

**EQIP 2008 GUANICA Cost List 90%, PR
FY 2011**

Code	Practice	Component	Units	Unit Cost
102	Comprehensive Nutrient Management Plan-Written (102)	Comprehensive Nutrient Management Plan (CNMP)-Written. Only certified Technical Service Providers (TSPs) qualify for payment.	No.	\$4,176.00
106	Forest Management Plan-Written (106)	Forest Management Plan < 50 acre -Written Only certified Technical Service Providers (TSPs) qualify for payment.	No.	\$1,512.00
106	Forest Management Plan-Written (106)	Forest Management Plan 50- 100 acre -Written Only certified Technical Service Providers (TSPs) qualify for payment.	No.	\$2,772.00
106	Forest Management Plan-Written (106)	Forest Management Plan >100 acre -Written Only certified Technical Service Providers (TSPs) qualify for payment.	No.	\$3,780.00
122	Agricultural Energy Management Plan, Headquarters-Written (122)	Energy Audit_Phase 1 & 2_Headquarters_Dairy operation Only certified Technical Service Providers (TSPs) qualify for payment.	Au	\$15.90
310	Bedding (310)	Building ridges separated by shallow, parallel channels in areas flat or nearly flat topography with poorly drained soils; equipment, mobilization and labor.	Acre	\$24.75
313	Waste Storage Facility (313)	Pond construction (excavation/fill), materials (pipe, rock, gravel, concrete, etc.).	CuYd	\$12.10
313	Waste Storage Facility (313)	Tank, reinforced concrete construction, materials, equipment, mobilization and labor.	CuYd	\$368.00
313	Waste Storage Facility (313)	Stacking facility construction, 3 walls concrete structure with roof (metal/galvalum), materials, equipment, mobilization and labor.	SqFt	\$37.00
314	Brush Management (314)	Hand clearing/Chemical_ woody invasion, equipment, mobilization and labor. Payment is for three (3) consecutive years.	Acre	\$206.70
314	Brush Management (314)	Chemical control: woody invasion, equipment, mobilization and labor. Payment is for three (3) consecutive years.	Acre	\$80.90
315	Herbaceous Weed Control (315)	Chemical Herbaceous weed control with chemicals (glyphosate). Two herbicide application. Payment is for two (2) consecutive years.	Acre	\$100.67
315	Herbaceous Weed Control (315)	Machinery/Oxen Herbaceous weed control with chemicals (glyphosate). Two herbicide application and one harrow pass. Payment is for two (2) consecutive years.	Acre	\$222.17
317	Composting Facility (no)	Structure Concrete, Reinforced and Non Reinforced; Earth Moving Hand Made/Machine	Cu. Yd.	\$37.00
320	Irrigation Canal or Lateral (320)	Earth canal, construction/restoration, equipment, mobilization and labor.	CuYd	\$8.20
324	Deep Tillage (324)	Subsoiling/Chiseling with machinery (less than 20% slope), to break soil compaction equipment, mobilization and labor.	Acre	\$56.30
326	Clearing & Snagging (Ft)	Removing snags, drifts, or other obstructions that impedes the proper functioning of a stream channel or water course	Lin. Ft.	\$65.10
328	Conservation Crop Rotation (328)	Crop rotation, Idle ≥ 6 Months.	Acre	\$152.10
329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329)	Chemical or manual, materials, equipment, mobilization and labor.	Acre	\$209.30
330	Contour Farming (330)	Machinery (< 20% slope) low ridge (8") contour plowing or farming, equipment, mobilization and labor.	Acre	\$93.40
330	Contour Farming (330)	Oxen high ridge (>8") contour plowing or farming for root crop, equipment, mobilization and labor.	Acre	\$308.00
330	Contour Farming (330)	Oxen low ridge (<8") contour plowing or farming equipment, mobilization and labor.	Acre	\$195.00
330	Contour Farming (330)	Field Layout-Arrangement Contour plow or contour farming of selected crop around the hill, labor.	Acre	\$42.00
331	Contour Orchard and other Perennial Crops (331)	Field Layout-Arrangement-Contour plow or contour farming of fruits, orchards and other tropical small fruit across a slope, labor.	Acre	\$70.20
340	Cover Crop (340)	Establish grasses, legumes and forbs for temporary cover using oxen or machinery< 20% slope).	Acre	\$44.90
342	Critical Area Planting (342)	Sod to stabilize an area after a structure construction. Includes shaping, earth moving, materials, mobilization and installation.	Sq ft	\$0.50
342	Critical Area Planting (342)	Seeding, includes re-shaping and earthmoving, materials, equipment, mobilization, labor and installation.	Acre	\$811.80
342	Critical Area Planting (342)	Tree Planting - materials, equipment, mobilization and labor.	Acre	\$2,522.00
345	Residue Management, Mulch Till (345)	Using disking (>20% slope) one or two tillage passes. After planting, at least one third (33%) of the soil surface remain cover with residues materials, equipment, mobilization and labor.	Acre	\$234.30
