				Cost Share = "perce	ent of the actual cost not to exceed \$ per unit of measure."				
Component Code	Practice	Scenario	ERFP Practice	Practice	Scenario Description	Scenario Units	Unit Cost 100%	Unit Cost 75%	Life Spar (years)
24MEEFE315A1	315	A1	EF1, EF2, EF3	Herbaceous Weed Treatment	Herbaceous weed treatment to crate plant communities consistent with the ecological site	Ac	\$16.17	\$12.13	5
24MEEF3842	384	2	EF1, EF2, EF3	Woody Residue Treatment	Restoration/conservation treatment following catatrophic events	Ac	\$868.11	\$651.08	10
24MEEF3843	384	3	EF1, EF2, EF3	Woody Residue Treatment	Woody Residue/Silvicultural slash treatment - light	Ac	\$260.07	\$195.05	10
24MEEF3844	384	4	EF1, EF2, EF3	Woody Residue Treatment	Chipping and hauling off - site	Ac	\$328.32	\$246.24	10
24MEEF3845	384	5	EF1, EF2, EF3	Woody Residue Treatment	Forest Slash Treatment - med/heavy	Ac	\$448.25	\$336.19	10
24MEEF4901	490	1	EF1, EF2, EF3	Tree/Shrub Site Preparation	Mechanical, Heavy	Ac	\$237.70	\$178.28	1
24MEEF4902	490	2	EF1, EF2, EF3	Tree/Shrub Site Preparation	Mechanical, Light	Ac	\$98.25	\$73.69	1
24MEEF4903	490	3	EF1, EF2, EF3	Tree/Shrub Site Preparation	Chemical, Ground Application	Ac	\$210.87	\$158.15	1
24MEEF4906	490	6	EF1, EF2, EF3	Tree/Shrub Site Preparation	Hand site preparation	Ac	\$266.22	\$199.67	1
24MEEF500107	500	107	EF1, EF2, EF3	Obstruction Removal	Removal and Disposal of Brush and Trees > 6 inch Diameter	Ac	\$2,348.39	\$1,761.29	10
24MEEF500108	500	108	EF1, EF2, EF3	Obstruction Removal	Removal and Disposal of Brush and Trees < 6 inch Diameter	Ac	\$1,439.19	\$1,079.39	10
24MEEF5604	560	4	EF1, EF2, EF3	Access Road	Rehabilitation of existing earth road in dry, level terrain	Ft	\$5.16	\$3.87	10
24MEEF5605	560	5	EF1, EF2, EF3	Access Road	Rehabilitation of existing road using gravel in soft, level terrain	Ft	\$11.27	\$8.45	10
24MEEF5606	560	6	EF1, EF2, EF3	Access Road	Rehabilitation of existing road using geocell in soft, level terrain	Ft	\$22.82	\$17.12	10
24MEEF56010	560	10	EF1, EF2, EF3	Access Road	Rehabilitation of existing earth road in soft, sloped terrain	Ft	\$6.07	\$4.55	10
24MEEF56011	560	11	EF1, EF2, EF3	Access Road	Rehabilitation of existing road using gravel in soft, sloped terrain	Ft	\$12.45	\$9.34	10
24MEEF56012	560	12	EF1, EF2, EF3	Access Road	Rehabilitation of existing road using geocell in soft, sloped terrain	Ft	\$24.00	\$18.00	10
24MEEF580	580	1	EF1, EF2, EF3	Streambank and Shoreline Protection	Riprap	Cubic Yards	\$147.54	\$110.66	20
24MEEF5802	580	2	EF1, EF2, EF3	Streambank and Shoreline Protection	Bioengineered	Square Feet	\$5.08	\$3.81	20
24MEEF58029	580	29	EF1, EF2, EF3	Streambank and Shoreline Protection	Vegetative	Linear Feet	\$27.61	\$20.71	20
24MEEF58030	580	30	EF1, EF2, EF3	Streambank and Shoreline Protection	Structural	Feet	\$267.96	\$200.97	20
24MEEF5874	587	4	EF1, EF2, EF3	Structure for Water Control	Culvert <30 inches HDPE	Inch-Foot	\$3.76	\$2.82	20
24MEEF5875	587	5	EF1, EF2, EF3	Structure for Water Control	Culvert <30 inches CMP	Inch-Foot	\$3.96	\$2.97	20
24MEEF6121	612	1	EF1, EF2, EF3	Tree/Shrub Establishment	Hardwood Hand Planting - bare root-protected	Acres	\$734.14	\$550.61	15
24MEEF6123	612	3	EF1, EF2, EF3	Tree/Shrub Establishment	Hardwood EstDirect Seeding	Acres	\$896.85	\$672.64	15
24MEEF6128	612	8	EF1, EF2, EF3	Tree/Shrub Establishment	Mostly Hardwood Hand Planting-bare root-protected	Acres	\$2,637.47	\$1,978.10	15
24MEEF61278	612	78	EF1, EF2, EF3	Tree/Shrub Establishment	Individual tree - hand planting	Each	\$1.19	\$0.89	15
24MEEF61279	612	79	EF1, EF2, EF3	Tree/Shrub Establishment	Conifer seeding - hand planting - tree protection	Each	\$2.75	\$2.06	15
24MEEF6553	655	3	EF1, EF2, EF3	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes < 35%	Ft	\$4.36	\$3.27	5
24MEEF6554	655	4	EF1, EF2, EF3	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes >35%	Ft	\$7.12	\$5.34	5
24MEEF6555	655	5	EF1, EF2, EF3	Forest Trails and Landings	Grading and Shaping w/ Vegetative Estab.	Ft	\$4.89	\$3.67	5
24MEEF6602	660	2	EF2	Tree-Shrub Pruning	Pruning, Low Height	Ac	\$216.92	\$162.69	10
24MEEF6603	660	3	EF2	Tree-Shrub Pruning	Pruning, High Height	Ac	\$332.01	\$249.01	10
24MEEF6661	666	1	EF1, EF2, EF3	Forest Stand Improvement	Pre-commercial Thinning Pole- Hand tools	Ac	\$557.27	\$417.95	10
24MEEF6662	666	2	EF1, EF2, EF3	Forest Stand Improvement	Pre-Commercial Thinning Hardwood - Handtools	Ac	\$819.73	\$614.80	10
24MEEF6666	666	6	EF1, EF2, EF3	Forest Stand Improvement	Competition Control - Mcheanical, Light Equip.	Ac	\$779.78	\$584.84	10
24MEEF6667	666	7	EF1, EF2, EF3	Forest Stand Improvement	Thinning for Wildlife and Forest Health	Ac	\$707.90	\$530.93	10
24MEEF66655	666	5	EF1, EF2, EF3	Forest Stand Improvement	Pre-Commercial Thinning Softwood - Handtools	Ac	\$1,151.60	\$863.70	10
24MEEF66657	666	7	EF1, EF2, EF3	Forest Stand Improvement	Tree Marking Updated	Ac	\$142.90	\$107.18	10
ractice. "I - Hetacous weet i icenario: "I - Hetacous weet icenario Description: Aechanical, chemical, or bis chievable, ecological site, s lefore Situation: lesources are protected at I fiber Situation:	teady state descriptions.	nitzent with the ecological site reatment will be employed to c inservation Practice Standard (0	CPS) 315 - Herbaceous Wi	us weeds so as to create, release, or restore desired plant comm end Control memotion Practice Standard (CPI) 115 - Herbaceous Weed Contr			•	•	

Scenario Typical Size: 10.00 Scenario Total Cost:		\$161.74				
Scenario Cost/Unit: Cost Details:		\$16.17				
Component	ID	Description		Co	Q	Total
Equipment Installation						
Chemical, spot treatment, single stem application		Ground applied chemical to individual plants or group of plants, e.g., backpack sprayer treatment. Equipment and labor cost included.	Ho	\$80.87	2	\$161.74

cenario Typical Size: 20.00 cenario Total Cost:	\$17,	362.14				
cenario Cost/Unit:		\$868.11				
ost Details:						
Component	ID	Description		Cost		Total
quipment Installation						
Track Loader, 95HP	935	Equipment and power unit costs. Labor not included.		\$95.93	40	\$3,837.20
Chainsaw	937	Equipment and power unit costs. Labor not included.		\$6.23	80	\$498.40
Log skidder	942	Equipment and power unit costs. Labor not included.		\$60.93	40	\$2,437.20
Truck, dump, 8 CY	1401	Dump truck for moving bulk material. Typically capacity is 12 ton or 8 cubic yards. Includes equipment only.		JJ4.JJ	40	\$2,183.60
abor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that		\$28.68	80	\$2,294.40
		do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.				
Equipment Operators, Light	232	Includes: Skid Steer Loaders, Hydraulic Excavators <50 HP, Trenchers	1	\$30.76	80	\$2,460.80
		<12 in., Ag Equipment <150 HP, Pickup Trucks, Forklifts, Mulchers				
Equipment Operators, Heavy	233	Includes: Cranes, Hydraulic Excavators >=50 HP, Dozers, Paving Machines, Rock Trenchers, Trenchers >=12 in., Dump Trucks, Ag Equipment >=150 HP, Scrapers, Water Wagons.	1	\$34.58	40	\$1,383.20
tobilization						
Mobilization, medium equipment	1139	Equipment with 70-150 HP or typical weights between 14.000 and 30.000 pounds.		\$755.78	3	\$2.267.34

