

FY 2015 Landscape Initiatives Policy

National Organic Initiative (NOI); National On Farm Energy Initiative (NOFEI); Season High Tunnel Initiative (NSHTI)
GEORGIA

Planned conservation practices must be maintained for the lifespan of the practice, as indicated on the NRCS-CPA-1155 or -1156. All practices must also meet the minimum criteria in the Conservation Practice Standard (see the Georgia FOTG) and the criteria listed below. Conservation practice installation above the minimum necessary to meet practice criteria are not eligible for payment. Note: Payment for some practices is only authorized when used in conjunction with another practice, as detailed in the Conservation Plan of Operation (CPO), with or without payment. The applicant is responsible for the installation, use, and maintenance of all components required in the conservation management system.

Management Practices - Management practice payments are only available on acres where the practice option has not been previously applied &/or utilized, and where there will be a higher level of management required for the requested practice option. A management practice payment is only authorized once per year within the length of the contract period for that conservation practice. Some management practices, where noted in the practice footnotes, are limited to no more than three separate management practices combined per acre.

Structural Practices - Structural practices may include vegetative components, and have a multi-year lifespan. Structural practices involve the establishment, construction, or installation of site-specific measures. Payments are established as a one-time payment. The landowner must give consent in writing or sign NRCS Consent form or be a signatory to a contract which has EQIP funds used for any structural practice.

Conservation Activity Plans (CAP) - Conservation Activity Plans are conservation plans developed for producers to assist in identifying conservation practices needed to address a specific natural resource need. CAPs are completed by NRCS certified Technical Service Providers (TSP). The list of NRCS certified TSPs is available on the NRCS TSP webpage: www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp

NOI

Practices/options offered under this EQIP Organic Initiative are available to eligible applicant(s) who are either:

(A) Certified Organic through the USDA National Organic Program (NOP): At the time of application (i.e., signing the CPA1200), Certified Organic applicants are required to provide NRCS a copy of their current organic certification, a copy of their Organic System Plan (OSP), and complete an NRCS Self-Certification Worksheet.

(B) Certification Exempt (Producers who operate under the USDA NOP certified organic rules but gross sales are less than \$5,000 annually): At the time of application (i.e., signing the CPA1200), Certification Exempt applicants are required to complete an NRCS Self-Certification Worksheet certifying that they meet the Certification Exempt criteria and agree to develop and implement an OSP. Certification Exempt applicants are ranked with Transitioning to Organic applicants. If Exempt, a copy of the Georgia Department of Agriculture's Exempt Organic Grower/ Producer Registration Application should be included in the contract file. The form is available at <http://agr.georgia.gov/organic-agriculture.aspx> and select Exempt Grower/Handler under Forms and Regulations

(C) Transitioning to Organic (Producers in the process of transitioning their land to become certified organic or certification exempt): At the time of application (i.e., signing the CPA1200), Transitioning to Organic applicants are required to complete an NRCS Self-Certification Worksheet certifying that they agree to develop and implement an OSP and provide the contact information for the certifying agent they have contacted to begin the process of transitioning to organic production. Applicants who do not provide the required information by the end of the Organic Initiative evaluation period will be deferred until the information is provided, with no guarantee of funding. NRCS is not authorized to enforce the provisions of the NOP.

NOFEI

Screening Criteria: Use of the national screening criteria is required and all eligible applications must have an assigned priority of "High", "Medium", or "Low" recorded in ProTracts.

ProTracts Energy Button: An "Energy Benefits" button is available in ProTracts to capture estimated energy savings. This button must be checked "yes" for all contract items implemented as part of NOFEI and based on the recommendations provided as part of a completed on-farm energy audit. Checking "yes" requires the user to enter the numeric values accurately in the correct units for the estimated energy savings and the reduction of greenhouse gases and air pollutants directly associated with the energy savings from the completed on-farm energy audit. If values for energy benefits are not available from an AgEMP or energy audit, they can be obtained from the COMET Farm Quick Energy tool: <http://cometfarm.nrel.colostate.edu/QuickEnergy>.

Note: The correct units for energy savings is in millions of British thermal units (MMBtu). This was previously labeled incorrectly as mBtu on the Energy Benefits button. AgEMPs may also be incorrectly labeled, but provide the correct value for energy savings in millions of Btu's. In doubt, using the COMET Farm Quick Energy tool should verify that energy savings is reported correctly.

An agency-approved worksheet has been developed to calculate an energy cost efficiency score for ranking purposes. The "Energy Cost Efficiency Worksheet" uses information from an AgEMP or other ASABE S612 compliant on-farm energy audit to calculate an energy savings to project cost score.

NSHTI

The purpose of the "Seasonal High Tunnel System for Crops" conservation practice (code 798) is to assist producers to extend the growing season for high-value crops in an environmentally safe manner. The practice has the potential to assist producers to address resource concerns by improving plant quality, improving soil quality, and reducing nutrient and pesticide transport. In fiscal year 2015, Georgia will no longer include an extent limit for the seasonal high tunnel system for crops (798) practice.

Note: The seasonal high tunnel practice is gaining recognition in many populated or urbanized areas. NRCS must consider and support all producers who submit an application regardless of where their operation is located. It is important to note that program eligibility is not limited based on zoning. There is a common misconception that areas zoned as "urban" or "residential" (or other similar zoning types) are not eligible based on the zoning classification. However, while the applicant and land may meet program eligibility requirements, zoning or other local regulation may restrict a participant from installing certain practices. Participants who carry out conservation practices are responsible for obtaining the authorities, rights, easements, permits, or other approvals necessary for the implementation, operation, and maintenance of conservation practices in keeping with the applicable laws and regulations.

Financial assistance is available through the EQIP Seasonal High Tunnel Initiative for eligible applicant(s) who request EQIP financial assistance to install a (798) Seasonal High Tunnel System for Crops, in accordance with NRCS (798) Interim Conservation Practice Standard (CPS). In addition, financial assistance for supporting practices offered under the EQIP Seasonal High Tunnel Initiative is also available to eligible applicant(s) to install supporting practices for the planned Seasonal High Tunnel or an existing Seasonal High Tunnel that was previously installed with or without EQIP financial assistance.

Operation and management will include control of internal temperatures in the early growing season, removal of plastic covers in the event of extreme weather which may compromise structure, and the account of cost associated with the high tunnel lifespan including replacement of covers and disposal of removed covers. Reimbursement will be made only after the structure is completely constructed and inspected by NRCS personnel.