345	Residue Management, Mulch Till (345)	Using oxen one or two tillage passes. After planting, at least one third (33%) of the soil surface remain cover with residues materials, equipment, mobilization and labor.	Acre	\$249.30
345	Residue Management, Mulch Till (345)	Chemical & furrowing-plow, One application of herbicide/one or two furrow passes, 33% of the soil surface remain cover with residues, materials, equipment, mobilization and labor.	Acre	\$231.20
362	Diversion (362)	Diversion construction (excavation/fill), equipment, labor and mobilization.	Cu Yd	\$4.50
378	Pond (378)	Pond construction (excavation/fill), materials, (pipe, rock, gravel, concrete, etc.) equipment, mobilization and labor.	CuYd	\$13.00
379	Multi-Story Cropping (379)	Plant trees or shrubs that are managed as an overstory, materials, equipment, mobilization and labor.	No.	\$11.00

381	Silvopasture Establishment (381)	Planting trees on existing pastures with tree guard made of goat wire, materials, equipment, mobilization and labor.	No.	\$51.80
382	Fence (382)	Goat or Barbed Wire w/ Treated Wood or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Ln Ft	\$3.40
382	Fence (382)	Live post (stake), Goat or Barbed Wire w/ Treated Wood or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Ln Ft	\$4.10
391	Riparian Forest Buffer (391)	Plant Material and Establishment, materials, equipment, mobilization and labor.	No.	\$11.00
391	Riparian Forest Buffer (391)	Natural regeneration, manage of invasive species, materials, equipment, mobilization and labor. Payment for (3) three consecutive years	Acre	\$100.00
393	Filter Strip (393)	Plant Material, Site Preparation and Establishment Seeding or Sprigging, materials, equipment, mobilization and labor.	Acre	\$1,299.60
412	Grassed Waterway (412)	Channel construction and establishment of suitable vegetation, materials, equipment, mobilization and labor.	Acre	\$17,747.40
423	Hillside Ditch (423)	Hand excavated Construction of a ditch, labor.	Acre	\$492.00
430	Irrigation Pipeline (430)	PVC pipeline 2-4" dia., water/waste conveyance, materials & installation. Convey water from water source to reservoir (all other pipeline required for irrigation system included in Practice 441).	Lb.	\$3.70
430	Irrigation Pipeline (430)	PVC pipeline 6-10" dia., water/waste conveyance, materials & installation.	Lb.	\$2.50
430	Irrigation Pipeline (430)	PVC pipeline 12-18" dia., water/waste conveyance, materials & installation. Convey water from water source to reservoir (all other pipeline required for irrigation included in Practice 441).	Lb.	\$2.00
436	Irrigation Reservoir (436)	Reservoir (Pond) construction (excavation/fill) to store and regulate a water supply for irrigation, materials (pipe, rock, gravel, concrete, etc.), equipment, mobilization and labor.	Cu. Yd.	\$8.80
436	Irrigation Reservoir (436)	Plastic tank to store and regulate a water supply for irrigation, materials (tank and fittings), installation and mobilization.	Gal.	\$0.68
436	Irrigation Reservoir (436)	Flow meter box, construction of a reinforced concrete box and a connection to the main irrigation canal to regulate or store a supply water for irrigation. Material, equipment, labor and mobilization	No.	\$6,475.20
441	Irrigation System, Microirrigation (441)	Install of Drip-Tape system, materials (tape, PVC pipeline, valves, fittings, filter, etc.), equipment, mobilization & labor. Not included pump, power and water source.	Acre	\$1,372.50
441	Irrigation System, Microirrigation (441)	Install PE tubing system, materials (PE tubing, emitters, PVC pipeline, valves, fittings, filter, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$1,443.90
441	Irrigation System, Microirrigation (441)	Irrigation System Repair/Upgrade - Control Station Replace an under performing irrigation system control station and filter unit. Includes filter, piping, valves, fittings and labor.	Acre	\$144.00
442	Irrigation System, Sprinkler (442)	Install Traveler system (Hard Hose), materials (PVC pipeline, valves, fittings, guns, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$1,284.30
442	Irrigation System, Sprinkler (442)	Install Portable Big Gun system, materials (PVC pipeline, valves, fittings, guns, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$1,411.50
442	Irrigation System, Sprinkler (442)	Install Fixed system, materials (PVC pipeline, valves, fittings, guns, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$1,379.25
447	Irrigation System, Tailwater Recovery (447)	Constructing facilities for the collection of irrigation tailwater that can be an integral part of irrigation systems recovering runoff of sprinkle irrigated land.	CuYd	\$10.40
