
Description:		Transfer pipe. Part of an animal waste management system.											
634	15	MANURE TRANSFER - Transfer Pipe 8-10"	9.69	CF			7.13	8.55					
Description:		Transfer pipe. Part of an animal waste management system.											
634	15	MANURE TRANSFER - Transfer Pipe 12-15"	16.58	CF			12.19	14.63					
Description:		Transfer pipe. Part of an animal waste management system.											
634	15	MANURE TRANSFER - Transfer Pipe 18-24"	43.86	CF			32.25	38.70					
Description:		Transfer pipe. Part of an animal waste management system.											
634	15	MANURE TRANSFER - Transfer Pipe greater than 24"	51.00	CF			37.50	45.00					
Description:		Transfer pipe. Part of an animal waste management system.											
634	15	MANURE TRANSFER - Vehicular	0.20	per mile			0.15	0.18			0.15	0.18	
Description:		Transfer pipe. Part of an animal waste management system.											
635	10	VEGETATED TREATMENT AREA - Treatment Strip	1761.28	AC			989.00	1187.00			989.00	1187.00	
Description:		A treatment component of an agricultural waste management system consisting of a strip or area of herbaceous vegetation. 500 X 50 feet of vegetation, usually grasses, installed near confined livestock to catch animal waste and debris. This typically requires shaping, grading and hand seeding to establish.											
638	10	WATER & SEDIMENT CONTROL BASIN	10649.00	AC FT			5051.00	7561.20			5051.00	7561.20	
Description:		An earthen embankment or combination ridge and channel generally constructed across the slope and minor watercourses to form a sediment trap and water detention basin.											
642	20	WATER WELL - Well, Drilled, Cased (Central and Western MD)		FT	10.25	12.30	10.25	12.30	10.25	12.30	10.25	12.30	
Description:		A hole drilled, dug, driven, bored, jetted or otherwise constructed to an aquifer. Livestock well, 350 feet deep, 4-inch cased as needed with well head protection includes the well pump. Part of a livestock watering system.											
642	20	WATER WELL - Well, Drilled, Cased (Southern and Shore Regions)		FT	17.00	20.00	17.00	20.00	17.00	20.00	17.00	20.00	
Description:		A hole drilled, dug, driven, bored, jetted or otherwise constructed to an aquifer. Livestock well, 350 feet deep, 4-inch cased as needed with well head protection includes the well pump. Part of a livestock watering system.											

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
643	1	RESTORATION & MANAGEMENT OF DECLINING HABITATS - Goats and Sheep	750.00	AC			562.50	675.00	562.50	675.00		
Description:		Maintain or enhance wildlife habitat to restore desired vegetative cover using sheep or goats. SENSITIVE SITES ONLY (typically Bog Turtle sites)										
643	1	RESTORATION & MANAGEMENT OF DECLINING HABITATS - Pasture Management for Bog Turtles	60.00	AC			60.00	60.00				
Description:		Follow a grazing management plan developed specifically for bog turtles on sites that are currently or were formerly occupied by bog turtles, as determined by the Maryland Department of Natural Resources.										
643	1	RESTORATION & MANAGEMENT OF DECLINING HABITATS - Planting, mulch and exclusion fencing	7000.00	AC			5250.00	6300.00	5250.00	6300.00		
Description:		Install plant plugs for the establishment of rare and declining species habitat. Target specific species or rare habitat. (5,000 SF) (Capped at 1 per contract). STATE OFFICE APPROVAL REQUIRED.										
646	10	SHALLOW WATER AREA FOR WILDLIFE - Development and Management <1 ac.	4734.96	each			3517.00	4220.00	3466.00	4159.00		
Description:		4.96										
646	10	SHALLOW WATER AREA FOR WILDLIFE - Development and Management >1 ac.	4052.45	AC			3010.00	3612.00	2959.00	3551.00		
Description:		Develop or manage shallow land inundated with water to provide habitat for fish and/or wildlife. Average practice size is 2-5 acres but may be smaller or larger in size.										
646	10	SHALLOW WATER AREA FOR WILDLIFE - Development and Management >3% slope	12397.07	AC			9206.00	11048.00	9155.00	10986.00		
Description:		Develop or manage shallow land inundated with water to provide habitat for fish and/or wildlife. Average practice size is 2-5 acres but may be smaller or larger in size.										
647	1	EARLY SUCCESSIONAL HABITAT DEVELOPMENT /MANAGEMENT - Disk	20.00	AC			15.00	18.00	15.00	18.00		
Description:		Conduct disking to establish and/or maintain early successional wildlife habitat. This can not be used on land currently enrolled in CRP or CREP.										
647	1	EARLY SUCCESSIONAL HABITAT DEVELOPMENT/MANAGEMENT - Prescribed Burn	35.66	AC			26.75	32.10	26.75	32.10		
Description:		Develop and implement a prescribed burn plan for the benefit of wildlife. This can not be used on land currently enrolled in CRP or CREP.										
647	1	EARLY SUCCESSIONAL HABITAT DEVELOPMENT /MANAGEMENT - Hand or Aerial	120.00	AC			90.00	108.00	90.00	108.00		
Description:		Aerial or hand application of herbicide to maintain early successional habitat on small acres.										
647	1	EARLY SUCCESSIONAL HABITAT DEVELOPMENT /MANAGEMENT - Herbicide Treatment Machine	75.00	AC			56.25	67.50	56.25	67.50		
Description:		Ground-based equipment application of herbicide to maintain early successional habitat.										