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GEORGIA

Practice Code	Conservation Practice	Payment Unit	Payment Rate	Maximum Amount	HU Payment Rate	HU Maximum Amount	Lifespan
309	Agrichemical Handling Facility						15 Years
	Enclosed building, locked chemical storage room, concrete slab floor 1/	SqFt	\$18.96		\$22.76		
	Open building, locked chemical storage room, concrete slab floor 2/	SqFt	\$9.09		\$10.91		
<p>1/ Includes following components of an enclosed, roofed agrichemical handling facility: wash down station, locked chemical storage area, curbed reinforced concrete pad with collection sump area, a flexible membrane beneath concrete pad, and roof structure. Planner may add the following (if needed): critical area planting, mulch, HUA for entrance pads, and roof runoff. Building must be designed and installation certified by registered Georgia PE.</p> <p>2/ Includes following components of an open, post frame agrichemical handling facility: wash down station, locked chemical storage area, curbed reinforced concrete pad with collection sump area, and roof structure. Planner may add the following (if needed): critical area planting, mulch, HUA for entrance pads, and roof runoff. Building must be designed and installation certified by registered Georgia PE.</p>							
591	Amendment for Treatment of Aq. Waste Litter Amendments applied on a %w/w basis 1/	Ton	\$485.56		\$582.67		1 Year
<p>1/ Application rate = (((Length of House * Width of House) /1000 sf) * 75 lbs) / 2000 lbs) * Number of Houses. Limited to one application per house.</p>							
316	Animal Mortality Facility						15 Years
	Composting - Large Animals 1/	LB/Day	64.27		\$77.12		
	Composting - Small Animals 2/	LB/Day	\$12.00		\$14.40		
	Static pile, Wood Bin(s) 3/	SqFt	\$5.87		\$7.05		
<p>If applicant has a functioning composter, incinerator, or rotary drum at the farm, they are eligible for a new composter, incinerator, or rotary drum only if the capacity of the existing animal mortality facility is not sufficient to handle the volume of mortality at the farm (for example: size of operation has increased since existing animal mortality facility was purchased or constructed).</p> <p>1/ Swine, includes rotary drums and incinerators. Use the calculated total pounds/day from the Cost Estimator under the "Rotary Drum & Incinerators" tab. The value for pounds/day for this item is highlighted in yellow.</p> <p>2/ Poultry, includes rotary drums and incinerators. Use the calculated total pounds/day from the Cost Estimator under the "Rotary Drum & Incinerators" tab. The value for pounds/day for this item is highlighted in yellow.</p> <p>3/ Composters for animal mortality must use this scenario. Cost covers concrete floor, wooden walls, and any required excavation. Must add roofs and covers, concrete HUA access pad and critical area planting and mulch (if needed). Covers all types of composters (side shed, stand alone, and inside stackhouse). Area for payment is the area of concrete pad from post to post. Nutrient Management Plan required for this practice.</p>							
314	Brush Management (S)						10 Years
	Chemical - Ground Applied 1/	Acre	\$42.29		\$50.75		
	Mechanical & Chemical, Small Shrubs, Medium Infestation 2/	Acre	\$139.00		\$166.80		
	Mechanical Bush Hog 3/	Acre	\$27.95		\$33.53		
	Mechanical Roller Chopper 4/	Acre	\$51.40		\$61.68		
<p>1/ Brush management on grazed forest, or pasture thru the use of broadcast application of material using chemical(s) to reduce or remove undesirable deciduous species (brush) in uplands and other areas not in or directly adjacent to streams, ponds, or wetlands.</p> <p>2/ Removal of small woody vegetation infestations by the use of mechanical cutter, chopper or other light equipment followed by an application of low cost chemicals in low volumes.</p> <p>3/ Removal of brush by the use of mechanical cutter. See Jennifer - Hand tools (scenario)</p> <p>4/ The removal of brush by the use of chopper.</p>							
672	Building Envelope Improvement						10 Years
	Building Envelope - Attic Insulation 1/	SqFt	\$0.47	\$ 20,000.00	\$0.57	\$ 20,000.00	
	Building Envelope - Greenhouse Screens 2/	SqFt	\$1.42	\$ 10,000.00	\$1.71	\$ 10,000.00	
	Building Envelope - Sealant 3/	Ft	\$1.00	\$ 10,000.00	\$1.21	\$ 10,000.00	
	Building Envelope - Wall Insulation 4/	SqFt	\$1.15	\$ 20,000.00	\$1.39	\$ 20,000.00	
	Greenhouse - Insulate Unglazed Walls 5/	SqFt	\$0.21	\$ 10,000.00	\$0.26	\$ 10,000.00	
<p>Practice must be a recommended practice in a Type 2 energy audit meeting the requirements of ANSI/ASABE S 612, Completing An On Farm Energy Audit. The energy audit must have been completed within the last 4 years. Applicant must have certified audit completed before contract ranking to be eligible. Area Engineer will review all Farm Energy Improvement applications. Designs, when required, will be completed by third parties (Registered PE, etc). All electrical practices requiring electrical wiring will be completed by licensed electrician. The licensed installer will provide certification that the work was completed in accordance with local codes. Landowner will provide material specifications which are used for these practices in order to certify that the material requirements in the energy audit are achieved; and, self-certification that these measures were installed in the correct quantities. Energy Savings for each practice must be included in the energy audit and these energy savings must be entered into protracts during ranking. Lifespan should be considered when selecting item to cost share; Payback of Energy Savings must not exceed 15 years per item.</p> <p>1/ Based upon a minimum R-7 insulation in addition to existing attic/ceiling.</p> <p>2/ Mechanical screens for greenhouse to control heat loss and gain.</p> <p>3/ Payment for linear foot of gap sealed by professional contractor</p> <p>4/ Payment based on square foot of wall insulated. Typically only a portion of the wall height is insulated (4 to 6'). The portion of the wall where exhaust fans are located is not insulated. There are 2 approved methods of insulation: 1. metal exterior, 3.5" fiberglass batts (R-11), vapor barrier, & interior plywood or OSB sheathing or 2. closed-cell polyurethane foam application (minimum 1" thickness (R-7) of 2.5 lbs/cu.ft. or higher density, (3.0 or higher density preferred) with a form of physical protective barrier on lower 2' (may be 6 lbs/cu.ft. or higher density 1/8" thick foam, or treated lumber)</p> <p>5/ Cellulose or bubble insulation for roof or walls</p>							
372	Combustion System Improvement						10 Years
	Electric Motor in-lieu of IC Engine, greater than or equal to 100 h	HP	\$65.51		\$78.62		

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	Electric Motor in-lieu of IC Engine, less than 100 hp 2/	Each	\$5,005.24		\$6,006.29		
	Electric Motor/Centrifugal Pump in-lieu of IC Engine, < 100 hp 3/	Each	\$7,413.92		\$8,896.70		
<p>Documentation requirements include; picture of the pumping unit being replaced that shows the pump model and capacity; total Dynamic Head calculations used by the dealer to determine the required size of the new pump and/or motor; picture of the new pumping unit showing model, serial number and capacity; new pump must be installed on concrete pad. Must be submitted by Certified Irrigation Designer (CID), Georgia PE, or Area Engineer. Documentation that engine has been replaced and evidence (i.e. picture) that an older engine was destroyed or salvaged. NRCS must complete energy savings calculation and enter in protract for ranking. Payment will be made for the motor size required by the design or to next largest commercially available pump (ie 48 hp would be a 50 hp motor).</p> <p>1/ Well or Surface water 2/ Well 3/ Surface Water</p>							
317	Composting Facility						
	Composter, whole concrete floor, no bins, organic 1/	SqFt	\$2.12		\$2.55		15 Years
	Composter, whole concrete floor, wood or concrete bins 2/	SqFt	\$4.33		\$5.20		
	concrete floor, outer wood wall no bins 3/	SqFt	\$3.70		\$4.44		
<p>Only for non animal mortality composting (manure, ag by products). Use 316 scenario for dead animal composting.</p> <p>1/2/3/ Add roof (if needed), critical area planting, mulch and HUA for entrance pad. Pay based on square foot of concrete pad post to post area.</p>							
327	Conservation Cover						
	Legume 1/	Acre	\$178.43	\$ 27,000.00	\$214.11	\$ 27,000.00	3 Years
	Native Grass 2/	Acre	\$183.83		\$220.60		
	Pollinator Habitat 3/	Acre	\$383.24		\$459.89		
<p>1/ Orchard and groves needing permanent protective cover in the alleyway. Practice payment limit of \$27,000. Limited to 2 years. 2/ This practice applies on land to be retired from agricultural production and on other lands needing permanent protective cover. 3/ Permanent vegetation, including mix of native grasses, legume, forbs (mix may also include non-native species), established on any land needing permanent vegetative cover that provides habitat for pollinators. See Job sheet specification on planting mix.</p>							
328	Conservation Crop Rotation						
	Specialty Crops 1/	Acre	\$16.33		\$19.59		1 Year
<p>1/ The rotation established adds higher residue crop(s) to the rotation that reduce erosion, improve soil quality, and break pest cycles.</p>							
340	Cover Crop						
	Cover Crop-Chemical Kill 1/	Acre	\$60.26	\$ 24,000.00	\$72.31	\$ 24,000.00	1 Year
	Legume-N Fixation 2/	Acre	\$70.67		\$84.81		
	Mix 3/	Acre	\$75.85	\$ 15,000.00	\$91.02	\$ 15,000.00	
	Organic Cover Crop 4/	Acre	\$75.21		\$90.25		
	Organic Legume 5/	Acre	\$120.56		\$144.68		
<p>1/ The cover crop should be allowed to generate as much biomass as possible, without delaying planting of the following crop. The cover crop will be terminated using an approved herbicide a minimum of 3 weeks prior to planting the subsequent crop. Limited to \$24,000 up to 2 years. 2/ The cover crop should be allowed to generate as much biomass as possible, without delaying planting of the following crop. The cover crop will be terminated using a mechanical kill method (mowing, rolling, undercutting, etc.), a minimum of 3 weeks prior to planting the subsequent crop. 3/ The cover crop will consist of 3 to 4 species including cereal grains, legumes, and tillage radishes. Limited to \$15,000 up to 2 years. 4/ The cover crop should be allowed to generate as much biomass as possible, without delaying planting of the following crop. The cover crop will be terminated using a mechanical kill method (mowing, rolling, undercutting, etc.), a minimum of 3 weeks prior to planting the subsequent crop. This scenario REQUIRES use of Certified Organic Seed. 5/ The cover crop should be allowed to generate as much biomass as possible, without delaying planting of the following crop. The cover crop will be terminated using a mechanical kill method (mowing, rolling, undercutting, etc.), a minimum of 3 weeks prior to planting the subsequent crop. This scenario REQUIRES use of Certified Organic Seed.</p>							
342	Critical Area Planting						
	Grass Hydroseeding 1/	Acre	\$1,181.67		\$1,418.00		10 Years
	Introduced Grass light tillage	Acre	\$413.15		\$495.78		
	Native seeding - light tillage	Acre	\$351.38		\$421.65		
<p>1/Establishment of permanent vegetation on a site that is void or nearly void of vegetation due to a natural occurrence or a newly constructed conservation practice. Costs include hydroseeding steep areas, grass seed, companion crop, and fertilizer and lime with application.</p>							
362	Diversion						
	Diversion 1/	Ft	\$1.68		\$2.02		10 Years
<p>1/ Includes grading and shaping. Need to add critical area planting and mulching (if needed)</p>							
647	Early Successional Habitat Development/ Management						
	Disking 1/	Acre	\$26.52		\$31.82		1 Year
<p>1/ Provides early successional habitat by disking vegetation and creating bare ground. May also need 314 brush management, 666 forest stand improvement, 315 herbaceous weed control, 327 Conservation Cover, or 666 forest stand improvement.</p>							
374	Farmstead Energy Improvement						
	Automatic Controller System	Each	\$1,034.30	\$ 7,500.00	\$1,241.15	\$ 7,500.00	1 Year
	Building Envelope - Tunnel Doors 1/	SqFt	\$8.25	\$ 30,000.00	\$9.90	\$ 30,000.00	
	Compressor Heat Recovery Unit	kBTU/Hr	\$2,678.46		\$3,214.15		