Treating an area of forest size horeduce hazedous fuels and the risk of nexet and disease, improve organic matter and reduce ension while improving water quality. Such is treated with both hand (cutting, logning, etc.) and mechanically impaircating, chipping, etc.). Typically done by hand and light equipment. Resource concerns include: Wildline hazard from excessive biomass accumulation and potential Encessive plant per per person. Before Situation: Woody material resulting from a silvicatural practice such as pruning or a light thinning operation is causing both fire hazard and per lissue. After Situation: After Situation: Feature Measure: "<sup>Measure</sup> method: which shared out and in contact with the ground. Additional benefits include: reduced soil movement. The soil is protected and/or enhanced. Feature Measure: "<sup>Measure</sup> Scenario Unit: "<sup>Measure</sup>

# Scenario Typical Size: 40.00 Scenario Total Cost: \$10,402.98 Component in all point of training of the point of training of tr

Reducing wordsy waste created during forestry, appointently and horitochural activities by gathering, chipping, and hauling off als to achieve management objectives. Does not include transport from property to a commental blacking. Resource concerns include potential Encicione of particulate matter, potential Encicione plant pert pressure, and Widfler hazard from excessive blomass accumulation . Wedfore Stratsform: Resource accumulation is included resource access, fire hazard and sites for harboring pests. After Stratsform: are adopted insus: an included. Air and energy resources are conserved. Feature Mexaner: <sup>energ</sup> hearter accumulation are conserved. Feature Mexaner. <sup>energ</sup> hearter accumulation acc

Scenario Typical Size: 20.00 Scenario Total Cost:		\$6,566.30				
Scenario Cost/Unit:		\$328.32				
Cost Details:						
Component	ID	Description		Cost	QTY	Total
Equipment Installation						
Chainsaw	937	Equipment and power unit costs. Labor not included.	E.	\$6.23	20	\$124.60
			c			
Brush Chipper, 6 in. capacity	938	Brush Chipper, 6 inch capacity, typically 35 HP. Includes chipper and power unit.	F	\$34.58	20	\$691.60
		Labor not included.	c			
Log skidder	942	Equipment and power unit costs. Labor not included.	ŀ	\$60.93	10	\$609.30
Truck, dump, 8 CY	1401	Dump truck for moving bulk material. Typically capacity is 12 ton or 8 cubic yards.	É.	\$54.59	20	\$1,091.80
		Includes equipment only.	c			
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that	E.	\$28.68	40	\$1.147.20
		do not require extensive training. Ex. pipe layer, herder, concrete placement,	c			
		materials spreader, flagger, etc.				
Equipment Operators, Light	232	Includes: Skid Steer Loaders, Hydraulic Excavators <50 HP, Trenchers	E.	\$30.76	60	\$1,845.60
		<12 in., Ag Equipment <150 HP, Pickup Trucks, Forklifts, Mulchers				
Mobilization						
Mobilization, small equipment	1138	Equipment <70 HP but can't be transported by a pick-up truck or with typical	E	\$300.42	1	\$300.42
		weights between 3,500 to 14,000 pounds.	3			
Mobilization, medium equipment	1139	Equipment with 70-150 HP or typical weights between 14,000 and 30,000 pounds.	E	\$755.78	1	\$755.78
			3			

Treating as area of significant woody plant residues to reduce hausdoor, feels and the risk of inacct and disease, improve organic matter, decrease unwanted habitat, and reduce erosion while improving water quality. Such is to be looped/treatory.under whom a for of the growed or moved of the tax met task fire haurd reductor statedure. The plant is built to get decise an analytic decise and analytic decise of the growed or task fire haurd, and the risk of inacct and the risk of the tax of the state fire haurd reductor statedure. The plant is also decise an analytic decise and analytic decise of the state fire haurd, and the risk of inacct and the risk of inacct and the risk of the tax of the state fire haurd reductor statedure. The plant is also decise an analytic decise and the risk of inacct and the reduct so in movement.

Scenario Typical Size: 40.00 Scenario Total Cost:	\$17;	930.10				
Scenario Cost/Unit:		\$448.25				
Cost Details:						
Component	ID	Description		Cost	QTY	Total
Equipment Installation						
Chainsaw	937	Equipment and power unit costs. Labor not included.		\$6.23	40	\$249.20
Truck, Pickup	939	Equipment and power unit costs. Labor not included.		\$25.07	40	\$1,002.80
Heavy mechanical site prep. drum	1316	Mechanical operations that pushing trees and vegetation and crushing them with a		\$148.15	80	\$11.852.00
chopping	1310	water filled roller chopper. Requires heavy equipment such as dozers. Includes			00	911,031.00
		equipment, power unit and labor costs.				
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and		\$28.68	40	\$1,147.20
		other tools that do not require extensive training. Ex. pipe layer,				
		herder, concrete placement, materials spreader, flagger, etc.				
Equipment Operators, Heavy	233	Includes: Cranes, Hydraulic Excavators >=50 HP, Dozers, Paving		\$34.58	80	\$2,766.40
		Machines, Rock Trenchers, Trenchers >=12 in., Dump Trucks, Ag				
		Equipment >=150 HP, Scrapers, Water Wagons.				
Mobilization						
Mobilization, large equipment	1140	Equipment >150HP or typical weights greater than 30,000 pounds or	8	\$912.50	1	\$912.50
		loads requiring over width or over length permits.				

This practice involves the use of heavy machinery to treat an area in order to improve site conditions for establishing trees and/or shruls. Typical sites induce trees and bruch rever that is not appropriate to the site or productivity and nearball and undergrade plate condition. Understanding plate distances and bruch trees and bru

Scenario Typical Size: 40.00 Scenario Total Cost:		\$9,508.18				
Scenario Cost/Unit:		\$237.70				
Cost Details:						
Component	ID	Description		Cost	QTY	Total
Equipment Installation						
Heavy mechanical site prep,	1314	Mechanical operations that shear trees and vegetation. Requires heavy equipment	4	\$168.95	24	\$4,054.80
shearing, V-blade, K-G blading		such as dozers, Includes equipment, power unit and labor	c			
		costs.				
Heavy mechanical site prep, raking	1317	Mechanical operations that pushing and raking trees and vegetation. Requires heavy equipment such as dozers. Includes equipment, power unit and labor costs.	4	\$160.81	24	\$3,859.44
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that	ŀ	\$28.68	8	\$229.44
		do not require extensive training. Ex. pipe layer, herder, concrete placement,	c			
		materials spreader, flagger, etc.				
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors,	ŀ	\$45.20	10	\$452.00
		foremen and farm/ranch managers time required for adopting new technology, etc.	c			
Mobilization						
Mobilization, large equipment	1140	Equipment >150HP or typical weights greater than 30,000 pounds or loads	E	\$912.50	1	\$912.50
		requiring over width or over length permits.	a			

This practice involves the use of light/indexists machinery is due allow ground repetation and to due replace/IN underground not system is order to improve the conditions for establishing trees and/or should. Typical larse locate and in the due replace/IN underground not system is order to improve the conditions for establishing trees. Typical larse locate and its due to the task of the

