

Payment Schedule Results

Practice Code	Cost Share Program	Practice/Activity Name	Practice/Activity Type	Unit Type	Payment Rate
381	EQIP	Silvopasture Establishment	Seeding Forage Plants into Thinned Forest	AC	\$370.12
381	EQIP	Silvopasture Establishment	Seeding Forage Plants into Thinned Forest	AC	\$555.18
381	WHIP	Silvopasture Establishment	Seeding Forage Plants into Thinned Forest	AC	\$0.00
381	WHIP	Silvopasture Establishment	Seeding Forage Plants into Thinned Forest	AC	\$0.00
381	AMA	Silvopasture Establishment	Seeding Forage Plants into Thinned Forest	AC	\$0.00
381	AMA	Silvopasture Establishment	Seeding Forage Plants into Thinned Forest	AC	\$0.00

Payment Schedule Development Methodology

Cost Category	Cost/Unit	EQIP	EQIP-HU	WHIP	WHIP-HU	AMA	AMA-HU	EQIP	EQIP-HU	WHIP	WHIP-HU	AMA	AMA-HU
		Program Payment Percentage	Payment Rate	Payment Rate	Payment Rate	Payment Rate	Payment Rate	Payment Rate					
Materials	\$594.77	50%	75%	0%	0%	0%	0%	\$297.39	\$446.08	\$0.00	\$0.00	\$0.00	\$0.00
Equipment/Installation	\$70.66	50%	75%	0%	0%	0%	0%	\$35.33	\$53.00	\$0.00	\$0.00	\$0.00	\$0.00
Labor	\$74.81	50%	75%	0%	0%	0%	0%	\$37.41	\$56.11	\$0.00	\$0.00	\$0.00	\$0.00
Mobilization	\$0.00	50%	75%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Operation & Maintenance (Annual)	\$0.00	0%	0%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	0%	0%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forgone Income (Annual)	\$0.00	100%	100%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Risk	\$0.00	0%	0%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Administration & Permit Costs	\$0.00	0%	0%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total:	\$740.24							\$370.12	\$555.18	\$0.00	\$0.00	\$0.00	\$0.00

Cost Data

Typical Implementation Scenario

Setting: This practice will be applied to a forest stand that has been thinned to approximately 40 SQ FT basal area/acre of timber providing approximately 50% shade to the forest floor.

Resource Concerns: Land is currently forested and animal production is not possible due to a lack of forage plants. There may be some areas of gully erosion and sheet and rill erosion problems. Implementation of this practice will result in significantly improved forage plant quality, reduced sheet & rill erosion, reduced sedimentation, and improved water and soil quality.

Scenario: A forest stand will be thinned to approximately 40 SQ FT basal area/acre of timber providing approximately 50% shade to the forest floor. Conservation Practice "Forest Stand Improvement" (Code 666) shall also be planned for contract payment purposes. Stumps will be flush cut. Soil will be smoothed to the greatest extent possible to facility forage plant growth, temporary fence installation, and grazing management. Soil pH and fertility will be adjusted, and forage grass and legume species will be seeded.

Geographic Area: Statewide

Unit for Cost Estimate: Acre
Practice Life (Years): 5
Discount Rate (%/Year): 5%
Unit: 1

Cost/Unit

Materials	Units	Unit Cost	Amount	Total Cost
Practice Components				\$594.77
Limestone (includes application)	ton	128.67	3	\$386.01
Fertilizer - P2O5	lb	0.6	80	\$48.00
Fertilizer - K2O	lb	0.45	200	\$90.00
Clover - Ladino	lb	3.74	4.0	\$14.96
Clover - Medium Red	lb	2.60	2.0	\$5.20
Orchardgrass	lb	2.04	10.0	\$20.40
Kentucky Bluegrass	lb	3.02	10	\$30.20
Equipment/Installation				\$70.66
Practice Components	Units	Unit Cost	Amount	Total Cost
Skidsteer for land smoothing	hr	35.33	2.0	\$70.66
Labor				\$74.81
Practice Components	Units	Unit Cost	Amount	Total Cost
Applying fertilizer	ac	8.37	1.0	\$8.37
Cutting stumps flush	hr	20.35	1.0	\$20.35
Smoothing soil	hr	25.74	1.0	\$25.74
Spreading seed	hr	20.35	1.0	\$20.35