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	Heating - Attic Heat Recovery vents	Each	\$108.72	\$ 10,000.00	\$130.47	\$ 10,000.00	10 Years
	Heating - Radiant Systems 2/	SqFt	\$0.33	\$ 30,000.00	\$0.40	\$ 30,000.00	
	Heating (Building) 3/	kBTU/Hr	\$6.83		\$8.20		
	Motor Upgrade = or > 100 HP	Each	\$5,839.98		\$7,007.98		
	Motor Upgrade > 2 and < 40 HP	Each	\$991.08		\$1,189.30		
	Motor Upgrade ≤ 2 HP	Each	\$535.51		\$642.61		
	Motor Upgrade 40 and < 100 HP	Each	\$4,582.67		\$5,499.21		
	Plate Cooler ≤ 499 gal/hr	Each	\$3,881.75		\$4,658.09		
	Plate Cooler 1,000 - 4,999 gal/hr	Each	\$8,606.16		\$10,327.39		
	Plate Cooler 500 - 749 gal/hr	Each	\$4,523.50		\$5,428.20		
	Plate Cooler 750 - 999 gal/hr	Each	\$5,200.21		\$6,240.25		
	Vacuum Pump - Compatible w/Variable Speed	Each	\$3,214.68		\$3,857.62		
	Variable Speed Drive > 50 HP	HP	\$91.96	\$ 15,000.00	\$110.35	\$ 15,000.00	
	Variable Speed Drive ≤ 50 HP	HP	\$520.53		\$624.64		
	Ventilation - HAF 4/	Each	\$128.63	\$ 10,000.00	\$154.36	\$ 10,000.00	
	Ventilation - Paddle Stir Fan	Each	\$147.58	\$ 10,000.00	\$177.09	\$ 10,000.00	
<p>Practice must be a recommended practice in a Type 2 energy audit meeting the requirements of ANSI/ASABE S 612, Completing An On Farm Energy Audit. The energy audit must have been completed within the last 4 years. Applicant must have certified audit completed before contract ranking to be eligible. Area Engineer will review all Farm Energy Improvement applications. Designs, when required, will be completed by third parties (Registered PE, etc). All electrical practices requiring electrical wiring will be completed by licensed electrician. The licensed installer will provide certification that the work was completed in accordance with local codes. Landowner will provide material specifications which are used for these practices in order to certify that the material requirements in the energy audit are achieved; and, self-certification that these measures were installed in the correct quantities. Energy Savings for each practice must be included in the energy audit and these energy savings must be entered into protracts during ranking. Lifespan should be considered when selecting item to cost share; Payback of Energy Savings must not exceed 15 years per item.</p> <p>2/ Replacement of pancake heaters or equivalent. Can use radiant tube heaters, radiant brooders heaters (aka round radiant heaters), or quad radiant heaters. Based upon square ft. of house.</p> <p>3/ Natural gas, propane, or fuel oil unit heater or boiler; typically for swine and greenhouse production.</p> <p>4/ Horizontal Circulation Fans</p>							
382	Fence						20 Years
	Barbed/Smooth Wire 1/	Ft	\$1.63	\$ 15,000.00	\$1.96	\$ 15,000.00	
	Permanent Electric 2/	Ft	\$1.00	\$ 15,000.00	\$1.20	\$ 15,000.00	
	Woven Wire 3/	Ft	\$2.07	\$ 15,000.00	\$2.48	\$ 15,000.00	
<p>1/ Multi-strand, Barbed or Smooth Wire. Limited to \$15,000 per contract.</p> <p>2/ Permanent Electric. Limited to \$15,000 per contract.</p> <p>3/ Woven. Limited to \$15,000 per contract.</p>							
386	Field Border						10 Years
	Introduced Grass 1/	Acre	\$225.49		\$239.09		
	Native Grass 2/	Acre	\$338.03		\$374.14		
	Pollinator Habitat 3/	Acre	\$368.26		\$410.42		
<p>1/ Practice includes seedbed prep and planting of introduced species. The area of the field border is taken out of production.</p> <p>2/ Practice includes seedbed prep and planting of native species. The area of the field border is taken out of production.</p> <p>3/ Practice includes seedbed prep and planting of pollinator friendly herbaceous species. The area of the field border is taken out of production. See pollinator job sheet for specific planting recommendations.</p>							
393	Filter Strip						10 Years
	Filter Strip, Organic Seed, Inc Forgone 1/	Acre	\$406.29		\$456.05		
	Filter Strip, Introduced species: Forgone Income 2/	Acre	\$234.86		\$250.33		
	Filter Strip, Native species: Forgone Income 3/	Acre	\$291.39		\$318.17		
<p>1/ Introduced herbaceous vegetation using Certified Organic seeds. Practice includes seedbed prep and planting. The area of the filter strip is taken out of production.</p> <p>2/ Introduced herbaceous vegetation - Practice includes seedbed prep and planting. The area of the filter strip is taken out of production.</p> <p>3/ Native herbaceous vegetation - Practice includes seedbed prep and planting. The area of the filter strip is taken out of production.</p>							
394	Firebreak						5 Years
	Constructed - Dozer 1/	Ft	\$0.23		\$0.28		
<p>1/ Install firebreak as per required burn plan.</p>							
512	Forage and Biomass Planting						5 Years
	Grass Establishment-Sprigging 1/	Acre	\$335.23		\$402.28		
	Overseeding Legumes 2/	Acre	\$231.37		\$277.65		
	Seedbed Prep. Seed & Seeding-Intro. Perennial Grasses Organic	Acre	\$301.51		\$361.81		
	Seedbed Prep. Seed & Seeding-Intro. Perennial Grasses. 4/	Acre	\$273.98		\$328.78		
	Seedbed Prep. Seed & Seeding-Native Per. Warm Season Grass	Acre	\$377.38		\$452.86		
<p>1/ Sprigging new grasses with sprigging application. This scenario assumes fertilizer, sprigs, equipment and labor for seed bed prep, tillage, sprigging , and spreading.</p> <p>2/Overseeding legumes in an existing pasture. This practice may be utilized for organic or regular production. This scenario assumes fertilizer, seed, equipment and labor for no-till seeding and amendment spreading.</p>							