# Scenario Typical Size: 40.00 Scenario Total Cost: \$3,929.86 Scenario Cost/Unit: \$98.25 Settline unity units Cost Details: Composet 10 Description (Cost QTV Tetal Ipment hstallable w Mower, Bush Hog 940 Equipment and power unit costs. Labor not included. ▶ \$31.23 20 \$624.60 Notes, Huan, Hog 940 Explorement also power units. Lador the reclusion. 5 5.1.2.1 2.0 5.4.4.30 Tillinge, Primary 940 Includes Exacy difficient (offset) or choice power unit and lador costs. 2 5.1.2.4 3.0 5.4.4.30 Exer Includes Exacy difficient (offset) or choice power unit and lador costs. 2 5.1.2.4 3.0 5.43.40 Exer Includes Exacy difficient (offset) or choice power unit and lador costs. 2 5.1.2.4 3.0 5.41.40 Explorement Operations, Light 2.11 Lador performed using basic tools such as gower fool, thooks, and page, the policients, market in Explore, the policy, heider, concorte policients, market in Explore, foot, Mobilization, medium equipment 1139 Equipment with 70-150 HP or typical weights between 14,000 and 30,000 pounds. E \$755.78 2 \$1,511.56

This practice involves the use of various herbicides applied using ground based machinery (and rank back n-spirit treatment of select treat) is order to remove under table segnation and improve this conditions for establishing treas and/or should. This practice is the include abademachinery (and rank back n-spirit treatment of select treas) is order to remove under table segnation and improve this conditions for establishing treas and/or should. This practice is typically used to address the following reserver commercing dapid address the including herbacross plants and endow segnation. Notices and invasive species may also be present on the site. If left uncontrolled, understable vegatation will inhibit successful establishment of target spaces of trees and/or should. There 'Stuarting' Understable vegatation is a been treated using appropriate herbicides, reducing competition for target trees and/or shoulds. Site conditions are favorable for successful establishment of trees and/or shoulds. The feature is the vegatation is to be the set address the feature is the vegatation is a been treated using appropriate herbicides, reducing competition for target trees and/or shoulds. Site conditions are favorable for successful establishment of trees and/or shoulds. The feature is of the pre-set of the set of the set address the feature is the vegatation is a been treated using appropriate herbicides, reducing competition for target trees and/or shoulds. Site conditions are favorable for successful establishment of trees and/or shoulds. The feature is of the pre-set of the set of the set

Scenario Typical Size: 40.00 Scenario Total Cost:		\$8,434.62				
Scenario Cost/Unit:		\$210.87				
Cost Details:						
Component	ID	Description		Cost		Total
Equipment Installation						
Chemical, spot treatment, single stem application	964	Ground applied chemical to individual plants or group of plants, e.g., backpack sprayer treatment. Equipment and labor cost included.	e e	\$80.87	20	\$1,617.40
Chemical, ground application, forested land	1313	Chemical application performed by ground equipment where trees and terrain impede passage of wide boom sprayers. Utilizes forestry application methods that include heave equipment such as didders. includes material, equipment, power unit and labor costs.	4	\$111.25	40	\$4,450.00
Labor						
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	ŀ	\$45.20	20	\$904.00
Materials						
Herbicide, Glyphosate	334	A broad-spectrum, non-selective systemic herbicide. Refer to WIN-PST for product names and active ingredients. Includes materials and shipping only.	4	\$12.66	40	\$506.40
Herbicide, Triclopyor	338	Refer to WIN-PST for product names and active ingredients. Materials and shipping	4	\$34.16	4	\$136.64
Herbicide, Surfactant	1095	Surfactants reduce the surface tension of water to produce more uniform coverage and penetration of herbicides, and weed killers. Paraffin Based Petroleum Surfactant. Refer to WIN-PST for product names and active ingredients. Includes materials and shipping only.	¢	\$1.61	40	\$64.40
Mobilization						
Mobilization, medium equipment	1139	Equipment with 70-150 HP or typical weights between 14,000 and 30,000 pounds.	E	\$755.78	1	\$755.78

	490 - Tree/Shrub Site Preparation
Scenario:	#6 - Hand site preparation
Scenario	Description:

This practice typically involves grabing all segration from the area of ground prior to the establishment of trees and/or shrule. Typical sites include land such as add fields, parameter, angelands, agricultural leids, or abandone forests that are mostly grass or weed covered. This practice is typically used to address the following resource concerns: degraded plant condition -underlande plant productivity and health and inadequate structure. Before Struction: The site contains underlande vegetation including healthcocking and woody plants. Notions and invasive species may also be present on the site. If left uncontrolled, underlande vegetation will inhibit successful establishment of target species of press and/or shrules are compacted as a result of recent timber harvesting activities or other land uses. If left uncontrolled, underlande vegetation will exhibit successful establishment of target species of press and/or shrules are compacted as a result of recent timber harvesting activities or other land uses. If left uncentrolled, underlande vegetation will exhibit successful establishment of target species of press and/or shrules, are compacted as a result of recent timber harvesting activities or other land uses. If left untreated poor survival or reduced growth of trees/shrules allowers and/or shrules are graded bad of a 4 fb y 4 ft area, leaving bare soil, at each planting spect. These sendings and/or shrules are planted at each sport. Adequate moistans, space and light is available allowing plants to grow property. Site conditions are favorable for successful establishment of trees and/or shrules is to acress. Feature Measure: Area of Treatment Scenario Unit: Area 
 Scenario Unit:
 10.00

 Scenario Typical Size:
 10.00

 Scenario Total Cost:
 \$2,662.20

 ----+A Init:
 \$2662.20
 Scenario Cost/Unit: Cost Details:

	Component	ID	Description			Cost	QTY	Total
Labor								
General Labor		231	Labor performed using basic tools such as power tool, shovels, and	Hours	\$28.6	8 55	\$1,577.40	
							ining. Ex. pipe la der, flagger, etc.	
Supervisor or Mai and farm/ranch n adopting new tec	nanagers time req		abor involving supervision or management activities. Includes crew	Hours	\$45.20	24	\$1,084.80 sup	ervisors, foremen

Remove and dispecial of broch and trees > 6 inches in flameter by denotition, excavation or other means required for removal. Dispose of all bruch and trees is but it does not impede subsequent work or case online or offsite damage. Dispose of all bruch and trees by memoral to an approved latitudity, and or land distribution, or recycling center, bruit all and paper decation or burning it flaming it used. The subsequence approved latitudity and trees by memoral to an approved latitudity. The subsequent and or land distribution, or recycling center, bruit all and paper decation or burning it flaming it used. The subsequence approved latitudity and trees is the installation of consuminon partices or present is hand and to the set of the prevention partices. The subsequent has a distribution and the subsequent work or case distribution. The subsequence and the prevention or hindrates to be installation of consuminon partices or present is hand to be installation of a subsequence match to be installation of a subsequence match to be installation of the prevention areas, frame, ranches, and area saffected by natural distances. This is not installed for the removal of distributions from apaptic environments. The bypcal area will be 3.2 area impaired area. The removal of arbitrations from apaptic environments. The bypcal area will be 3.2 area impaired area. The removal of arbitrations from dameter will be predictions from the distribution areas in the distributing and treas is

Scenario Typical Size: 2.00 Scenario Total Cost:		\$4,696.77				
Scenario Cost/Unit:		\$2,348.39				
Cost Details:						
Component	ID	Description		Cost		Total
Equipment Installation Dozer, 200 HP	928	Track mounted Dozer with horsepower range of 160 to 250. Equipment and power unit costs. Labor not included.	1	\$180.75	12	\$2,169.00
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	1	\$25.07	12	\$300.84
Brush Chipper, 15 in. capacity	1868	Brush Chipper, 15 inch capacity, typically 165 HP. Includes chipper and power unit. Does not include labor.	3	\$75.11	12	\$901.32
Labor						
Skilled Labor	230	Labor requiring a high level skill set: includes carpenters, welders, electricians, conservation professionals involved with data collection, monitorine, and or record keepine. etc.	8	\$38.71	13	\$503.23
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	1	\$28.68	13	\$372.84
Equipment Operators, Heavy	233	Includes: Cranes, Hydraulic Excavators >=50 HP, Dozers, Paving Machines, Rock Trenchers, Trenchers >=12 in., Dump Trucks, Ag Equipment >=150 HP, Scrapers, Water Wagons.	5	\$34.58	13	\$449.54

Remove and disposal of brush and trees < 6 inches in diameter by denotition, escuration or other means required for removal. Dispose of all brush and trees so that it does not impede subsequent work or cause onitio or offlate damage. Tappes et all brush and trees by memoral to an approval intellit, word disposing and rund distribution, or resc-late correct, bruit at an approval contron or bruing it toget. The second disposal and trees is the second disposed back hashes and the second disposed disposed disposed and the second disposed di