449	Irrigation Water Management (449)	Includes record keeping (crop grown, irrigation dates, inches of irrigation, set length & inches of rainfall), soil moisture determined by feel or sensors, control & monitoring of irrigation water.	Acre	\$0.90
460	Land Clearing (460)	Machinery for structural practice, equipment, labor and mobilization.	Acre	\$225.00
466	Land Smoothing (466)	Removing irregularities on the land surface, to improve surface drainage, provide for more uniform cultivation. (Mobilization, and equipment)	Acre	\$130.00
472	Access Control (472)	Goat or Barbed Wire w/treated post or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Lin. Ft.	\$3.40
472	Access Control (472)	Live post (Stake) Goat or Barbed Wire w/treated post or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Lin Ft	\$4.10
484	Mulching (484)	Straw mulching (bales), erosion control, 2 to 4 inches cover depth, materials, equipment, mobilization and labor.	Acre	\$242.20
490	Tree/Shrub Site Preparation (490)	Chemical, improves site conditions for establishing/planting trees & shrubs, materials, equipment, mobilization and labor.	No.	\$0.30
490	Tree/Shrub Site Preparation (490)	Hand treating (hoe, machete, other), improves site conditions for establishing/planting trees & shrubs, equipment, mobilization and labor.	No.	\$2.40
490	Tree/Shrub Site Preparation (490)	Chemical and Hand treating , improves site conditions for establishing/planting trees & shrubs, equipment, mobilization and labor.	No.	\$2.70
511	Forage Harvest Management	Taking sample for forage analysis- Labor and material	Acre	\$1.30
512	Forage and Biomass Planting (512)	Seeding & Sprigging, Machinery <20% slope with chemical, Site Preparation/Establishment, materials, equipment, mobilization and labor.	Acre	\$262.80
512	Forage and Biomass Planting (512)	Seeding & Sprigging, No machinery, (oxen) Plant Material, Site Preparation/Establishment, materials, equipment, mobilization and labor.	Acre	\$398.70
516	Pipeline (516)	Plastic (PVC Schedule 40) 1/2 to 3/4 inch diameter pipeline, install from a storage tank to trough, and/or from trough to trough.	Lb.	\$8.50
516	Pipeline (516)	Plastic (PVC Schedule 40) 1 to 2 inch diameter pipeline, install to deliver water from a water source to a storage facility.	Lb.	\$6.10

521A	Pond Sealing or Lining, Flexible Membrane (521A)	Installation of plastic mesh lining for a farm pond, material, equipment, labor and mobilization.	Sq. Ft.	\$1.40
527	Karst Sinkhole Treatment (527)	Establishment or management vegetation buffer of 25 ft wide around the rim of a sinkhole to reduce contamination. The sinkhole and surrounding buffer will be fenced.	No.	\$677.00
527	Karst Sinkhole Treatment (527)	Obstructions removal and establishment or management vegetation buffer 25 ft wide around the rim to reduce contamination. The sinkhole/surrounding buffer will be fenced. Work includes	No.	\$1,568.00
528	Prescribed Grazing (528)	Establishment and management of appropriate grazing schedule: Proper Stocking Rate-forage height (6 to 10 inches)-resting period (18-25 days) Record Keeping. One payment per acre/contract.	Acre	\$1.20
533	Pumping Plant (533)	Pump-Deep Well-up to 10 HP, equipment (pump, motor and control box). Delivery, wiring and installation included.	Hp	\$595.00
533	Pumping Plant (533)	Deep Well up to 10 HP/Station, equipment: pump/motor/control box. Delivery, wiring, installation included. Pumping Station: reinforced concrete floor, masonry wall, galvalum/metal roof.	Hp	\$1,580.00
533	Pumping Plant (533)	Pump-Standard centrifugal up to 30 HP, equipment (pump, motor and control box). Delivery, installation and connection to pipeline included.	Hp	\$517.00
533	Pumping Plant (533)	Pumping Standard Centrifugal 30HP max/Station, equipment (pump./motor/fuse box). Delivery/wiring/installation/pipeline connect. Station reinforced concrete floor, masonry wall, galvalum/metal roof.	Hp	\$826.00
533	Pumping Plant (533)	Pump-Irrigation, equipment (pump, motor and control box). Delivery, wiring, installation and connection to pipeline included.	Hp	\$296.00
533	Pumping Plant (533)	Pump Irrigation/Station, equipment (pump, motor and control box). Delivery, wiring and installation included. Station: reinforced concrete floor/masonry wall/galvalum/metal roof.	Hp	\$438.00
548	Grazing Land Mechanical Treatment (548)	Chiseling, Machinery or Oxen \leq 30% slope, equipment, labor and mobilization.	Acre	\$119.00
557	Row Arrangement (557)	Establishing crop rows in direction, grade and length to provide drainage & erosion control (<20% slope), equipment, labor and mobilization.	Acre	\$93.00
558	Roof Runoff Structure (558)	Gutters and pipes to move rain water away from structures. Cost includes materials and installation.	Lin. Ft.	\$1.80