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3/ Establish adapted introduced perennial grasses using organic approved seed. Used for either conventional or no-till seeding. This practice is for organic production. This scenario assumes fertilizer, seed, equipment and labor for seed bed prep, tillage, seeding, and spreading.							
4/ Establish adapted introduced grasses. Used for either conventional or no-till seedings. This scenario assumes fertilizer, seed, equipment and labor for seed bed prep, tillage, seeding, and spreading.							
5/ Establish adapted perennial native warm season grasses. Used for either conventional or no-till seeding of perennial native warm season grasses for pasture, hayland, and wildlife openings. This practice may be utilized for organic or regular production. This scenario assumes fertilizer, seed, equipment and labor for seed bed prep, tillage, seeding, and spreading.							
666	Forest Stand Improvement						10 Years
	Pre-commercial thinning - Hand tools 1/	Acre	\$91.10		\$109.32		
	Thinning for Wildlife and Forest Health at 50BA 2/	Acre	\$27.46		\$32.95		
	Thinning for Wildlife and Forest Health at 60BA 3/	Acre	\$20.85		\$25.02		
	Thinning for Wildlife and Forest Health at 80BA 4/	Acre	\$13.74		\$16.48		
1/ Adjusting the stocking of a young, non-merchantable stand of trees. The operation is supervised by a registered forester. Mechanical equipment can be utilized to treat pre-commercial forest stand.							
2/3/4 Used to open the canopy of a stand to improve the wildlife habitat and tree health.							
655	Forest Trails and Landings						5 Years
	Water Bars 1/	Each	\$250.29		\$300.35		
1/ Reference Practice 560 Access Road for design criteria. See 655 Jobsheet for specification.							
410	Grade Stabilization Structure						15 Years
	Check Dam 1/	Ton	\$42.84		\$51.40		
	Embankment, Pipe <12" 2/	CuYd	\$4.10		\$4.92		
	Embankment, Pipe >12" 3/	CuYd	\$6.69		\$8.03		
	Rock Drop 4/	SqFt	\$49.73		\$59.67		
	Weir Drop Structures 5/	SqFt	\$62.59		\$75.10		
1/ Excavation and riprap, does not include vegetation. Must add critical area planting and mulch.							
2/3/ Payment per cubic yard of embankment fill which includes fill and pipe system. Must add critical area planting and mulch.							
4/5/ Payment is based on weir length in feet times drop in "feet". The drop (feet) is defined as the structure inlet crest elevation minus the control outlet elevation.							
412	Grassed Waterway						10 Years
	Base Waterway 1/	Acre	\$1,129.77		\$1,355.72		
1/ Grading Only. Must add critical area planting and mulch.							
561	Heavy Use Area Protection						10 Years
	Concrete with sand or gravel foundation 1/	Sq Ft	\$3.10		\$3.72		
	High Velocity 2/	Sq Ft	\$4.41		\$5.29		
	Low Velocity 3/	Sq Ft	\$2.27		\$2.73		
	Rock/Gravel on Geotextile 4/	Sq Ft	\$1.16		\$1.39		
	Steel Reinforced Concrete with sand or gravel foundation 5/	Sq Ft	\$5.62		\$6.75		
1/ 4" thick fiber reinforced concrete pad							
2/ Using Rip Rap in Watering Ramps.							
3/ Using Surge stone for Watering Ramps.							
4/ Includes 6" GAB, Geotextile, Grading and Shaping.							
5/ 6" steel reinforced concrete slab (Includes grading/shaping up to 6" deep over the entire slab); Watering Ramps only.							
422	Hedgerow Planting						15 Years
	Pollinator Habitat 1/	Ft	\$0.97		\$1.17		
	Wildlife Machine Plant 2/	Ft	\$0.41		\$0.50		
1/ A stand with a minimum of nine wildflower species and one native warm season grass should be established. This will include at least three flowering species from each of the three bloom periods (spring, summer, and fall). The stand should include a minimum of one legume species and one native bunchgrass for a total of ten or more species (see pollinator establishment jobsheet). Trees should be planted 12 foot apart and shrubs should be planted 6 foot apart following hedgerow jobsheet specifications.							
2/ This scenario is for machine planting of woody species. A minimum of two species of native plants- 2 Trees and/or shrubs are typically plant at eight foot intervals (this will vary with species selection and density goals) and a mix of 2 native grasses.							
315	Herbaceous Weed Control						5 Years
	Chemical, Ground 1/	Acre	\$32.48		\$38.98		
	Chemical-Broad Band 2/	Acre	\$27.74		\$33.29		
	Mechanical 3/	Acre	\$32.29		\$38.75		
1/ Eradication of vegetation by use of weed treatment using ground equipment to apply chemicals, in order to eliminate noxious weeds, promote forage productivity, and improve ecological condition.							
2/ Eradication of vegetation by use of weed treatment using ground equipment to apply chemicals in a broad strip avoiding the planting row, in order to eliminate noxious weeds, and improve ecological condition. Forest application only.							
3/ Removal of herbaceous weeds by the use of mower, brush hog, disc or other light equipment in order to reduce fuel loading and improve ecological site condition. Weed has exceeded desired levels based on ecological site potential.							

FY 2015 Landscape Initiatives Policy

National Organic Initiative (NOI); National On Farm Energy Initiative (NOFEI); Season High Tunnel Initiative (SHTI)
GEORGIA

Practice Code	Conservation Practice	Payment Unit	Payment Rate	Maximum Amount	HU Payment Rate	HU Maximum Amount	Lifespan
430	Irrigation Pipeline						20 Years
	PVC (Iron Pipe Size) 1/	LB	\$1.59		\$1.90		
Must use CPS 449, Irrigation Water Management, in conjunction with this practice.							
1/ Includes pipe, labor and equipment for placement. Add critical area planting and mulching where needed. Use spreadsheet in section IV of EFOTG to convert length of pipe to pounds.							
436	Irrigation Reservoir						15 Years
	Embankment Dam with On-Site Borrow 1/	CuYd	\$3.45	\$ 50,000.00	\$4.14	\$ 50,000.00	
	Embankment Reservoir ≤ 30 Acre-Feet 2/	CuYd	\$2.73	\$ 50,000.00	\$3.28	\$ 50,000.00	
	Plastic Tank 3/	Gal	\$0.90		\$1.09		
Must use CPS 449, Irrigation Water Management, in conjunction with this practice.							
1/ Earthen embankment built across a natural depression. Cost based upon volume of compacted earth fill. Must add critical area planting and mulch. NOT FOR GENERAL EQIP, ONLY FOR IRRIGATION PILOT PROGRAM.							
2/ Excavated reservoir, generally rectangular in shape. Must add critical area planting and mulch. NOT FOR GENERAL EQIP, ONLY FOR IRRIGATION PILOT PROGRAM.							
3/ Includes installation and a concrete pad. Pay per gallon of storage in tank. Use standard tank closest in volume to design volume.							
441	Irrigation System, Micro						15 Years
	Microirrigation High Tunnel	SqFt	\$0.15	\$ 30,000.00	\$0.18	\$ 30,000.00	
	Microjet 1/	Acre	\$1,992.29	\$ 30,000.00	\$2,390.74	\$ 30,000.00	
	SDI (Subsurface Drip Irrigation) 2/	Acre	\$1,156.17	\$ 30,000.00	\$1,387.40	\$ 30,000.00	
	SDI (Subsurface Drip Irr.) < 50 acres using a well water source 3	Acre	\$1,085.36	\$ 30,000.00	\$1,302.43	\$ 30,000.00	
	Surface micro using a surface water source - vegetables 4/	Acre	\$2,043.60	\$ 30,000.00	\$2,452.33	\$ 30,000.00	
Surface micro using a well as a water source - vegetables 5/	Acre	\$1,477.10	\$ 30,000.00	\$1,772.52	\$ 30,000.00		
Water supply and conveyance from source to field is not addressed within this practice. Irrigation Water Management, CPS 449 must be used in conjunction with these practices. Must have a copy of system design completed and certified by a Certified Irrigation Designer (CID), Georgia PE, or Area Engineer. CID designs must be reviewed by NRCS engineers. Certification must be provided that system was installed in accordance with the certified design. Certification can be provided by the installer, provided the landowner is not the installer, the CID or field office staff. Irrigation conversion to micro irrigation system. Must be replacing existing non-microirrigation system. Does not include conveyance pipe from source to field under contract. Includes components for system including filters, control valves, flow meter (if required) and PVC pipe for mains and submains.							
1/ Orchards/vineyards using above ground emitters or spray jets. Practice payment limit of \$30,000.							
2/ Practice payment limit of \$30,000. Must have a GPS guidance system or markers placed for annual crops. Design includes sand media filter.							
3/ Practice payment limit of \$30,000. Must have a GPS guidance system or markers placed for annual crops.							
4/ Includes sand media filter. Practice payment limit of \$30,000.							
5/ Same as surface micro using a surface water source except sand media filter is not included. Practice payment limit of \$30,000.							
442	Irrigation System - Sprinkler						15 Years
	Center Pivot System 1/	Ft	\$56.36		\$67.63		
	Solid Set System 2/	Acre	\$3,487.49	\$ 17,437.00	\$4,184.98	\$ 17,437.00	
	Traveling Gun System 3/	Each	\$33,553.21		\$40,263.86		
	Retrofit of Existing Sprinkler System 4/	Ft	\$4.64		\$5.57		
VRI System Renovation 5/	Ft	\$15.96		\$19.15			
Water supply and conveyance from source to field is not addressed within this practice. Irrigation Water Management, CPS 449 must be used in conjunction with these practices. Ag Wastewater Notes: For Ag Wastewater the least cost system (center pivot, solid set system, or traveling gun system) will be selected based on acres figured in the Cost Estimator "Ag Waste Calculator" tab. Actual wastewater and soil samples are required to calculate acreage needed to apply yearly wastewater prior to irrigation design or payment. Example, if acreage needed to apply yearly wastewater is 9.6 acres or less than a solid set system would be the least cost system for the practice instead of a hose reel. The producer can install a hose reel but payment will be based on the solid set system. Freshwater Notes: If a working center pivot system is determined to be past its usable life and landowner is willing to install a new center pivot system, the calculated amount necessary to retrofit the old center pivot system will be provided to the landowner to offset the cost of the new center pivot system. In addition, the old center pivot system being replaced will be destroyed. Conversion from a traveler system to a pivot will be acceptable; cost-share rate will be based on the cost of retrofitting the size pivot necessary for servicing the involved field. Must have a copy of system design completed and certified by a Certified Irrigation Designer (CID), Georgia PE, or Area Engineer. Certification can be provided by the installer, provided the landowner is not the installer, the CID or field office staff.							
1/ For Ag Wastewater Only. Use for wastewater application. Waste water application acres based on Cost Estimator "Ag Waste Calculator" tab for nitrogen.							
2/ Includes all components of solid set system and installation costs. Use for wastewater application. Waste water application acres based on Cost Estimator "Ag Waste Calculator" tab for nitrogen. Use for freshwater for historically underserved clients.							
3/ For Ag Wastewater Only. Use for wastewater application. Waste water application acres based on Cost Estimator "Ag Waste Calculator" tab for nitrogen.							
4/ Payment rate covers all materials and labor for completing the retrofit in accordance with the system design. Pressure regulators are required at each sprinkler. Drop nozzles can be either wobblers, orbitors or rotator sprinklers.							
5/ Renovation of a previously retrofitted irrigation system with proper modular components and pressure regulating devices, along with all other needed components. VRI system requirements must be shown at signup.							
449	Irrigation Water Management						1 year
	Advanced IWM 1/	Acre	\$23.70		\$28.44		
	Basic IWM 2/	Acre	\$10.04		\$12.05		
	Intermediate IWM 3/	Acre	\$18.23		\$21.88		
	Soil Moisture Sensors 4/	Each	\$756.66		\$908.00		
Soil Moisture Sensors with Data Recorder 5/	Each	\$1,081.14		\$1,297.37			