Scenario Typical Size: 2.00 Scenario Total Cost:		\$2,878.37				
Scenario Cost/Unit:		\$1,439.19				
Cost Details:						
Component	ID	Description		Cost	QTY	Total
Equipment Installation						
Dozer, 140 HP	927	Track mounted Dozer with horsepower range of 125 to 160. Equipment and power	F	\$99.10	8	\$792.80
		unit costs. Labor not included.	c			
Brush Chipper, 6 in. capacity	938	Brush Chipper, 6 inch capacity, typically 35 HP. Includes chipper and	F	\$34.58	8	\$276.64
		power unit. Labor not included.				
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	F	\$25.07	8	\$200.56
Labor						
Skilled Labor	230	Labor requiring a high level skill set: Includes carpenters, welders, electricians,	F	\$38.71	9	\$348.39
		conservation professionals involved with data collection, monitoring, and or record keeping, etc.	c			
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that	ŀ	\$28.68	9	\$258.12
		do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	c			
Equipment Operators, Light	232	Includes: Skid Steer Loaders, Hydraulic Excavators <50 HP, Trenchers	F	\$30.76	8	\$246.08
		<12 in., Ag Equipment <150 HP, Pickup Trucks, Forklifts, Mulchers	c			
Mobilization						
Mobilization, medium equipment	1139	Equipment with 70-150 HP or typical weights between 14,000 and	E	\$755.78	1	\$755.78
		30.000 pounds.				

Repar and rehabilitation of compacted earth road in existing alignment in dry, level terrain. Terrain should be considered level for slopes of 0-5%. The extent of construction work over an existing alignment is assumed to average 30% of the work (for a new instabilition. Approprint construction) well defined access road will alignment in security and the state of t

necessity in initial the practice. The product of the practice of the practic

Scenario Total Cost:		\$2,577.61				
Scenario Cost/Unit:		\$5.16				
Cost Details:						
Component	ID	Description		Cost		Total
Equipment Installation						
Excavation, Common Earth, side	48	Bulk excavation and side casting of common earth with hydraulic	Cubic Yards	\$2.46	65	\$159.90
cast, small equipment		excavator with less than 1 CY capacity. Includes equipment and labor.				
Earthfill, Roller Compacted	49	Earthfill, roller or machine compacted, includes equipment and labor	Cubic Yards	\$3.90	205	\$799.50
Fertilizer, ground application, dry bulk	950	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	4	\$7.52	0.12	\$0.90
Lime application	953	Lime application performed by ground equipment. Includes equipment, power unit	4	\$9.13	0.12	\$1.10
		and labor costs.	c			
Labor						
Skilled Labor	230	Labor requiring a high level skill set: Includes carpenters, welders, electricians,	F	\$38.71	10	\$387.10
		conservation professionals involved with data collection, monitoring, and or record keeping, etc.	c			
Materials		monitoring, and of record keeping, etc.				
Native Perennial Grasses. Low	2750	Native perennial grasses, may include a small percentage of annual species for	4	\$134.97	0.12	\$16.20
Density		establishment purposes and/or if allowed by the CPS.	ć			
		Planted at lower to medium density (40 pure live seeds/sq ft and less).				
		Includes material and shipping.				
Mobilization						
Mobilization, small equipment	1138	Equipment <70 HP but can't be transported by a pick-up truck or with typical	E	\$300.42	1	\$300.42
		weights between 3,500 to 14,000 pounds.	3			
Mobilization, large equipment	1140	Equipment >150HP or typical weights greater than 30,000 pounds or loads requiring over width or over length permits.	E	\$912.50	1	\$912.50
Repair and rehabilitation of a compacted	earth or gr	avel road where it is determined that gravel is needed for the repair with min. 12 inch	thick compacts	ed gravel surface	over seotextile	on existing alignme
		for slopes of 0-5%. The extent of construction work over an existing alignment is assu				
		source concerns related with compaction, emissions of fugitive dust, and excessive se				
		vild fire hazards. Short term air quality deterioration may result if proper dust control r als, vegetation of disturbed areas, and all equipment, labor and incidental materials ne			during the prac	tice installation. Cos
include excavation, snaping, grading, sur Refore Situation:	ace materi	ais, vegetation of disturbed areas, and all equipment, labor and incidental materials ne	cessary to insta	ill the practice.		
	access ros	id which is beyond its useful lifespan, can no longer be used as intended without rehab	ilitation If left	in its current co	ndition it will r	result in continued
		d emissions of fugitive dusts. This scenario is applicable where the resource activity are				
and swampy but level terrain lands.						
After Situation:						
		a full 14 feet width with a geotextile and 12' gravel surface at the top, mostly in emb				
		ir eliminate compaction in land use areas where it is harmful, reduce emissions of fugi wing drainage of irrigated lands. Planned grades will include all dios and water bars. If				
		wing drainage of irrigated lands. Planned grades will include all dips and water bars. It ss road should be covered by either Structures for Water Control (587) or Stream Cros				
		this Practice. Diversions constructed as part of access road should be covered by Dive				
Dust control must be addressed under Du	ist Control	on Unpaved Roads and Surfaces (373). Mulching should be addressed under Mulching	(484).			
Feature Measure: Leegth of Roadway Scenario Unit: Feet						

nario Typical Size: 500.00

Scenario Total Cost:		\$5,634.34				
Scenario Cost/Unit:		\$11.27				
Cost Details:						
Component	ID	Description		Cost	QTY	Total
Equipment Installation						
Geotextile, woven	42	Woven Geotextile Fabric. Includes materials, equipment and labor	Square Yard	\$1.10	300	\$330.00
Earthfill, Roller Compacted	49	Earthfill, roller or machine compacted, includes equipment and labor	Cubic Yards	\$3.90	125	\$487.50
Fertilizer, ground application, dry bulk	950	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	/ c	\$7.52	0.12	\$0.90
Lime application	953	Lime application performed by ground equipment. Includes equipment, power unit and labor costs.	, A C	\$9.13	0.12	\$1.10
Excavation, common earth, wet, side cast, large equipment	1228	Bulk excavation and side casting of wet common earth with hydraulic excavator or dragline with greater than 1 CY capacity. Includes equipment and labor.	Cubic Yards	\$4.59	65	\$298.35
Labor						
Skilled Labor	230	Labor requiring a high level skill set: includes carpenters, welders, electricians, conservation professionals involved with data collection, monitoring, and or record keeping, etc.	F C L	\$38.71	10	\$387.10
Materials						
Aggregate, Gravel, Ungraded, Quarry Run	1099	Includes materials and local delivery within 20 miles of quarry or pit. Placement costs are not included.	Cubic Yards	\$26.92	85	\$2,288.20
Native Perennial Grasses, Low Density	2750	Native perennial grasses, may include a small percentage of annual species for establishment purposes and/or if allowed by the CPS. Planted at lower to medium dentity (40 pure live seeds/sq ft and less). Includes material and shipping.	¢	\$134.97	0.12	\$16.20
Mobilization						

 Instrume
 Description

 Application
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Scenario Typical Size: Scenario Total Cost:	500.00	\$11,407.54
Scenario Cost/Unit:		\$22.82
Cost Details:		

Con	nponent ID		Description		Cost		Total
Equipment Installation							
Geotextile, woven	42	Woven Geotextile Fabric. In	cludes materials, equipment and labor	Square Yard	\$1.10	300	\$330.00
Earthfill, Roller Compa	cted 49	Earthfill, roller or machine of	compacted, includes equipment and labor	Cubic Yards	\$3.90	125	\$487.50
Fertilizer, ground appli bulk	ication, dry 950	<ul> <li>Dry bulk fertilizer applicatio power unit and labor costs.</li> </ul>	in performed by ground equipment. Includes equipm	nent, A	\$7.52	0.12	\$0.90
Lime application	953	Lime application performed and labor costs.	I by ground equipment. Includes equipment, power	unit A	\$9.13	0.12	\$1.10
Excavation, common e side cast, large equipm			asting of wet common earth with hydraulic excavato I CY capacity. Includes equipment and labor.	r or Cubic Yards	\$4.59	65	\$298.35
Labor							
Skilled Labor	230		skill set: includes carpenters, welders, electricians, involved with data collection, monitoring, and or rec	ord c	\$38.71	10	\$387.10
Aggregate, Gravel, Uni	araded. 109	Includes materials and level	delivery within 20 miles of guarry or pit.	Cubic Yards	\$26.92	55	\$1,480.60
Quarry Run	98060, 105	Placement costs are not inc		Could Tarda	920.92		51,400.00
Geocell, 6 inch	184	made from high-density pol polyester or another polym	ement system, three-dimensional, expandable panels lyethylene (HDPE), er material. Includes materials, labor and inly, does not include backfill.	Square Yard	\$27.42	240	\$6,580.80
Native Perennial Grass Density	es, Low 275			J.	\$134.97	0.12	\$16.20
Mobilization							
Mobilization, large equ		requiring over width or over	al weights greater than 30,000 pounds or loads r length permits.	E	\$912.50	2	\$1,825.00
	United States	Department of				M	aine Practice
ISDA	Agriculture Na Conservation	tural Resources Service	Scenario Code: MEEF56010				enarios - Fiscal Y 124
Practice: 560 - Access Road							
and Debah Stanlag of a	inter work and is add, down						