561	Heavy Use Area Protection (561)	Concrete pad (6" thick) under high-use area, on wet soils, materials, equipment, mobilization and labor.	Sq. Ft.	\$8.50
561	Heavy Use Area Protection (561)	Gravel pad (1" thick) under high-use area, on wet soils, materials, equipment, mobilization and labor.	Sq. Ft.	\$4.00
561	Heavy Use Area Protection (561)	Gabion pad (9" thick) under high-use area, on wet soils, materials, equipment, mobilization and labor.	Sq. Ft.	\$6.50
574	Spring Development (574)	Installation of a collection pipe that will convey water to a collection box and into a storage tank, materials, installation, labor and mobilization.	No.	\$3,689.00
578	Stream Crossing (578)	Ford structure in gabion mattresses, materials (baskets, ties, rock, geotextile and foundation material - stone, gravel, sand), equipment, labor and mobilization.	Sq. Ft.	\$16.60
578	Stream Crossing (578)	Ford structure in concrete (6" thick), materials (concrete, reinforcement, geotextile and foundation material - stone, gravel, sand), equipment, labor and mobilization.	Sq. Ft.	\$22.10
580	Streambank and Shoreline Protection (580)	Treatment(s) using rip-rap and vegetation to stabilize and protect streambank.	Ln Ft	\$263.50
580	Streambank and Shoreline Protection (580)	Treatment(s) using gabion wall and vegetation to stabilize and protect streambank.	Ln Ft	\$269.80
582	Open Channel (582)	Excavation of earth channel for water management purposes, equipment, labor and mobilization.	Cu. Yd.	\$8.20
590	Nutrient Management (590)	Soil amendments (Lime), materials, equipment, mobilization and labor.	Acre	\$22.00
590	Nutrient Management (590)	NPK application/soil test/record keeping	Acre	\$12.00
595	Integrated Pest Management (595)	IPM_ Integrated Pest Management Record keeping, scouting for pest management implementation.	Acre	\$26.20
601	Vegetative Barrier (601)	Cuttings or Seedlings, planting, materials, equipment, mobilization and labor.	Lin. Ft.	\$3.93
603	Herbaceous Wind Barriers (603)	Cuttings or Seedlings, planting, (double row) materials, equipment, mobilization and labor.	Lin. Ft.	\$0.50
612	Tree/Shrub Establishment (612)	Tree Establishment (Per Tree), materials, equipment, mobilization and labor.	No.	\$11.00
612	Tree/Shrub Establishment (612)	Establishing tree species by cuttings- live posts (stakes) at recommended distance, materials, equipment, mobilization and labor.	No.	\$3.73
614	Watering Facility (614)	Construction of storage tank and troughs for watering facility, materials, equipment, labor & mobilization.	Cu. Yd.	\$368.00
614	Watering Facility (614)	Installation of plastic tank to store water supply for watering facility, materials (tank and fittings), equipment, labor & mobilization.	Gal.	\$0.68
632	Solid/Liquid Waste Separation Facility (632)	Concrete/masonry settling tank with roof (metal/galvalum), materials, equipment, labor & mobilization.	Sq. Ft.	\$37.00
633	Waste Utilization (633)	includes liquid manure application rate, application scheduling ,record keeping, sampling and monitoring.	No.	\$207.90
633	Waste Utilization (633)	includes solid manure application rate, application scheduling, record keeping, sampling and monitoring.	No.	\$333.50
634	Waste Transfer (634)	Manure irrigation system, materials (PVC pipeline, valves, fittings, guns, etc), equipment (includes slurry pump and motor), labor & mobilization. Not included external power source nor water source.	Acre	\$4,072.00
634	Waste Transfer (634)	Conduit-Concrete ditch or Plastic Pipe , materials and installation.	Lin. Ft.	\$6.70

634	Waste Transfer (634)	Screw conveyor with concrete trusts, materials and installation.	Lin. Ft.	\$241.00
638	Water and Sediment Control Basin (638)	Construction of a water and sediment control basin, materials, equipment, labor and mobilization.	Cu. Yd.	\$8.40
642	Water Well (642)	Water well, drilling, installation and well pumping test.	Ft.	\$36.00
660	Tree/Shrub Pruning (660)	Tree Pruning to provide wildlife with more food and shelter. Sharp saws and shears are used. Commercial cut is not eligible for program funding.	No.	\$45.00
660	Tree/Shrub Pruning (660)	##### ##	No.	\$0.56
666	Forest Stand Improvement (666)	Thinning, Non-Commercial _Remove selected trees and understory by cutting or killing, using chain saw and/or spot treatment.	Acre	\$166.50
737	Reduced Water and Energy Conveyance System (737)	Machine 1200/1500 Kg/hr, to process coffee with a reduced amount of water and energy, equipment and installation. Max. 4 unit	No.	\$13,789.00
751	Individual Terrace (751)	Construction of small rounded platform for tree and shrub planting on very steep slopes (>15%).	No.	\$0.54
753	Infiltration Ditch (753)	Construction of infiltration ditches, equipment, labor and mobilization.	Cu. Yd.	\$8.20