FY 2015 Landscape Initiatives Policy

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GEORGIA

Practice Code	Conservation Practice	Payment Unit	Payment Rate	Maximum Amount	HU Payment Rate	HU Maximum Amount	Lifespan
<p>1/ High intensity irrigation water management system. Soil moisture determined by remote monitor soil moisture sensors. Automated logging of soil moisture data into computer system using telemetry or mobile phone data system. Data is monitored daily and adjustments made accordingly. Use in conjunction with Soil Moisture Sensors with data logger; payment after receipt of 1 growing season of data (This practice is for 1-year only).</p> <p>2/ Low intensity irrigation water management system. Soil moisture measured by feel or other similar methods. Paper records kept for irrigation applications and rainfall. Producer must provide copy of records to document practice completion; payment after receipt of 1 growing season of data (This practice is for 1-3/ Medium intensity irrigation water management system. Soil moisture is determined by soil moisture sensors with manual data download. Records are kept by manual input of data into a computer program. Irrigation amounts determined by flow meters on system. Use in conjunction with Soil Moisture Sensors; payment after receipt of 1 growing season of data (This practice is for 1-year only).</p> <p>4/ Manually read soil moisture sensors for use in the intermediate IWM scenario. Use one set per irrigation management unit .</p> <p>5/ Soil Moisture Sensors with automated data logging system for use in the advanced IWM scenario. Use one set per irrigation management unit.</p>							
460	Land Clearing Heavy Equipment 1/	Acre	\$1,341.71		\$1,610.06		10 Years
1/ For use with Irrigation Reservoir only. NOT FOR GENERAL EQIP, ONLY FOR IRRIGATION PILOT PROGRAM.							
670	Lighting System Improvement						10 years
	Automatic Controller System	Each	\$191.74	\$ 2,000.00	\$230.09	\$ 2,000.00	
	Lighting - CFL	Each	\$13.01	\$ 10,000.00	\$15.61	\$ 10,000.00	
	Lighting - LED	Each	\$16.69	\$ 10,000.00	\$20.03	\$ 10,000.00	
	Lighting - Linear Fluorescent	Each	\$245.43	\$ 10,000.00	\$294.52	\$ 10,000.00	
	Lighting - Pulse-Start Metal Halide	Each	\$19.90	\$ 10,000.00	\$23.88	\$ 10,000.00	
<p>Practice must be a recommended practice in a Type 2 energy audit meeting the requirements of ANSI/ASABE S 612, Completing An On Farm Energy Audit. The energy audit must have been completed within the last 4 years. Applicant must have certified audit completed before contract ranking to be eligible. Area Engineer will review all Farm Energy Improvement applications. Designs, when required, will be completed by third parties (Registered PE, etc). All electrical practices requiring electrical wiring will be completed by licensed electrician. The licensed installer will provide certification that the work was completed in accordance with local codes. Landowner will provide material specifications which are used for these practices in order to certify that the material requirements in the energy audit are achieved; and, self-certification that these measures were installed in the correct quantities. Energy Savings for each practice must be included in the energy audit and these energy savings must be entered into protracts during ranking. Lifespan should be considered when selecting item to cost share; Payback of Energy Savings must not exceed 15 years per item.</p>							
468	Lined Waterway or Outlet						15 Years
	Rock Lined - 12" or less 1/	SqFt	\$2.72		\$3.27		
	Turf Reinforced Matting 2/	SqFt	\$0.65		\$0.78		
<p>1/ Payment is for SF of waterway. Includes grading and shaping of waterway and installation of rock riprap with geotextile beneath it. Must add critical area planting and mulching.</p> <p>2/ Payment is for SF of waterway. Includes grading and shaping of waterway and installation of a permanent erosion control mat (TRM). Must add critical area planting.</p>							
516	Livestock Pipeline						20 Years
	PVC (Iron Pipe Size) Linear 1/	Ft	\$1.32		\$1.58		
1/ This practice is used only for livestock water supply pipelines. Cost covers pipe materials and installation. Use this cost for any pipe that meets the requirements of CPS 516. Use critical area planting and mulch where needed. Use in conjunction with CPS 614, Watering Facility and CPS 561, Heavy Use Area Protection							
576	Livestock Shelter Structure						10 Years
	Permanent Shelter Structure for Small Ruminants 1/	SqFt	\$7.65		\$9.19		
1/ "Winter Feeders." Roof structure included in cost. Must add HUA for entrance areas. Use evaluation tool to determine if site is eligible for winter feeder.							
484	Mulching						1 Year
	Erosion Control Blanket 1/	SqFt	\$0.13		\$0.16		
	Natural Material - Full Coverage 2/	Acre	\$332.99	\$ 2,000.00	\$399.59	\$ 2,000.00	
	Synthetic Material 3/	Acre	\$649.69	\$ 2,000.00	\$779.62	\$ 2,000.00	
<p>1/ Blanket is typically made of coconut coir, wood fiber, straw and is typically covered on both sides with polypropylene netting. Used to help control erosion and establish vegetative cover.</p> <p>2/ Mulch provides full coverage using natural materials and is typically used with critical area planting. Assumes 125 bales/acre (3 bales/1000 sq ft). Payment limit \$2,000 per contract.</p> <p>3/ Installation of geotextile, biodegradable plastic, polyethylene plastic, or other state approved synthetic mulch to conserve soil moisture, moderate soil temperature, suppress weed growth and provide erosion control. Payment based on actual area covered by mulching material. Payment limit \$2,000 per</p>							
590	Nutrient Management						1 Year
	Basic NM System 1/	Acre	\$5.83		\$7.00		
	Basic NM system with manure 2/	Acre	\$8.98		\$10.77		
	Basic Organic NM System 3/	Acre	\$23.36		\$28.03		
	Precision NM System 4/	Acre	\$18.62		\$22.34		
<p>The planned NM system will meet the current 590 standard. Records demonstrating implementation of the 4 R's of the NM criteria will be required. Must also plant cover crop, CPS 340; Cover crop only applies to conventional crop land, not applicable to hay and pasture land.</p> <p>1/ The implementation of a basic nutrient management system where there is no manure application. Implementation will result in the proper rate, source, method of placement, and timing of nutrients. Payment for implementation is to defray the costs of soil testing, analysis, consultant services that provide nutrient recommendations based on LGU recommendations or crop removal rates and an associated nutrient budget, and recordkeeping.</p>							