Sectario: The Matthew develops with users with watersees Sectario Description: Required in the Matthew develops with the matthew develops of the sector of

Jefore Situation: In agricultural enterprise with an existing access road which is beyond its useful lifespan, can no longer be used as intended without rehabilitation. If left in its current condition, it will result in continued compaction, excessive sediment in surface water and emissions of fugitive dusts. This scenario is applicable where the resource activity areas with an existing but diapidated access road consist of relatively dry

An agricultural enterprises with in enterprises (a cost total winch log-point to date uniting), can the bagine to use a interacted without reflexionation. It will not account of relatively of the date with the point of the second se

Scenario Typical Size: 500.00 Scenario Total Cost: \$3,032.61 Scenario Cost/Unit: \$6.07

Compo	nent ID		Description		Cost	QTY	Total
quipment Installation		+					
Excavation, Rock, Ripping	47	Excavation, rock, mechanical rip	ping, includes equipment and labor	Cubic Yards	\$4.24	80	\$339.20
Excavation, Common Eart cast, small equipment	h, side 48	Bulk excavation and side casting less than 1 CY capacity. Include:	of common earth with hydraulic excavator with equipment and labor.	Cubic Yards	\$2.46	120	\$295.20
Earthfill, Roller Compacte	d 49	Earthfill, roller or machine comp	acted, includes equipment and labor	Cubic Yards	\$3.90	200	\$780.00
Fertilizer, ground applicat bulk	ion, dry 950	Dry bulk fertilizer application pe power unit and labor costs.	rformed by ground equipment. Includes equipment,	/ c	\$7.52	0.12	\$0.90
Lime application	953	Lime application performed by g and labor costs.	round equipment. Includes equipment, power unit	ć	\$9.13	0.12	\$1.10
abor							
Skilled Labor	230		set: includes carpenters, welders, sionals involved with data collection, 1g, etc.	ŀ	\$38.71	10	\$387.10
Materials							
Native Perennial Grasses, Density	Low 2750	species for establishment purpo	clude a small percentage of annual ses and/or if allowed by the CPS. sity (40 pure live seeds/sq ft and less).	,	\$134.97	0.12	\$16.20
Mobilization							
Mobilization, small equip	ment 1138	Equipment <70 HP but can't be typical weights between 3,500 t	ransported by a pick-up truck or with 0 14,000 pounds.	E	\$300.42	1	\$300.42
Mobilization, large equips	ment 1140	Equipment >150HP or typical we requiring over width or over len	lights greater than 30,000 pounds or loads gth permits.	E	\$912.50	1	\$912.50
	United States D	epartment of	Scenario Code:			Maine	
	Agriculture		MEEE56011				

 Process
 Process

 Process
 Process

Scenario Typical Size: 500.00

Scenario Total Cost:		\$6,225.99				
Scenario Cost/Unit:		\$12.45				
Cost Details:						
Component	ID	Description		Cost		Total
Equipment Installation						
Geotextile, woven	42	Woven Geotextile Fabric. Includes materials, equipment and labor	Square Yard	\$1.10	300	\$330.00
Excavation, Rock, Ripping	47	Excavation, rock, mechanical ripping, includes equipment and labor	Cubic Yards	\$4.24	80	\$339.20
Earthfill, Roller Compacted	49	Earthfill, roller or machine compacted, includes equipment and labor	Cubic Yards	\$3.90	125	\$487.50
Fertilizer, ground application, dry bulk	950	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	, ,		0.12	\$0.90
Lime application	953	Lime application performed by ground equipment. Includes equipment, power unit and labor costs.	A 0	\$9.13	0.12	\$1.10
Excavation, common earth, wet, side cast, large equipment	1228	Bulk excavation and side casting of wet common earth with hydraulic excavator or dragline with greater than 1 CY capacity. Includes equipment and labor.	Cubic Yards	\$4.59	120	\$550.80
Skilled Labor	230	Labor requiring a high level skill set: Includes carpenters, welders, electricians, conservation professionals involved with data collection,	•	\$38.71	10	\$387.10
Materials		monitoring, and or record keeping, etc.				
Aggregate, Gravel, Ungraded, Quarry Run	1099	Includes materials and local delivery within 20 miles of quarry or pit. Placement costs are not included	Cubic Yards	\$26.92	85	\$2,288.20
Native Perennial Grasses, Low Density	2750	Placement costs are not included. Native percental grasses, may include a small percentage of annual species for establishment purposes and/or if allowed by the CPS. Planted at lower to medium density (40 pure live seeds/sc ft and less). Includes material and shipping.	r r	\$134.97	0.12	\$16.20
Mobilization						
Mobilization, large equipment	1140	Equipment >150HP or typical weights greater than 30,000 pounds or loads requiring over width or over length permits.	E	\$912.50	2	\$1,825.00

Practice: 560 - Access Road Scenario: #12 - Rehabilitation

Scenardie: <sup>10 Manufanta fang tang approx ink spenning Rapiar and rehabilitation of compacted early, gravel, or geoscill road where it is determined that geosefi is needed for the repair with min. 6 inch thick compacted gravel with geosefi is sufficient on existing alignment in soft, see podder that. Terrain should be considered sloped for slopes of 3%. The extent of constructions work over an existing alignment is assumed to average 30% of the work for a new initialization. A properly constructed, well defined access road will address resource concerns related with compaction, emission of lagitive dust, and excessive address in a new initial productive lager and heat and substantial reducts the thorace of well for heatance of wells that and the properties of the provide control measures are not implemented dusting between the process well and the properties of the provide scenarios. The provide scenario areas are not implemented dusting between the process are not implemente</sup>

Before Statistics: An apricultural enterprise when a nesting access road which is beyond its useful infegancy can no longer be used as intended without rehabilitation. If left in its current condition, it will result in continued compaction, excessive adment in nutrice water and emissions of fugitive dusts. This scenario is applicable where the resource activity areas with an existing but displated access road consist of relatively wet and areas will be 1 for wide with gostentile, 6 inch gravet, and gooodil surfacing, 11 is mostly in embanisment less than 1 feet in height, (average 2 ft) typical side slopes 2.1. Out of total necareoton, 60% is considered common earth and dR/h and 6 go rocks. A poperfunctionative, well defined access road will gost previous the relative to applicable where the resource activity areas with an existing but displated access road consist of the structure scondored common earth and dR/h and 6 go rocks. A poperfunction constructive, well defined access road and in gravity resizes sheet, III. and water areas with and existing the structure to applicable where the resource activity guesting is a structure and and the structure to applicable access road access road and participation in the structure to applicable access road construct of the structure to applicable access road road access road access

# Scenario Typical Size: 500.00 Scenario Total Cost: \$11,999.19

\$24.00

Scenario Cost/Unit:	