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102	Comprehensive Nutrient Management Plan-Written (102)	Comprehensive Nutrient Management Plan (CNMP)-Written. Only certified Technical Service Providers (TSPs) qualify for payment.	No.	\$3,480.00
106	Forest Management Plan-Written (106)	Forest Management Plan < 50 acre -Written Only certified Technical Service Providers (TSPs) qualify for payment.	No.	\$1,260.00
106	Forest Management Plan-Written (106)	Forest Management Plan 50- 100 acre -Written Only certified Technical Service Providers (TSPs) qualify for payment.	No.	\$2,310.00
106	Forest Management Plan-Written (106)	Forest Management Plan >100 acre -Written Only certified Technical Service Providers (TSPs) qualify for payment.	No.	\$3,150.00
122	Agricultural Energy Management Plan, Headquarters-Written (122)	Energy Audit_Phase 1 & 2_Headquarters_Dairy operation Only certified Technical Service Providers (TSPs) qualify for payment.	Au	\$13.30
310	Bedding (310)	Building ridges separated by shallow, parallel channels in areas flat or nearly flat topography with poorly drained soils; equipment, mobilization and labor.	Acre	\$20.60
313	Waste Storage Facility (313)	Pond construction (excavation/fill), materials (pipe, rock, gravel, concrete, etc.).	CuYd	\$10.10
313	Waste Storage Facility (313)	Tank, reinforced concrete construction, materials, equipment, mobilization and labor.	CuYd	\$307.00
313	Waste Storage Facility (313)	Stacking facility construction, 3 walls concrete structure with roof (metal/galvalum), materials, equipment, mobilization and labor.	SqFt	\$31.00
314	Brush Management (314)	Hand clearing/Chemical_ woody invasion, equipment, mobilization and labor. Payment is for three (3) consecutive years.	Acre	\$172.30
314	Brush Management (314)	Chemical control: woody invasion, equipment, mobilization and labor. Payment is for three (3) consecutive years.	Acre	\$67.40
315	Herbaceous Weed Control (315)	Chemical Herbaceous weed control with chemicals (glyphosate). Two herbicide application. Payment is for two (2) consecutive years.	Acre	\$83.90
315	Herbaceous Weed Control (315)	Machinery/Oxen Herbaceous weed control with chemicals (glyphosate). Two herbicide application and one harrow pass. Payment is for two (2) consecutive years.	Acre	\$185.10
317	Composting Facility (no)	Structure Concrete, Reinforced and Non Reinforced; Earth Moving Hand Made/Machine	Cu. Yd.	\$31.00
320	Irrigation Canal or Lateral (320)	Earth canal, construction/restoration, equipment, mobilization and labor.	CuYd	\$6.90
324	Deep Tillage (324)	Subsoiling/Chiseling with machinery (less than 20% slope), to break soil compaction equipment, mobilization and labor.	Acre	\$46.90
326	Clearing & Snagging (Ft)	Removing snags, drifts, or other obstructions that impedes the proper functioning of a stream channel or water course	Lin. Ft.	\$54.20
328	Conservation Crop Rotation (328)	Crop rotation, Idle ≥ 6 Months.	Acre	\$126.80
329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329)	Chemical or manual, materials, equipment, mobilization and labor.	Acre	\$174.40
330	Contour Farming (330)	Machinery (< 20% slope) low ridge (8') contour plowing or farming, equipment, mobilization and labor.	Acre	\$77.80
330	Contour Farming (330)	Oxen high ridge (>8') contour plowing or farming for root crop, equipment, mobilization and labor.	Acre	\$257.00
330	Contour Farming (330)	Oxen low ridge (<8') contour plowing or farming equipment, mobilization and labor.	Acre	\$163.00
330	Contour Farming (330)	Field Layout-Arrangement Contour plow or contour farming of selected crop around the hill, labor.	Acre	\$35.00
331	Contour Orchard and other Perennial Crops (331)	Field Layout-Arrangement-Contour plow or contour farming of fruits, orchards and other tropical small fruit across a slope, labor.	Acre	\$58.50
340	Cover Crop (340)	Establish grasses, legumes and forbs for temporary cover using oxen or machinery< 20% slope).	Acre	\$37.40
342	Critical Area Planting (342)	Sod to stabilize an area after a structure construction. Includes shaping, earth moving, materials, mobilization and installation.	Sq ft	\$0.40
342	Critical Area Planting (342)	Seeding, includes re-shaping and earthmoving, materials, equipment, mobilization, labor and installation.	Acre	\$676.50
342	Critical Area Planting (342)	Tree Planting - materials, equipment, mobilization and labor.	Acre	\$2,101.90
345	Residue Management, Mulch Till (345)	Using disking (>20% slope) one or two tillage passes. After planting, at least one third (33%) of the soil surface remain cover with residues materials, equipment, mobilization and labor.	Acre	\$195.20