FY 2015 Landscape Initiatives Policy

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GEORGIA

Practice Code	Conservation Practice	Payment Unit	Payment Rate	Maximum Amount	HU Payment Rate	HU Maximum Amount	Lifespan
<p>2/ The implementation of a basic nutrient management system where there is manure or compost application in addition to commercial fertilizer applications. Implementation will result in the proper rate, source, method of placement, and timing of nutrients while minimizing off-site degradation or the excessive built up of N and P. Payment for implementation is to defray the costs of soil testing, manure testing, analysis, proper implementation, consultant services that provide nutrient recommendations based on LGU recommendations or crop removal rates and an associated nutrient budget, and recordkeeping. Risk assessments including PI (phosphorus index) will be completed with applications of manure completed based on risk results. Copies of risk assessments will be required to be submitted with other records.</p>							
<p>3/ The implementation will result in the proper rate, source, method of placement, and timing of nutrients. Payment for implementation is to defray the costs of soil testing, manure and/or compost analysis, training attendance, consultant services that provide nutrient recommendations. This Scenario is designed to encourage organic producers to effectively utilize organic fertilizers, manure, and/or compost appropriately improving soil quality and minimizing runoff of nutrients from fields to surface waters. The basis for nutrient applications will be recommendations based on soil and manure analyses.</p>							
<p>4/ The implementation of a basic precision nutrient management system on cropland. Payment for implementation is to defray the costs of soil testing, analysis, consultant services that provide nutrient recommendations based on LGU recommendations or crop removal rates and an associated nutrient budget, recordkeeping, and monitoring on a precision level. This scenario goes beyond the basic NM system by using technologies that improve efficiency and effectiveness of nutrient management by utilizing precision techniques and tools. Precision nutrient mgmt techniques ensure that the right rate, proper timing, and proper placement of nutrients minimize non-point source pollution and provide proper amounts of nutrients to the crop where it is needed and not applying where it is not needed.</p>							
521C	Pond Sealing or Lining - Bentonite Sealant						
	Bentonite Treatment - Covered 1/	CuYd	\$33.75		\$40.49		15 Years
<p>1/ Payment for installation of bentonite. Payment volume is the sum of the volume of the liner. For waste storage ponds and lagoons only. Must include 521D Earthfill for Liner.</p>							
521D	Pond Sealing or Lining - Compacted Clay Treatment						
	Material Hauled 1/	CuYd	\$17.42		\$20.90		15 Years
	Material Onsite 2/	CuYd	\$10.02		\$12.03		
<p>1/ Payment for installation of a compacted clay liner and protective cover using imported materials. Volume is sum of liner and cover volumes. For waste storage ponds and lagoons only.</p> <p>2/ Payment for installation of a compacted clay liner and protective cover using on site materials. Volume is sum of liner and cover volumes. For waste storage ponds and lagoons only.</p>							
521B	Pond Sealing or Lining - Soil Dispersant						
	Soil Dispersant - Covered 1/	CuYd	\$3.60		\$4.32		20 Years
<p>1/ Payment for installation soil dispersant. Payment volume is the sum of the volume of the liner. For waste storage ponds and lagoons only. Must include 521D Earthfill for liner.</p>							
338	Prescribed Burning						
	Prescribed Burn 1/	Acre	\$21.98		\$26.38		1 Year
<p>1/ Burn according to designed burn plan and NRCS Prescribed Burning (338) standard and specifications. Site prep burns are included. Constructed firebreak cost is not included in cost of burn.</p>							
528	Prescribed Grazing						
	Intensive 1/	Acre	\$23.74		\$28.48		1 Year
	Standard 2/	Acre	\$11.03		\$13.23		
<p>Payment will be made for the pump size required by the design for the pump rounded to next largest commercially available pump (ie 1.67 hp would be a 2.0 hp pump). In the case of well pumps the size for payment will be determined by the watering facility design spreadsheet. If the applicant wishes to use a larger pump than the design requires, the additional cost will be the applicant's responsibility. Grazing Management Plan required with this practice</p> <p>1/ Design and implementation of a grazing system using a 4 day or less rotational cycle. Monitoring and record keeping required (ex: photo points, pre and post grazing heights, and once annual Pasture Condition Scoring).</p> <p>2/ Design and implementation of a grazing system using a 5 to 10 day rotation. Monitoring & record keeping required (ex: photo points, pre and post grazing heights, and once annual Pasture Condition Scoring).</p>							
533	Pumping Plant						
	Electric-Powered Pump <30 hp <=75 1/	HP	\$282.13		\$338.56		15 Years
	Electric-Powered Pump >5 HP<=30 hp 2/	BHP	\$412.27		\$494.72		
	Electric-Powered Pump >75 3/	BHP	\$156.17		\$187.40		
	Electric-Powered Pump ≤ 5 Hp 4/	BHP	\$613.56		\$736.27		
	Electric-Powered Pump ≤ 5 HP with Pressure Tank 5/	BHP	\$1,356.61		\$1,627.94		
	Internal Combustion-Powered Pump > 50 to 70 HP 6/	BHP	\$385.92		\$463.10		
	Internal Combustion-Powered Pump > 70 HP 7/	BHP	\$297.71		\$357.25		
	Internal Combustion-Powered Pump ≤ 50HP 8/	BHP	\$514.83		\$617.79		
	Photovoltaic-Powered Pump 9/	BHP	\$6,771.77		\$8,126.12		
	Variable Frequency Drive 10/	BHP	\$168.76		\$202.51		
<p>Payment will be made for the pump size required by the design for the pump rounded to next largest commercially available pump (ie 1.67 hp would be a 2.0 hp pump). In the case of well pumps the size for payment will be determined by the watering facility design spreadsheet. If the applicant wishes to use a larger pump than the design requires, the additional cost will be the applicant's responsibility.</p> <p>1/ Pump for waste transfer or irrigation. Centrifugal Pump.</p> <p>2/ Pump for livestock water, waste transfer or irrigation. Centrifugal Pump.</p> <p>3/ Pump for livestock or irrigation. Centrifugal Pump.</p> <p>4/ Pump for livestock water, waste transfer or irrigation.</p>							

FY 2015 Landscape Initiatives Policy

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5/ Pump in well for livestock water or irrigation with pressure tank added.							
6/7/8/ Irrigation and Ag Waste Transfer; Use only when not economically feasible to use electric motor/pump combinations.							
9/ Typical installation of photovoltaic cells to run solar pump (includes pump); Option only when there is no available power source and not economical to run							
10/ Cost includes VFD modifications only.							
329	Residue & Tillage Mgmt - NoTill/StripTill Direct Seed						1 Year
	No-Till/Strip-Till 1/	Acre	\$13.07		\$15.69		
1/ System is applicable in all cropland and land where crops are planted.							
643	Restoration and Mgt. of Rare and Declining Habitats						1 Year
	Dev. of Deep Micro-Topo Features with Heavy Equipment.	Acre	\$77.52		\$93.02		
	Dev. of Shallow Micro-Topo Features with Normal Farm Equip	Acre	\$27.94		\$33.53		
	Habitat Monitoring and Mgt, High Intensity and Complexity	Acre	\$16.91		\$20.29		
	Habitat Monitoring and Mgt, Low Intensity and Complexity	Acre	\$2.39		\$2.87		
	Rare or Dec. Habitat Monitoring and Mgt, Medium Intensity	Acre	\$8.99		\$10.79		
WRP/ACEP-WRE only.							
391	Riparian Forest Buffer						15 Years
	Bare-root, hand planted 1/	Acre	\$199.72		\$239.66		
	Bare-root, machine planted 2/	Acre	\$207.62		\$249.15		
1/ The buffer will be located adjacent to and up-gradient from a watercourse or water body extending a minimum of 35 feet wide. The planting will consist of hand planted bare-root hardwood trees. One third of the area will be planted to each woody plant type. Tree spacing will be 12' x 12'.							
2/ The buffer will be located adjacent to and up-gradient from a watercourse or water body extending a minimum of 35 feet wide. The planting will consist of machine planted bare-root hardwood trees. One third of the area will be planted to each woody plant type. Tree spacing will be 12' x 12'.							
558	Roof Runoff Structure						15 Years
	Concrete Curb 1/	LnFt	\$8.07		\$9.68		
	Roof Gutter, Small, 6 inches wide and smaller 2/	LnFt	\$4.34		\$5.21		
	Specialty Catchment 3/	Gal	\$1.28		\$1.54		
	Trench Drain 4/	LnFt	\$7.56		\$9.07		
1/ Price of length of concrete curb.							
2/ Price of length of roof gutter.							
3/ Pay per gallon of storage in tank. Use standard tank closest in volume to design volume.							
4/ Price of length of trench drain.							
367	Roofs and Covers						10 Years
	Steel Frame and Roof 1/	Sq Ft	\$5.17		\$6.20		
	Timber or Steel Sheet Roof less than 60 ft 2/	Sq Ft	\$4.12		\$4.95		
1/ Posts and roof system with concrete footers at support posts. Steel frame buildings must be designed and installation certified by a registered Georgia PE. Square footage is measured post to post.							
2/ Posts and roof system with concrete footers at support posts. Square footage is measured post to post.							
798	Seasonal High Tunnel for Crops						4 Years
	Contiguous US 1/	Sq Ft	\$3.37	\$ 7,000.00	\$4.04	\$ 7,000.00	
1/ Costs are based on purchase of manufactured kit and landowner installing the structure. Structure must be installed to manufacturer's specifications. NOT FOR GENERAL EQUIP, ONLY FOR ORGANIC AND HIGH TUNNEL INITIATIVES. Payment limited to \$7,000.							
381	Silvopasture						20 Years
	Commercial thinning and establishment of introduced grasses.	Acre	\$244.52		\$293.43		
	Tree Establishment 2/	Acre	\$79.04		\$93.61		
1/ Commercial thinning of an existing stand of trees followed by establishment of introduced grasses. Cost includes grass establishment.							
2/ The establishment of trees into an existing pasture where adequate native grasses or introduced forage is present.							
632	Solid/Liquid Waste Separation Facility						15 Years
	Concrete Sand Settling Lane 1/	SqFt	\$3.15		\$3.78		
	Concrete Separator 2/	CuFt	\$3.40		\$4.08		
	Mechanical Separation Facility 3/	Each	\$24,678.96		\$29,614.75		
1/ Includes grading and concrete placement. Must add critical area planting and mulch as needed.							
2/ Based on designed storage and includes grading and concrete placement. Must add critical area planting and mulch as needed.							
3/ Includes equipment and concrete support pad.							
574	Spring Development						20 Years
	Spring Development 1/	Each	\$2,498.89		\$2,998.67		
1/ Includes collection system and spring box. Does not include livestock pipeline from spring box to watering facility.							
578	Stream Crossing						
	Concrete low water crossing 1/	SqFt	\$4.60		\$5.51		