	ID	Description		Cost	QTY	Total
aupment Installation						
Geotextile, woven	42	Woven Geotextile Fabric. Includes materials, equipment and labor	Square Yard	\$1.10	300	\$330
Excavation, Rock, Ripping	47	Excavation, rock, mechanical ripping, includes equipment and labor	Cubic Yards	\$4.24	80	\$339
Earthfill, Roller Compacted	49	Earthfill, roller or machine compacted, includes equipment and labor	Cubic Yards	\$3.90	125	\$487
Fertilizer, ground application, dry bulk	950	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	۸ د	\$7.52	0.12	\$0
Lime application	953	Lime application performed by ground equipment. Includes equipment, power unit and labor costs.	4	\$9.13	0.12	\$1
Excavation, common earth, wet, side cast, large equipment	1228	Bulk excavation and side casting of wet common earth with hydraulic excavator or dragline with greater than 1 CY capacity. Includes equipment and labor.	Cubic Yards	\$4.59	120	\$550
ibor						
Skilled Labor	230	Labor requiring a high level skill set: includes carpenters, welders, electricians, conservation professionals involved with data collection, monitoring, and or record keeping, etc.	ŀ	\$38.71	10	\$387
laterials						
Aggregate, Gravel, Ungraded, Quarry Run	1099	Includes materials and local delivery within 20 miles of guarry or pit. Placement costs are not included.	Cubic Yards	\$26.92	55	\$1,480
Geocell, 6 inch	1842	6-inch thick cellular confinement system, three-dimensional, expandable panels made from high-density polyethylene (HDPE), polyester or another polymer material. Includes materials, Jabor and equipment for the geocell only, does not include backfill.	Square Yard	\$27.42	240	\$6,580
Native Perennial Grasses, Low Density	2750	Native perennial grasses, may include a small percentage of annual species for establishment purposes and/or if allowed by the CPS. Planted at lower to medium density (40 pure live seeds/sq ft and less). Includes material and shipping.	¢	\$134.97	0.12	\$16
obilization						
Mobilization, large equipment	1140	Equipment >150HP or typical weights greater than 30,000 pounds or loads requiring over width or over length permits.	E	\$912.50	2	\$1,825

Scenario Description: Protection of transmissi using iropa to stabilize and protect banks of transm signific toour and erosion. The purpose of this practice is to maintain, improve, or restore physical, chemical, and biological functions of a stransm to provide diverse squaric communities to improve habitat for diversiond aquitary species. Projent cost include shaping bank, genetating and principal genetic genet, in practice scenario is a 20 feet thick bialanted forck ripray, placed on a 15 to 1 stope, installed on amended stramathank which is 2006 feed to specific and reseptisted Resource Concerns: Soft Erosion - Executive Bank Erosion from Stramas, Shoreline and Valuer Comeynex Chamarde scenario bank and the shore the pray will be graded to a stable shore and reseptisted Resource Concerns: Soft Erosion - Executive Bank Erosion from Stramas, Shoreline and Valuer Comeynex Chamarde

stream Booms. He also above the right was de grante to a labor supp and heregetates Andorez Londents. You in scraim, Southan Statum, Statu Statum, Sta

## Feature Measure: Volume of Riprap

Scenario Unit: Cubic Yards					
Scenario Typical Size: 240.00					
Scenario Total Cost:	\$35,409.50				
Scenario Cost/Unit:	\$147.54				
Cost Details:					
Component	ID Description		Co	Q	Total
Equipment Installation					
Hydraulic Excavator, 1 CY	931 Track mounted hydraulic excavator with bucket capacity range of 0.8 to	÷			\$1,290.00
	1.5 CY. Equipment and power unit costs. Labor not included.	c			
Labor					
Equipment Operators, Heavy	233 Includes: Cranes, Hydraulic Excavators >=50 HP, Dozers, Paving Machines, Rock	F	(and and		\$345.80
	Trenchers, Trenchers >=12 in., Dump Trucks, Ag	c			
Supervisor or Manager	Equipment >=150 HP, Scrapers, Water Wagons. 234 Labor involving supervision or management activities. Includes crew supervisors,		Serie Art	5	\$226.00
	foremen and farm/ranch managers time required for adopting new technology, etc.	c			
Materials					
Rock Riprap, Placed with geotextile	44 Rock Riprap, placed with geotextile. Includes materials, local delivery within 20 miles of quarry, and placement.	Cubic Yards		240	\$32,635.20
Mobilization					
Mobilization, large equipment	Equipment >150HP or typical weights greater than 30,000 pounds or loads	Eac	\$912.50	1	\$912.50

Typical biominening scenario is a jot of land which is 200 (ong by 10" wide (2000 b) installed on the upper part of the streambank.Resource Concents: Sol Ensoin- Excessive Bank Ension Forson. Solarile and Marke Companyance Channels; Water Quality Organiston - Excessive Sediment in Surface Water, Water Quality Organiston - Elevated Water Temperature, Excess/Insufficient Water - Descessive Sediment in Surface Water, Madera Insulation for its and while healts to granize Market Analoxacouter Principse Under Solari Ancens Read (34) - Official Area Paralley, 32 - Force, 391 - Reparate Foreir Sulf - Stander Market Market (2001) 50 - Standers Market (2001)

70-30 comment FundT Coston. Lefterer Situation: stream biasets the agricultural property and has had all of the woody vegetation removed due to overgrating or human manipulation; the upper part of the streambank is degrated, unstable and show signs of citizeness biasets the agricultural property and has had all of the woody vegetation removed due to overgrating or human manipulation; the upper part of the streambank is degrated, unstable and show signs of citizeness biasets and the streamband due to the stream resulting in elevated water temperatures. Excess/Insufficient Water: The excessive sediment load has reduced the writer compares capacity, respect participation the stream. Insufequate Habitat for Fish and Wildlife: The deficiencies in the stream's habitat limit survival, growth, reproduction, and/or diversity of aquatic regrations within the stream.

Scenario Unit: Square Scenario Typical Size: Scenario Total Cost:	Feet 2,000.00
	*** *** **

\$10,169.46 Scenario Cost/Unit: \$5.08 Cost Details

Com e	ID	Description		Cost	QTY	Total
upment Installation						
Backhoe, 80 HP	926	Wheel mounted backhoe excavator with horsepower range of 60 to 90.	F.	\$65.42	10	\$654
		Equipment and power unit costs. Labor not included.				
Tractor, agricultural, 120 HP	962	Agricultural tractor with horsepower range of 90 to 140. Equipment and power unit	F.	\$74.25	10	\$742
		costs. Labor not included.	c			
sor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and	E.	\$28.68	20	\$573.
		other tools that do not require extensive training. Ex. pipe layer,				
		herder, concrete placement, materials spreader, flagger, etc.				
Equipment Operators, Light	232	Includes: Skid Steer Loaders, Hydraulic Excavators <50 HP, Trenchers	E.	\$30.76	10	\$307
		<12 in., Ag Equipment <150 HP, Pickup Trucks, Forklifts, Mulchers	c			
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors,	F.	\$45.20	10	\$452
		foremen and farm/ranch managers time required for adopting new technology, etc.	c			
iterials						
			-			
Tree & Shrub, Woody, Cuttings,	1308	Woody cuttings, live stakes or whips typically 1/4 to 1 inch diameter	E	\$2.01	200	\$402
Medium		and 24 to 48 inches long. Includes materials and shipping only.				
Wattles or fascines, 4 to 5 inch diameter	1903	Fascines, or wattles: bundles of live tree stems of species that sprout roots, bound together. 4-5 inch diameter. Includes materials and	F	\$5.49	200	\$1,098
chaineder		shipping only.				
Wattles or fascines, 6 to 8 inch	1904	Fascines, or wattles: bundles of live tree stems of species that sprout roots, bound	F	\$9.16	200	\$1,832
diameter		together, 6-8 inch diameter. Includes materials and	e			
		shipping only.				
Wattles or fascines, 9 to 12 inch	1905	Fascines, or wattles: bundles of live tree stems of species that sprout roots, bound	F	\$12.98	200	\$2,596
diameter		together, 9-12 inch diameter. Includes materials and	e			
		shipping only.				

Security Generation Constrained on constrained of conventional plantages of registration to stability and portext against scalar and ensistes. The parpose of this practice is to maintain, improve, or restore physical, chemical, and biological functions of a strane to pravide diverse against convention to omprove habits for diverse datasets. The paragraphical functions of a strane to pravide diverse against communities to omprove habits for diverse datasets. The paragraphical functions of a strane to pravide diverse against communities to omprove habits for diverse datasets. The paragraphical functions of a strane to pravide diverse against communities to omprove habits for diverse datasets. The paragraphical functions of a strane to pravide diverse against communities to any diverse data and pravide the strane to addiver diverse stranges. Hence, and concerns the stranges are stranges on the strange datasets and the strange magnetic datasets begandation. Accesses table and in the strange magnetic datasets begandation. Accesses table and in the strange magnetic datasets begandation. Accesses table and in the strange magnetic datasets begandation. Accesses table and the stranges magnetic datasets begandation access the stranges tables and the stranges magnetic datasets begandation access the stranges tables and the stranges magnetic datasets begandation and stranges and stranges magnetic datasets for the stranges tables and the stranges magnetic datasets for datasets for datasets for datasets and stranges magnetic datasets for datasets and stranges tables for the stranges tables and the stranges magnetic datasets for the stranges magnetic datasets and stranges datasets for the stranges tables and tables the stranges magnetic datasets for the stranges magnetic datasets and tables the stranges magnetic datasets and tables the stra