345	Residue Management, Mulch Till (345)	Using oxen one or two tillage passes. After planting, at least one third (33%) of the soil surface remain cover with residues materials, equipment, mobilization and labor.	Acre	\$207.80
345	Residue Management, Mulch Till (345)	Chemical & furrowing-plow, One application of herbicide/one or two furrow passes, 33% of the soil surface remain cover with residues, materials, equipment, mobilization and labor.	Acre	\$192.70
362	Diversion (362)	Diversion construction (excavation/fill), equipment, labor and mobilization.	Cu Yd	\$3.75
378	Pond (378)	Pond construction (excavation/fill), materials, (pipe, rock, gravel, concrete, etc.) equipment, mobilization and labor.	CuYd	\$10.90
379	Multi-Story Cropping (379)	Plant trees or shrubs that are managed as an overstory, materials, equipment, mobilization and labor.	No.	\$9.20

381	Silvopasture Establishment (381)	Planting trees on existing pastures with tree guard made of goat wire, materials, equipment, mobilization and labor.	No.	\$43.10
382	Fence (382)	Goat or Barbed Wire w/I treated Wood or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Ln Ft	\$2.84
382	Fence (382)	Live post (stake),Goat or Barbed Wire w/I treated Wood or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Ln Ft	\$3.40
391	Riparian Forest Buffer (391)	Plant Material and Establishment, materials, equipment, mobilization and labor.	No.	\$9.20
391	Riparian Forest Buffer (391)	Natural regeneration, manage of invasive species, materials, equipment, mobilization and labor. Payment for (3) three consecutive years	Acre	\$83.00
393	Filter Strip (393)	Plant Material, Site Preparation and Establishment Seeding or Sprigging, materials, equipment, mobilization and labor.	Acre	\$1,083.00
412	Grassed Waterway (412)	Channel construction and establishment of suitable vegetation, materials, equipment, mobilization and labor.	Acre	\$14,789.50
423	Hillside Ditch (423)	Hand excavated Construction of a ditch, labor.	Acre	\$410.00
430	Irrigation Pipeline (430)	PVC pipeline 2-4" dia., water/waste conveyance, materials & installation. Convey water from water source to reservoir (all other pipeline required for irrigation system included in Practice 441).	Lb.	\$3.10
430	Irrigation Pipeline (430)	PVC pipeline 6-10" dia., water/waste conveyance, materials & installation.	Lb.	\$2.10
430	Irrigation Pipeline (430)	PVC pipeline 12-18" dia., water/waste conveyance, materials & installation. Convey water from water source to reservoir (all other pipeline required for irrigation included in Practice 441).	Lb.	\$1.65
436	Irrigation Reservoir (436)	Reservoir (Pond) construction (excavation/fill) to store and regulate a water supply for irrigation, materials (pipe, rock, gravel, concrete, etc.), equipment, mobilization and labor.	Cu. Yd.	\$7.40
436	Irrigation Reservoir (436)	Plastic tank to store and regulate a water supply for irrigation, materials (tank and fittings), installation and mobilization.	Gal.	\$0.57
436	Irrigation Reservoir (436)	Flow meter box, construction of a reinforced concrete box and a connection to the main irrigation canal to regulate or store a supply water for irrigation. Material, equipment, labor and mobilization	No.	\$5,396.00
441	Irrigation System, Microirrigation (441)	Install of Drip-Tape system, materials (tape, PVC pipeline, valves, fittings, filter, etc.), equipment, mobilization & labor. Not included pump, power and water source.	Acre	\$1,143.75
441	Irrigation System, Microirrigation (441)	Install PE tubing system, materials (PE tubing, emitters, PVC pipeline, valves, fittings, filter, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$1,203.25
441	Irrigation System, Microirrigation (441)	Irrigation System Repair/Upgrade - Control Station Replace an under performing irrigation system control station and filter unit. Includes filter, piping, valves, fittings and labor.	Acre	\$120.00
442	Irrigation System, Sprinkler (442)	Install Traveler system (Hard Hose), materials (PVC pipeline, valves, fittings, guns, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$1,070.30
442	Irrigation System, Sprinkler (442)	Install Portable Big Gun system, materials (PVC pipeline, valves, fittings, guns, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$1,176.30
442	Irrigation System, Sprinkler (442)	Install Fixed system, materials (PVC pipeline, valves, fittings, guns, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$1,149.40
447	Irrigation System, Tailwater Recovery (447)	Constructing facilities for the collection of irrigation tailwater that can be an integral part of irrigation systems recovering runoff of sprinkle irrigated land.	CuYd	\$9.00