FY 2015 Landscape Initiatives Policy

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	Culvert Installation 2/	LnFt	\$2.52		\$3.03		10 Years
	Low water crossing using prefabricated products 3/	SqFt	\$4.99		\$5.98		
	Rock armored low water crossing 4/	SqFt	\$4.14		\$4.97		
May be used in WRP/ACEP-WRE and livestock systems (livestock must be fenced out of creeks.) If needed in a forestry system, contact State Forester.							
1/ Must add critical area planting and mulch.							
2/ Paid by inches of culvert diameter multiplied by culvert length. Must add HUA, critical area planting and mulch.							
3/ Geocell filled with gravel, articulated concrete, pavers, or concrete block. Must add critical area planting and mulch.							
4/ Includes stream crossing with any rock surface (GAB, surge stone, riprap). Price includes all surfacing materials, geotextile and installation. Must add critical area planting and mulch.							
580	Streambank and Shoreline Protection						20 Years
	Bioengineered 1/	LnFt	\$51.65		\$61.98		
	Shaping 2/	LnFt	\$13.86		\$16.63		
	Structural 3/	LnFt	\$122.17		\$146.60		
	Toe Protection 4/	LnFt	\$75.07		\$90.08		
A preconstruction notification (PCN) must be filed with the Corp of Engineers prior to the construction of streambank stabilization projects if the following criteria are met: The Savannah District of the Corp of Engineers has put a regional restriction on Nationwide Permit 13 if you are stabilizing a streambank on a perennial stream and it is 100 feet or greater the landowner must submit a PCN.							
1/ Includes shaping bank, livestock, rootwads and revetments. Add critical area planting and mulch as needed.							
2/ Includes shaping bank and erosion control fabric. Add critical area planting and mulch as needed.							
3/ Includes shaping bank and installing riprap. Add critical area planting and mulch as needed.							
4/ Type I or III rock rip rap used in conjunction with shaping or bioengineered streambank stabilization.							
570	Stormwater Runoff Control						20 Years
	Combination, Most common Best Management Practices 1/	Acre	\$525.30		\$630.36		
1/ For use with Irrigation Reservoir only. NOT FOR GENERAL EQUIP, ONLY FOR IRRIGATION PILOT PROGRAM.							
649	Structures for Wildlife						5 Years
	Brush Pile - Large	Each	\$93.18		\$111.82		
	Brush Pile - Small	Each	\$23.19		\$27.83		
	Escape Ramp	Each	\$25.38		\$30.46		
	Fence Markers, Vinyl Undersill	Ft	\$0.09		\$0.11		
	Nesting Box or Rapture Perch, Large, with Pole	Each	\$268.89		\$322.67		
	Nesting Box, Large	Each	\$60.69		\$72.83		
	Nesting Box, Small no pole	Each	\$29.90		\$35.88		
	Nesting Box, Small, with wood pole	Number	\$44.63		\$53.56		
For WRP/ACEP-WRE Only							
600	Terrace						10 Years
	Broadbased	Ft	\$1.62		\$1.95		
	Narrow Base, less than 8% slope 1/	Ft	\$1.15		\$1.38		
1/ Add critical area planting and mulching as needed							
612	Tree/Shrub Establishment						15 Years
	Hardwood Hand Planting-bare 1/	Acre	\$111.02		\$133.22		
	Hardwood Hand Planting-bare root-protected 2/	Acre	\$257.75		\$309.30		
	High Density mech conifer planting 3/	Acre	\$150.87		\$181.04		
	High Density-hand plant Conifer 4/	Acre	\$205.90		\$247.08		
	Shrub Planting 5/	Acre	\$106.98		\$128.38		
2/5/ WRP/ACEP-WRE Only							
1/ Hardwood seedlings will be planted at minimum of 12X 12 spacing at 300 trees per acre. Cut over acres are eligible for planting and requires a minimum of 10 acres. Cut over acres are eligible for planting and all forestry acres are eligible for planting. A Forest Management plan is required prior to planning. Sites will be hand planted. A Forest management plan is required prior to payment. Plant containerized longleaf pines at 605 trees to acre.							
3/ Loblolly and Slash pine plantings. Cut over acres are eligible for planting and all forestry acres are eligible for planting. Cut over acres are eligible for planting and requires a minimum of 10 acres. A Forest Management plan is required prior to payment. Site will be planted with a mechanical tree planter. A minimum of 605 trees per acre at a 6X12 spacing.							
4/ Longleaf Pines will be planted at 6X12 spacing at 605 trees per acre. Cut over acres are eligible for planting and all forestry acres are eligible for planting. Cut over acres are eligible for planting and requires a minimum of 10 acres. A Forest Management plan is required prior to planning. Sites will be hand planted. A Forest management plan is required prior to payment. Plant containerized longleaf pines at 605 trees to acre.							
490	Tree/Shrub Site Preparation						1 Year
	Chemical - Ground Application 1/	Acre	\$53.93		\$64.72		
	Mechanical - Medium 2/	Acre	\$172.13		\$206.55		

FY 2015 Landscape Initiatives Policy

National Organic Initiative (NOI); National On Farm Energy Initiative (NOFEI); Season High Tunnel Initiative (SHTI)
GEORGIA