Feature Measure: Linear Feet of Streambark/Shorelin Scenario Unit: Feet

Scenario Typical Size: 1,000.00 Scenario Total Cost: \$27,607.89 Scenario Total Cost: 327,007.03 Scenario Cost/Unit: \$27.61 Cost Details: on Earth, side 48 Bulk excavation and side casting of common earth with hydraulic Cubic Yards \$2.46 2500 \$6,150.00 cast, small equipment esc/avitor with less than 1 Cf capacity. Includes equipment and labor. Dater, 80 IPP 29 Tack monthed Dezer with horspearer range of 60 to 90. Equipment and power p structures Labor not included. See the structure range of 60 to 90. Equipment and power p structures that the structure range of 60 to 90. Equipment and power p structures that the structure range of 60 to 90. Equipment and power p structures that the structure range of 60 to 90. Equipment and structures. See and the structure range of 60 to 90. Equipment power structures that the structures the forward structure range of 60 to 90. Equipment power structures that blace ranses. 
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 Scenarios - Fiscal Year 2024

Protection of streamback using include time resource tasks in grage concerns black galaxies, the task is the stream of measured black galaxies tasks in the streamback black galaxies tasks t

Feature Measure: Linear Feet of Streambark/Shorelin Scenario Unit: Feet

# Scenario Typical Size: 1,000.00 Scenario Total Cost: \$267,956.61

Scenario Cost/Unit:

Scenario Cost/Unit:		\$267.96				
Cost Details:						
Component	ID	Description		Cost	QTY	Total
Equipment Installation						
Earthfill, Roller Compacted	49	Earthfill, roller or machine compacted, includes equipment and labor	Cubic Yards	\$3.90	2500	\$9,750.00
Dozer, 80 HP	929	Track mounted Dozer with horsepower range of 60 to 90. Equipment and power unit costs. Labor not included.	F c	\$77.39	16	\$1,238.24
Seeding Operation, Broadcast, Ground	959	Broadcast seed via ground operation. May require post tillage operation to incorporate seed. Includes equipment, power unit and labor costs.	4 c r	\$13.85	0.12	\$1.66
Excavation, common earth, wet, side cast, large equipment	1228	Bulk excavation and side casting of wet common earth with hydraulic excavator or dragline with greater than 1 CY capacity. Includes equipment and labor.	Cubic Yards	\$4.59	2500	\$11,475.00
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	F	\$28.68	360	\$10,324.80
Equipment Operators, Light	232	Includes: Skid Steer Loaders, Hydraulic Excavators <50 HP, Trenchers <12 in., Ag Equipment <150 HP, Pickup Trucks, Forklifts, Mulchers	F	\$30.76	16	\$492.16

Supervisor or Manager	234		management activities. Includes crew supervisors, agers time required for adopting new technology, etc.		\$45.20	90	\$4,068.00
Materials							
Rock Riprap, Placed with	44	Rock Riprap, placed with geote	extile. Includes materials, local delivery	Cubic Yards	\$135.98	1667	\$226,678.66
geotextile		within 20 miles of quarry, and	placement.				
Erosion Control Blanket, biodegradable	1213	Biodegradable erosion control reinforcing polymer netting. N	I blanket, typically a composite of natural fibers with Materials and shipping only.	Square Yard	\$1.69	556	\$939.64
Annual Grasses	2730		pecies, mostly introduced but may be over or cover crops. Includes material and	1	\$40.79	25	\$1,019.75
Mobilization							
	United States De	partment of	Scenario Code:			Main	•

USDA	Agriculture	Code: MEEF5874	Maine
	Natural Resources Conservation Service		Practice Scenarios - Fiscal Year 2024
Development Structure	And Wattan Constant		

Practice: 587 - Structure for Water Contro Scenario: M - Culvest <80 inches HDP6

Scenario Description: Install a new VMPC cluber tandes biological controls in dameter to convey weak under racia or catalor biological controls would be an 24 in childmenter pipe, 40 feet in length. Work includes site preparation, acquiring and installing cluber tips will general biological (compacted), and prop pretention of side singers. Use (198) Aquate Corganism Passage when the primary intent is biological concerns, not biological concerns, biological concern

Scenario Unit: Inch-Foot Scenario Typical Size: 660.00

Section of Abican Size.								
Scenario Total Cost:								
			\$3,611.38					
Scenario Cost/Unit:			\$3.76					
Cost Details:								
Compo	onent	ID		Description		Co		Total
Equipment Installation								
Excavation, Common Earl cast, small equipment	th, side		48 Bulk excavation and side cast with less than 1 CY capacity. Inclus	ing of common earth with hydraulic excavator es equipment and labor.	Cubic Yards	\$2.46	5	\$12.30
Earthfill, Manually Compa	acted		50 Earthfill, manually compacted	i, includes equipment and labor	Cubic Yards	\$6.08	45	\$273.60
Labor								
General Labor		231	Labor performed using basic tools do not require extensive training. If herder, concrete placement, mater		e c	\$28.68	10	\$286.80
Materials								
Rock Riprap, Placed with geotextile		44	Rock Riprap, placed with geotextile miles of quarry, and placement.	Includes materials, local delivery within 20	Cubic Yards	\$135.98	2	\$271.96
Aggregate, Gravel, Grade	d	46	Gravel. includes materials and loca or pit. Placement costs are not incl		Cubic Yards	\$35.04	5	\$175.20
Pipe, HDPE, corrugated d wall, GTE 15 in., soil tight priced		1588	High Density Polyethylene (HDPE) of corrugated pipe Greater Than or Eo Materials only.	ompound manufactured into double wall ual to 15 inch diameter.	F	\$2.45	440.8	\$1,079.96
Mobilization								
Mobilization, medium eq	uipment	1139	Equipment with 70-150 HP or typic	al weights between 14,000 and 30,000 pounds.	E	\$755.78	2	\$1,511.56
	United Sta	tes De	partment of					Maine Practic
ISDA	Agriculture Natural Resources		al Resources					Scenarios - Fis
Conser		on Ser	vice	Scenario Code: MEEF5875				Year 2024
Practice: S87 - Structure for Water Con	lante							

Province
 Province

## Scenario Unit: Inch-Feet Scenario Typical Size: 660.00

Scenario Total Cost:						
		\$3,798.62				
Scenario Cost/Unit:		\$3.96				
Cost Details:						
Component	ID	Description		Co	QTY	Total
Equipment Installation						
Excavation, Common Earth, side		48 Bulk excavation and side casting of common earth with hydraulic	Cubic Yards	\$2.46	5	\$12.30
cast, small equipment		excavator with less than 1 CY capacity. Includes equipment and labor.				
Earthfill, Manually Compacted		50 Earthfill, manually compacted, includes equipment and labor	Cubic Yards	\$6.08	45	\$273.60
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and	- F	\$28.68	10	\$286.80
		other tools that do not require extensive training. Ex. pipe layer,				
		herder, concrete placement, materials spreader, flagger, etc.				
Materials						
Rock Riprap, Placed with geotextile	44	Rock Riprap, placed with geotextile. Includes materials, local delivery within 20 miles of quarry, and placement.	Cubic Yards	\$135.98	2	\$271.96
Aggregate, Gravel, Graded	46	Gravel. includes materials and local delivery within 20 miles of quarry or pit. Placement costs are not included.	Cubic Yards	\$35.04	5	\$175.20
Pipe, CMP, 14-12 gauge, weight priced	1589	14 and 12 gauge galvanized helical corrugated metal pipe priced by the weight of the pipe materials. Materials only.	F	\$0.96	1320	\$1,267.20
Mobilization						
Mobilization, medium equipment	1139	Equipment with 70-150 HP or typical weights between 14,000 and 30,000 pounds.	E	\$755.78	2	\$1,511.56

Improving the hardwood forest setting by hand plasting hardwood tree seedings. Seedings are protected from deer browsing. The number of trees to plant is lower than establishing a new forest. Resource concerns are degraded plant condition - undersmalle productively and handing with hand indeplant and composition, inadequate habitst for final and wildler - habitst degradation. The seeding spinor forest the prevent trees are poor quelty, allow storing lowel, are an undersided sponts. Storing conditions is not met indexeer depletives and parally free. Wildler habitst is good due to the advected expections. How conditions. How concerns are deparable to conditions. Underside the productivity and habitst is product with the advected expections. How conditions, these conditions is used and paratice conditions. Underside the productivity and habitst is product with the advected expection of parally prevent the are regarded plant conditions. Underside the productivity and habitst is productively and habitst is productively and habitst is productively and habitst. How conditions. How conditions, there are constrained and plant the productively and habitst is productively and habitst is productively and habitst is productively and habitst is productively and habitst. How conditions, there are installed the productively and habitst is productively and habitst is