449	Irrigation Water Management (449)	Includes record keeping (crop grown, irrigation dates, inches of irrigation, set length & inches of rainfall), soil moisture determined by feel or sensors, control & monitoring of irrigation water.	Acre	\$0.75
460	Land Clearing (460)	Machinery for structural practice, equipment, labor and mobilization.	Acre	\$187.50
466	Land Smoothing (466)	Removing irregularities on the land surface, to improve surface drainage, provide for more uniform cultivation. (Mobilization, and equipment)	Acre	\$108.30
472	Access Control (472)	Goat or Barbed Wire w/treated post or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Lin. Ft.	\$2.84
472	Access Control (472)	Live post (Stake) Goat or Barbed Wire w/treated post or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Lin Ft	\$3.40
484	Mulching (484)	Straw mulching (bales), erosion control, 2 to 4 inches cover depth, materials, equipment, mobilization and labor.	Acre	\$201.90
490	Tree/Shrub Site Preparation (490)	Chemical, improves site conditions for establishing/planting trees & shrubs, materials, equipment, mobilization and labor.	No.	\$0.26
490	Tree/Shrub Site Preparation (490)	Hand treating (hoe, machete, other), improves site conditions for establishing/planting trees & shrubs, equipment, mobilization and labor.	No.	\$2.00
490	Tree/Shrub Site Preparation (490)	Chemical and Hand treating , improves site conditions for establishing/planting trees & shrubs, equipment, mobilization and labor.	No.	\$2.23
511	Forage Harvest Management	Taking sample for forage analysis- Labor and material	Acre	\$1.10
512	Forage and Biomass Planting (512)	Seeding & Sprigging, Machinery <20% slope with chemical, Site Preparation/Establishment, materials, equipment, mobilization and labor.	Acre	\$219.00
512	Forage and Biomass Planting (512)	Seeding & Sprigging, No machinery, (oxen) Plant Material, Site Preparation/Establishment, materials, equipment, mobilization and labor.	Acre	\$332.25
516	Pipeline (516)	Plastic (PVC Schedule 40) 1/2 to 3/4 inch diameter pipeline, install from a storage tank to trough, and/or from trough to trough.	Lb.	\$7.10
516	Pipeline (516)	Plastic (PVC Schedule 40) 1 to 2 inch diameter pipeline, install to deliver water from a water source to a storage facility.	Lb.	\$5.10

521A	Pond Sealing or Lining, Flexible Membrane (521A)	Installation of plastic mesh lining for a farm pond, material, equipment, labor and mobilization.	Sq. Ft.	\$1.20
527	Karst Sinkhole Treatment (527)	Establishment or management vegetation buffer of 25 ft wide around the rim of a sinkhole to reduce contamination. The sinkhole and surrounding buffer will be fenced.	No.	\$564.00
527	Karst Sinkhole Treatment (527)	Obstructions removal and establishment or management vegetation buffer 25 ft wide around the rim to reduce contamination. The sinkhole/surrounding buffer will be fenced. Work includes	No.	\$1,306.00
528	Prescribed Grazing (528)	Establishment and management of appropriate grazing schedule: Proper Stocking Rate-forage height (6 to 10 inches)-resting period (18-25 days) Record Keeping. One payment per acre/contract.	Acre	\$1.00
533	Pumping Plant (533)	Pump-Deep Well-up to 10 HP, equipment (pump, motor and control box). Delivery, wiring and installation included.	Hp	\$496.00
533	Pumping Plant (533)	Deep Well up to 10 HP/Station, equipment: pump/motor/control box. Delivery, wiring, installation included. Pumping Station: reinforced concrete floor, masonry wall, galvalum/metal roof.	Hp	\$1,316.00
533	Pumping Plant (533)	Pump-Standard centrifugal up to 30 HP, equipment (pump, motor and control box). Delivery, installation and connection to pipeline included.	Hp	\$431.00
533	Pumping Plant (533)	Pumping Standard Centrifugal 30HP max/Station, equipment (pump,/motor/fuse box). Delivery/wiring/installation/pipeline connect. Station reinforced concrete floor, masonry wall, galvalum/metal roof.	Hp	\$689.00
533	Pumping Plant (533)	Pump-Irrigation, equipment (pump, motor and control box). Delivery, wiring, installation and connection to pipeline included.	Hp	\$247.00
533	Pumping Plant (533)	Pump Irrigation/Station, equipment (pump, motor and control box). Delivery, wiring and installation included. Station: reinforced concrete floor/masonry wall/galvalum/metal roof.	Hp	\$365.00
548	Grazing Land Mechanical Treatment (548)	Chiseling, Machinery or Oxen \leq 30% slope, equipment, labor and mobilization.	Acre	\$99.00
557	Row Arrangement (557)	Establishing crop rows in direction, grade and length to provide drainage & erosion control (<20% slope), equipment, labor and mobilization.	Acre	\$77.00
558	Roof Runoff Structure (558)	Gutters and pipes to move rain water away from structures. Cost includes materials and installation.	Lin. Ft.	\$1.50