Practice Code	Conservation Practice	Payment Unit	Payment Rate	Maximum Amount	HU Payment Rate	HU Maximum Amount	Lifespan
<p>1/ The use of various herbicides applied in order to remove undesirable vegetation and improve site conditions for establishing trees and/or shrubs. Typical sites include abandoned fields, pastures, rangelands, agricultural fields or forestland that was recently harvested.</p> <p>2/ The use of machinery to treat an area in order to improve site conditions for establishing trees and/or shrubs.</p>							
620	Less than or equal to 6in 1/	Ft	\$4.61		\$5.53		20 Years
	Greater than 6in to 12in 2/	Ft	\$9.75		\$11.70		
	Greater than 12in to 18 in 3/	Ft	\$12.38		\$14.86		
	Greater than 18in to 30in 4/	Ft	\$18.81		\$22.57		
<p>1/ 6" single wall plastic barrel and 8" riser. Includes pipe, earthwork, and riprap outlet basin. Must add critical area planting and mulch.</p> <p>2/3/4 Single Wall Includes pipe, earthwork, and riprap outlet basin. Must add critical area planting and mulch.</p>							
645	Upland Wildlife Habitat Management						1 Year
	Habitat Monitoring and Mgt, High Intensity and Complexity	Acre	\$21.98		\$26.37		
	Habitat Monitoring and Mgt, Low Intensity and Complexity	Acre	\$2.39		\$2.87		
	Habitat Monitoring and Mgt, Medium Intensity and Complexity	Acre	\$8.99		\$10.79		
	Habitat Monitoring and Mgt, Very-Low Intensity and Complexity	Acre	\$0.73		\$0.88		
For WRP Only							
360	Waste Facility Closure						20 Years
	Liquid Waste Impoundment Closure with fill 1/	CuFt	\$0.29		\$0.35		
	Liquid Waste Impoundment Closure with no liquid/slurry 2/	CuYd	\$2.90		\$3.48		
<p>Contract for one item only, not both.</p> <p>Producer must provide Notice of Termination to State Agency for state permitted sites along with certification that the closure was completed to NRCS Stds. Not for freshwater conversion.</p> <p>1/ Covers the cost of pumping or hauling sludge and disposing of the wastes in accordance with a nutrient management plan and backfilling the holding pond with compacted earth fill. Need to add critical area planting and mulch (if needed).</p> <p>2/ Covers the cost of backfilling holding pond with compacted earth fill. Need to add critical area planting and mulch (if needed).</p>							
313	Waste Storage Facility						15 Years
	Conc Tank, Buried 1/	CuFt	\$1.49		\$1.79		
	Dry Stack, concrete floor, concrete wall 2/	SqFt	\$4.53		\$5.44		
	Dry Stack, concrete floor, wood wall 3/	SqFt	\$3.01		\$3.61		
	Earthen Storage Facility 4/	CuFt	\$0.22		\$0.27		
Nutrient Management Plan required with these practice.							
<p>1/ Must add critical area planting and mulch.</p> <p>2/ Must add critical area planting, mulch, roof and HUA for entrance pad. Size based on concrete pad area from post to post. Concrete walls are to be used for high moisture manures like dairy manure, layer litter, etc.</p> <p>3/ Must add critical area planting, mulch, roof and HUA for entrance pad. Size based on concrete pad area from post to post. DO NOT USE AS A WINTER FEEDER.</p> <p>4/ Payment based on designed storage volume to include manure and wastewater and rainfall on contributing areas and on pond surface. Pay volume does not include freeboard or sludge accumulation volume.</p>							
634	Waste Transfer						15 Years
	Concrete Channel 1/	SqFt	\$6.95		\$8.33		
	Large diameter, Low pressure flow, PVC conduit 2/	Ft	\$28.06		\$33.67		
	Manure Flush System of transfer through a collection basin 3/	Gal	\$1.87		\$2.24		
<p>1/ Cost of concrete channels paid by sf of channel bottom.</p> <p>2/ For waste transfer from a production area to a storage or treatment facility.</p> <p>3/ Flush Tanks; Includes cost of concrete pad for flush tank</p>							
359	Waste Treatment Lagoon						15 Years
	Waste Treatment Lagoon 1/	CuFt	\$0.15		\$0.18		
Nutrient Management Plan required with this practice.							
1/ Payment based on designed storage including manure, wastewater, minimum treatment volume, and rainfall on contributing drainage areas and pond surface. Pay volume does not include freeboard .							
638	Water and Sediment Control Basin						10 Years
	WASCOB base 1/	CuYd	\$2.13		\$2.56		

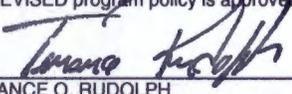
FY 2015 Landscape Initiatives Policy

National Organic Initiative (NOI); National On Farm Energy Initiative (NOFEI); Season High Tunnel Initiative (SHTI)
GEORGIA

Practice Code	Conservation Practice	Payment Unit	Payment Rate	Maximum Amount	HU Payment Rate	HU Maximum Amount	Lifespan
1/ Add critical area planting and mulch if needed. Use in conjunction with underground outlets as needed.							
642 Water Well							
	Deep Well 1/	Each	\$5,249.57		\$6,299.49		20 Years
	Typical Well 2/	Each	\$3,511.43		\$4,213.72		
If existing well/water source is adequate for livestock waterneed, a new well is not justified. Not to be used for providing water to confined feeding operations or in buildings. Must be part of a prescribed grazing system or where livestock exclusion has removed a water supply. Wells may be used for irrigation only for historically underserved applicants but only when existing well/water source is inadequate to supply irrigation water needs. Does not include the cost of the pump so includeCPS 533, Pumping Plant, as a companion practice.							
1/ Water surface > 600 ft. below ground surface. Complete well installation (casing, screen, concrete pad at well head).							
2/ Water surface 100 to 600 feet below ground surface. Complete well installation (casing, screen, concrete pad at well head).							
614 Watering Facility							
	2 Ball Freeze proof 1/	Each	\$701.98		\$842.37		10 Years
	4 Ball Freeze proof 2/	Each	\$867.32		\$1,040.78		
	Greater Than 600 gal 3/	Each	\$531.83		\$638.19		
	Less than 100 gal 4/	Each	\$96.15		\$115.38		
	Less than 100-200 gal 5/	Each	\$204.77		\$245.73		
	Less than 201-400 gal 6/	Each	\$242.61		\$291.13		
	Less than 401-600 gal 7/	Each	\$382.83		\$459.40		
	Storage Tank for Solar Systems 8/	Gal	\$0.79		\$0.94		
For livestock grazing systems. Not to be used in confined feeding operations or in buildings. Must use Heavy Use Area Protection, CPS 561, around watering facility. Use of used materials is not allowed.							
1/2/ Includes trough and installation.							
3/ Extra-Large trough; includes installation.							
4/ Very small trough for small animals; includes installation.							
5/ Small size trough; includes installation							
6/ Medium trough; includes installation.							
7/ Large trough; includes installation.							
8/ Includes tank, concrete pad, and installation.							
657 Wetland Restoration							
	Ditch Plug	CuYd	\$10.57		\$12.68		15 Years
	Estuarine Fringe Levee Removal	Acre	\$12.28		\$14.74		
	Riverine Channel and Floodplain Restoration	Acre	\$332.05		\$398.45		
	Riverine Levee Removal and Floodplain Features	Acre	\$243.66		\$292.40		
WRP/ACEP-WRE Only							
644 Wetland Wildlife Management							
	Development of Deep Micro-Topo Features with Heavy Equipme	Acre	\$77.52		\$93.02		1 Year
	Dev of Shallow Micro-Topoc Features with Normal Equipment.	Acre	\$27.94		\$33.53		
	Habitat Monitoring and Management, High Intensity and Comple	Acre	\$21.98		\$26.37		
	Habitat Monitoring and Management, Medium Intensity and Com	Acre	\$8.99		\$10.79		
	Habitat Monitoring and Management, Very-Low Intensity and Co	Acre	\$0.73		\$0.88		
	Wetland Wildlife Habitat Mongtand Mgt, Low Intensity and Comp	Acre	\$2.39		\$2.87		
WRP/ACEP-WRE Only							
FOOTNOTES							
Maximum Amounts for the life of the contract are established on certain conservation practices or options, as noted in this Policy. EQIP funds provide financial assistance to eligible farmers and ranchers to help these producers enhance agricultural and forested lands in a cost-effective and environmentally beneficial manner. Establishing Maximum Amounts for the contract allows Georgia NRCS to make EQIP funding assistance available to a larger number of eligible farmers, ranchers and forest producers here in Georgia, and also as a method to make funding available to eligible producers regardless of size of operation (i.e., by not obligating large amounts of funds on operations with more acres, Georgia EQIP funds will be available to a larger number of separate operations). The specified "Maximum Amounts" for identified practices within this policy does not allow applicants to exceed the maximums through multiple offers/contracts on different acres when those acres are controlled by the same applicant(s), where 'control' means possession of the land by ownership, written lease, or other legal agreement (as generally indicated on FSA's EZ156 &/or Producer Farm Data Report forms). Historically Underserved Maximum Amounts refers to the maximum contract payment for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, and Socially Disadvantaged Farmers as defined in the 2009 EQIP Interim Final Rule). NOTE: While there is no restriction on the number of applications (or contracts, if funded) that may be submitted by an applicant for EQIP, all FY15 EQIP applications (and contracted amounts) will count towards the Maximum Amount as listed in FY15 EQIP Policy for any and all FY15 EQIP applications (and FY15 EQIP contracts, if funded) where acres are controlled by the same applicant(s).							

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Practice Code	Conservation Practice	Payment Unit	Payment Rate	Maximum Amount	HU Payment Rate	HU Maximum Amount	Lifespan
<p>FMP = Forest Management Plan. Approved FMP's are:</p> <ul style="list-style-type: none"> (a) Forest Management Plan 106 Plan developed by a TSP OR (b) Forest Stewardship Plan (FSP) prepared by GFC OR (c) GFC Resource Management Plan OR (d) Conservation Plan on Forest Land OR (e) a site-specific plan prepared by a professional forester if this site-specific plan has been approved by either an NRCS forester or the Georgia State Forester at the time the EQIP applicant signs the CPA1200. 							
<p>This REVISED program policy is approved for use in Georgia.</p>							
 <hr style="width: 100%;"/> <p>TERRANCE O. RUDOLPH STATE CONSERVATIONIST - GEORGIA</p>					<p><u>5/13/2015</u> Date</p>		