*Data Sources:
 National payment rate database from NRCS Washington DC

Mobilization \$0.00
 Included in custom rates in Equipment/Installation

Operation & Maintenance \$0.00
 Included in custom rates in Equipment/Installation

Acquisition of Technical Knowledge \$0.00
 None

Forgone Income \$0.00
 None

Risk \$0.00
 None

Administration & Permit Costs \$0.00
 None

Total Cost Estimate: \$740.24

Payment Schedule Results

Practice Code	Cost Share Program	Practice/Activity Name	Practice/Activity Type	Unit Type	Payment Rate
381	EQIP	Silvopasture Establishment	Planting Trees into Pasture	AC	\$459.20
381	EQIP	Silvopasture Establishment	Planting Trees into Pasture	AC	\$688.80
381	WHIP	Silvopasture Establishment	Planting Trees into Pasture	AC	\$0.00
381	WHIP	Silvopasture Establishment	Planting Trees into Pasture	AC	\$0.00
381	AMA	Silvopasture Establishment	Planting Trees into Pasture	AC	\$0.00
381	AMA	Silvopasture Establishment	Planting Trees into Pasture	AC	\$0.00

Payment Schedule Development Methodology

Cost Category	Cost/Unit	EQIP Program Payment Percentage	EQIP-HU Program Payment Percentage	WHIP Program Payment Percentage	WHIP-HU Program Payment Percentage	AMA Program Payment Percentage	AMA-HU Program Payment Percentage	EQIP Payment Rate	EQIP-HU Payment Rate	WHIP Payment Rate	WHIP-HU Payment Rate	AMA Payment Rate	AMA-HU Payment Rate
Materials	\$430.00	50%	75%	0%	0%	0%	0%	\$215.00	\$322.50	\$0.00	\$0.00	\$0.00	\$0.00
Equipment/Installation	\$0.00	50%	75%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Labor	\$488.40	50%	75%	0%	0%	0%	0%	\$244.20	\$366.30	\$0.00	\$0.00	\$0.00	\$0.00
Mobilization	\$0.00	50%	75%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Operation & Maintenance (Annual)	\$0.00	0%	0%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	0%	0%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forgone Income (Annual)	\$0.00	100%	100%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Risk	\$0.00	0%	0%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Administration & Permit Costs	\$0.00	0%	0%	0%	0%	0%	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total:	\$918.40							\$459.20	\$688.80	\$0.00	\$0.00	\$0.00	\$0.00

Cost Data

Typical Implementation Scenario

Setting: This practice will be applied to an existing pasture where forage production and grazing animal performance are not optimal.

Resource Concerns: Land is currently in pasture, however, animal production is not optimal due to animal stress and poor regrowth of forage plants. There may be some areas of gully erosion and sheet and rill erosion problems due to over grazing. Implementation of this practice will result in significantly improved animal health, improved forage plant quality, reduced sheet & rill erosion, reduced sedimentation, and improved water and soil quality.

Scenario: A pasture will be planted with approximately 100 hardwood trees/acre and will be protected until the trees are 4-6" DBH (diameter at breast height).

Geographic Area: Statewide

Unit for Cost Estimate: Acre
Practice Life (Years): 5
Discount Rate (%/Year): 5%
Unit: 1

					Cost/Unit
Materials					\$430.00
Practice Components	Units	Unit Cost	Amount	Total Cost	
Bareroot oak trees	each	2.8	100	\$280.00	
30" Tree protectors (years 1-3)	each	1.5	100	\$150.00	
Equipment/Installation					\$0.00
Practice Components	Units	Unit Cost	Amount	Total Cost	
None					
Labor					\$488.40
Practice Components	Units	Unit Cost	Amount	Total Cost	
Planting trees	hr	20.35	20.0	\$407.00	
Installing tree protection	hr	20.35	4.0	\$81.40	
*Data Sources: National payment rate database from NRCS Washington DC					
Mobilization					\$0.00
Included in custom rates in Equipment/Installation					
Operation & Maintenance					\$0.00
Included in custom rates in Equipment/Installation					
Acquisition of Technical Knowledge					\$0.00
None					
Forgone Income					\$0.00
None					
Risk					\$0.00
None					
Administration & Permit Costs					\$0.00
None					
Total Cost Estimate:					\$918.40