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
647	1	EARLY SUCCESSIONAL HABITAT DEVELOPMENT/ MANAGEMENT - Non-Commercial Thinning ≤ 50 sq. ft. Basal Area	200.00	AC			150.00	180.00	150.00	180.00		
Description:		Crews thin trees with weedwackers and chainsaws to develop early successional habitat. Thinning young pine to create openings for wildlife.										
647	1	EARLY SUCCESSIONAL HABITAT DEVELOPMENT/ MANAGEMENT - Mechanical Brush Control	300.00	AC			225.00	270.00	225.00	270.00		
Description:		Use of mechanized equipment (e.g., geo-boy) to reduce/control woody brush and maintain early successional habitat. This machine can remove brush and small trees in difficult areas. This is not a brush hog. STATE OFFICE PERMISSION REQUIRED.										
647	1	EARLY SUCCESSIONAL HABITAT DEVELOPMENT/ MANAGEMENT - Wildflower Over-Seeding	155.00	AC			116.25	139.50	116.25	139.50		
Description:		Increase diversity in existing grass stands through a combination of disking and over-seeding high diversity native wildflower mix at 1 to 2 lb/ac PLS. This cannot be used on land currently enrolled in CRP or CREP.										
657	15	WETLAND RESTORATION - Herbicide - Aerial or Hand	160.00	AC			120.00	144.00	120.00	144.00	120.00	144.00
Description:		Herbicide will be applied by hand or aircraft to reduce or remove undesirable vegetation to rehabilitate a degraded wetland back to natural hydrologic, vegetative, and hydric soil conditions or extent practicable for wildlife habitat.										
657	15	WETLAND RESTORATION - <.75 ac.	2250.00	EA			1687.50	2025.00	1687.50	2025.00	1687.50	2025.00
Description:		Rehabilitation of a degraded wetland (<3/4 ac) back to natural hydrologic, vegetative, and hydric soil conditions or extent practicable for wildlife habitat.										
657	15	WETLAND RESTORATION	3000.00	AC			2250.00	2700.00	2250.00	2700.00	2250.00	2700.00
Description:		Rehabilitation of a degraded wetland back to natural hydrologic, vegetative, and hydric soil conditions or extent practicable.										
657	15	WETLAND RESTORATION - Plant Plugs	1.50	EA			1.13	1.35	1.13	1.35	1.13	1.35
Description:		Native hydrophilic vegetation will be planted to rehabilitate a degraded wetland back to natural hydrologic, vegetative, and hydric soil conditions or extent practical for wildlife habitat. For herbaceous vegetation, a minimum of 85% cover of the desired species will be planted. Project Cost Not To Exceed \$3,000.										
657	15	WETLAND RESTORATION - Herbicide - Machine	100.00	AC			75.00	90.00	75.00	90.00	75.00	90.00
Description:		Herbicide will be applied by a machine to reduce or remove undesirable vegetation to rehabilitate a degraded wetland back to natural hydrologic, vegetative, and hydric soil conditions or extent practicable for wildlife habitat.										
657	15	WETLAND RESTORATION - Ditch Plug	353.50	EA			262.50	315.00	262.50	315.00	262.50	315.00
Description:		Rehabilitation of a degraded wetland back to natural hydrologic, vegetative, and hydric soil conditions to the extent practicable using ditch plugs.										
657	15	WETLAND RESTORATION - Ditch Plug Tidal Marsh	100.00	EA			75.00	90.00	75.00	90.00	75.00	90.00
Description:		Rehabilitation of a degraded wetland back to natural hydrologic, vegetative, and hydric soil conditions to the extent practicable using ditch plugs. Tidal Marsh ditch plug										
658	15	WETLAND CREATION - Wetland Creation < .75 ac.	2853.00	AC			1738.50	2086.20			1738.50	2086.20

Practice Code	Lifespan (Years)	Practice/Component Name	Unit Cost \$	Unit	Payment Rate (Dollars - \$)							
					AMA	AMA HU	EQIP/ CBWI	EQIP/ CBWI HU	WHIP	WHIP HU	EQIP Organic	EQIP Organic HU
Description:		A wetland (< 3/4 acre) that has been created for wildlife habitat on a site location which historically was not a wetland. Includes the berm and 35 ft buffer.										
658	15	WETLAND CREATION - Wetland Creation > .75 ac.	3603.00	AC			2301.00	2761.20			2301.00	2761.20
Description:		A wetland (> 3/4 acre) that has been created for wildlife habitat on a site location which historically was not a wetland. Includes the berm and 35 ft buffer.										
666	10	FOREST STAND IMPROVEMENT - Chemical Aerial Application	85.00	AC			63.75	76.50				
Description:		Aerial application of herbicide to manipulating species composition, stand structure, and stocking by cutting or killing selected trees and understory vegetation. Aerial application of herbicide.										
666	10	FOREST STAND IMPROVEMENT - Chemical Ground Application	198.00	AC			148.50	178.20				
Description:		Spot application performed with a backpack sprayer, targeting individual trees for treatment. Chemical spot treatment to manipulate species composition, stand structure, and stocking by cutting or killing selected trees and understory vegetation.										
666	10	FOREST STAND IMPROVEMENT - Frilling	200.00	AC			150.00	180.00				
Description:		Ground crew uses hatchet to create opening in bark and apply herbicide. Manipulating species composition, stand structure, and stocking by cutting or killing selected trees and understory vegetation.										
666	10	FOREST STAND IMPROVEMENT - Thin - Non-Commercial - Light	200.00	AC			150.00	180.00			150.00	180.00
Description:		Crews thin trees with weedwackers and chainsaws. Manipulating species composition, stand structure, and stocking by cutting or killing selected trees and understory vegetation.										
798	4	Seasonal High Tunnel	3.23	AC	2.10	2.52						
Description:		A 1,440 square foot (30' x 48') seasonal polyethylene covered structure with no electrical, heating, and/or mechanical ventilation systems, used to cover crops to extend the growing season in an environmentally safe manner. MAX size 2178 sq ft.										