561	Heavy Use Area Protection (561)	Concrete pad (6" thick) under high-use area, on wet soils, materials, equipment, mobilization and labor.	Sq. Ft.	\$7.00
561	Heavy Use Area Protection (561)	Gravel pad (1" thick) under high-use area, on wet soils, materials, equipment, mobilization and labor.	Sq. Ft.	\$3.30
561	Heavy Use Area Protection (561)	Gabion pad (9" thick) under high-use area, on wet soils, materials, equipment, mobilization and labor.	Sq. Ft.	\$5.40
574	Spring Development (574)	Installation of a collection pipe that will convey water to a collection box and into a storage tank, materials, installation, labor and mobilization.	No.	\$3,074.00
578	Stream Crossing (578)	Ford structure in gabion mattresses, materials (baskets, ties, rock, geotextile and foundation material - stone, gravel, sand), equipment, labor and mobilization.	Sq. Ft.	\$13.80
578	Stream Crossing (578)	Ford structure in concrete (6" thick), materials (concrete, reinforcement, geotextile and foundation material - stone, gravel, sand), equipment, labor and mobilization.	Sq. Ft.	\$18.40
580	Streambank and Shoreline Protection (580)	Treatment(s) using rip-rap and vegetation to stabilize and protect streambank.	Ln Ft	\$197.10
580	Streambank and Shoreline Protection (580)	Treatment(s) using gabion wall and vegetation to stabilize and protect streambank.	Ln Ft	\$224.80
582	Open Channel (582)	Excavation of earth channel for water management purposes, equipment, labor and mobilization.	Cu. Yd.	\$6.90
590	Nutrient Management (590)	Soil amendments (Lime), materials, equipment, mobilization and labor.	Acre	\$18.00
590	Nutrient Management (590)	NPK application/soil test/record keeping	Acre	\$10.00
595	Integrated Pest Management (595)	IPM_ Integrated Pest Management Record keeping, scouting for pest management implementation.	Acre	\$21.80
601	Vegetative Barrier (601)	Cuttings or Seedlings, planting, materials, equipment, mobilization and labor.	Lin. Ft.	\$3.28
603	Herbaceous Wind Barriers (603)	Cuttings or Seedlings, planting, (double row) materials, equipment, mobilization and labor.	Lin. Ft.	\$0.40
612	Tree/Shrub Establishment (612)	Tree Establishment (Per Tree), materials, equipment, mobilization and labor.	No.	\$9.20
612	Tree/Shrub Establishment (612)	Establishing tree species by cuttings- live posts (stakes) at recommended distance, materials, equipment, mobilization and labor.	No.	\$3.11
614	Watering Facility (614)	Construction of storage tank and troughs for watering facility, materials, equipment, labor & mobilization.	Cu. Yd.	\$307.00
614	Watering Facility (614)	Installation of plastic tank to store water supply for watering facility, materials (tank and fittings), equipment, labor & mobilization.	Gal.	\$0.57
632	Solid/Liquid Waste Separation Facility (632)	Concrete/masonry settling tank with roof (metal/galvalum), materials, equipment, labor & mobilization.	Sq. Ft.	\$31.00
633	Waste Utilization (633)	Includes liquid manure application rate, application scheduling ,record keeping, sampling and monitoring.	No.	\$173.00
633	Waste Utilization (633)	Includes solid manure application rate, application scheduling, record keeping, sampling and monitoring.	No.	\$277.00
634	Waste Transfer (634)	Manure irrigation system, materials (PVC pipeline, valves, fittings, guns, etc), equipment (includes slurry pump and motor), labor & mobilization. Not included external power source nor water source.	Acre	\$3,393.00
634	Waste Transfer (634)	Conduit-Concrete ditch or Plastic Pipe , materials and installation.	Lin. Ft.	\$5.60

634	Waste Transfer (634)	Screw conveyor with concrete trusts, materials and installation.	Lin. Ft.	\$201.00
638	Water and Sediment Control Basin (638)	Construction of a water and sediment control basin, materials, equipment, labor and mobilization.	Cu. Yd.	\$7.00
642	Water Well (642)	Water well, drilling, installation and well pumping test.	Ft.	\$30.00
660	Tree/Shrub Pruning (660)	Tree Pruning to provide wildlife with more food and shelter. Sharp saws and shears are used. Commercial cut is not eligible for program funding.	No.	\$37.50
660	Tree/Shrub Pruning (660)	#####	No.	\$0.28
666	Forest Stand Improvement (666)	Thinning, Non-Commercial _Remove selected trees and understory by cutting or killing, using chain saw and/or spot treatment.	Acre	\$138.75
737	Reduced Water and Energy Conveyance System (737)	Machine 1200/1500 Kg/hr, to process coffee with a reduced amount of water and energy, equipment and installation. Max. 4 unit	No.	\$11,491.00
751	Individual Terrace (751)	Construction of small rounded platform for tree and shrub planting on very steep slopes (>15%).	No.	\$0.45
753	Infiltration Ditch (753)	Construction of infiltration ditches, equipment, labor and mobilization.	Cu. Yd.	\$6.90