# Scenario Typical Size: 10.00 Scenario Total Cost: \$7,341.39 Scenario Cost/Unit: \$734.14 Cont Details: O Description Conte of the second All central websides, ATV Specific and and paper with uses. Like Tred RELIMBER. Hours \$25.07 25 \$548.75 All terral websides, ATV 965 Includes equipment power with uses. Like Tred RELIMBER. Hours \$17.92 25 \$548.80 Trailer, fatted, uml 155 Small fatted stred (region) test mails and explorate. Truck for included. Hours \$12.31 25 \$558.60 Haid tools, the planting 1120 various hand botted stream (region) test mails and explorate. Truck not included. Hours \$12.31 30 \$582.50 Water tank, portable 1600 planting showl, heed-ad. Equipment only, Like not included. Hours \$12.02 25 \$512.50 Water tank, portable 1600 planting showl, heed-ad. Equipment only, Like not include the pickup Hours \$12.02 25 \$12.10 Water tank, portable 1600 partice method transproprint all partice hours the transproprint all part

	General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement,	Hours	\$28.68	50	\$1,434.00
			materials spreader, flagger, etc.				
	Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for	Hours	\$45.20	4	\$180.80
			adopting new technology, etc.				
Mat	erials						
	Shrub, Seedling, Large	1508	Bare root shrub seedling, 36 to 60 inches tall; includes containerized	Each	\$4.01	300	\$1,203.00
			seedlings larger than 20 cubic inches. Includes materials and shipping only.				
	Tree shelter, solid tube type, 4 in.	1566	4 inch x 48 inch tree tube for protection from animal damage. Materials	Each	\$5.29	300	\$1,587.00
	x 48 in.		and shipping only.				
	Planting gel, polymer	1576	Polymer planting gel that retains water around seedling roots. Materials only.	Poun d	\$11.42	1	\$11.42
	Stakes, wood, 3/4 in. x 3/4 in. x 36 in.	1581	3/4 in. x 3/4 in. x 36 in. wood stakes to fasten items in place. Includes materials only.	Each	\$1.17	300	\$351.00
Mol	illization						
	Mobilization, small equipment	1138	Equipment <70 HP but can't be transported by a pick-up truck or with typical weights between 3,500 to 14,000 pounds.	Each	\$300.42	1	\$300.42

Notice seed (accurs, whit, etc) from solve tree species an directly planted in the soll. Site preparation is completed (darking to eliminate competing vegetation). The notice seed are collected/purchased locally to an top three income to be adapted to local (conditions, Resource concerns are degraded plant condition, indequark habitat for fish and welfit. The benfores formation of the degrades, this well as process, and the notice of the degrades of the solution of the solu

\$1,793.70

# Scenario Typical Size: 2.00 Scenario Total Cost:

Scenario Cost/Unit:		\$896.85				
Cost Details:						
Component	ID	Description		Cost	QTY	Total
Equipment Installation						
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	Hours	\$25.07	12	\$300.8
All terrain vehicles, ATV	965	Includes equipment, power unit and labor costs.	Hours	\$17.92	12	\$215.0
Trailer, flatbed, small	1505	Small flatbed trailer (typically less than 30' in length) pulled by a pickup to transport materials and equipment. Truck not included.	Hours	\$10.24	12	\$122.8
Hand tools, tree planting	1590	Various hand tools for digging holes and planting trees such as augers, dibble bars, planting shovel, hoe-dad. Equipment only. Labor not included.	Hours	\$12.51	12	\$150.1
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hours	\$28.68	12	\$344.1
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	Hours	\$45.20	3	\$135.6
Materials						
Trees and shrubs, seed	1871	Tree or shrub seed, e.g., acorns, to establish trees. Includes materials and shipping only.	Poun d	\$9.36	24	\$224.6
Mobilization						
Mobilization, small equipment	1138	Equipment <70 HP but can't be transported by a pick-up truck or with typical weights between 3,500 to 14,000 pounds.	Each	\$300.42	1	\$300.4

Improving a highly degraded site by hand planting there seedings, appropriate to the site. Seedings are protected from deer browing. The number of trees to plant is a minimum of 200 plantu/ar. Resource defore Situation: If an estimate of the site of the sit

Scenario Total Cost:	\$26,3	374.74				
Scenario Cost/Unit:		\$2,637.47				
Cost Details:						
Component	ID	Description		Cost	QTY	Total
Equipment Installation Truck, Pickup	939	Equipment and power unit costs. Labor not included.	Hours	\$25.07	20	\$501.40
All terrain vehicles, ATV	965	includes equipment, power unit and labor costs.	Hours	\$17.92	20	\$358.40
Trailer, flatbed, small	1505	Small flatbed trailer (typically less than 30' in length) pulled by a pickup to transport materials and equipment. Truck not included.	Hours	\$10.24	20	\$204.80
Hand tools, tree planting	1590		Hours	\$12.51	80	\$1,000.80
Water tank, portable	1602	Portable water tank transported in a pick up truck. Typically with 200 gallon capacity includes tank with pump, hose and sprayer. Does not include the pickup truck. Equipment only.	Hours	\$12.70	20	\$254.00
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hours	\$28.68	80	\$2,294.40
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	Hours	\$45.20	10	\$452.00
Materials						
Shrub, Seedling, Large	1508	Bare root shrub seedling, 36 to 60 inches tall; includes containerized seedlings larger than 20 cubic inches. Includes materials and shipping only.	Each	\$4.01	2000	\$8,020.00
Tree shelter, solid tube type, 4 in. x 48 in.	1566	4 inch x 48 inch tree tube for protection from animal damage. Materials and shipping only.	Each	\$5.29	2000	\$10,580.00
Planting gel, polymer	1576	Polymer planting gel that retains water around seedling roots. Materials only.	Poun	\$11.42	6	\$68.52
Stakes, wood, 3/4 in. x 3/4 in. x in. Mobilization	1581	$3/4$ in. $\times$ $3/4$ in. $\times$ $36$ in. wood stakes to fasten items in place. Includes materials only.	Each	\$1.17	2000	\$2,340.00
Mobilization, small equipment	1138	Equipment <70 HP but can't be transported by a pick-up truck or with typical weights between 3,500 to 14,000 pounds.	Each	\$300.42	1	\$300.42

The setelling will be hand planted in the forested area where few or no forest trees are growing, the existing stand of trees needs underplanting, or the previously planted uselling tree stacking level is below desirable constroms. Wildlife habitat is degraded by loss of forest conditions. This resource concern addressed is degraded plant condition – and indequate structure and composition, and inadequate wildlife do that built. Before Statustion: The stacking level of the forest does not meet the minimum recommended number of trees per area. The existing condition of the forest stand does not meet the landowners objectives. To be a valie forest address leveling need planter, Wildlife habitat is rated poor. They face framework the forest are hand planted on 3D acces, and be objectives of the landowner are met. The forest will provide wildlife habitat, provide a long term ground cover, and capture atmospheric forestare Managemet. <sup>100</sup>

Scenario Typical Size: 6,000.00 Scenario Total Cost:		\$7,130.62				
Scenario Cost/Unit:		\$1.19				
Cost Details:						
Component	ID	Description		Cost		Total
Equipment Installation						
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	Hours	\$25.07	8	\$200.56
Hand tools, tree planting	1590	Various hand tools for digging holes and planting trees such as augers, dibble bars, planting shovel, hoe-dad. Equipment only. Labor not included.	Hours	\$12.51	10	\$125.10
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hours	\$28.68	12	\$344.16
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	Hours	\$45.20	4	\$180.80
Materials						
Tree, Conifer, Seedling, Medium	1514	Containersed confer seedlings, 8 or 10 cubic inches; or bare root confer seedlings, 1-21 (two-year of usedlings that green one year in the original seedbed and another year in a transplant bed), or bare root seedlings, 2+0 (two-year old seedlings grown in their original seedbed). Includes: materials, and shipping only.	Each	\$1.03	6000	\$6,180.00
Mobilization						
Mobilization, Material, distance > 50 miles	1043	Mobilization cost of materials for special cases where the distance from the supplier delivery point to the job site exceeds 50 miles. The costs for shipping by UPS to belik freight shipping be a location within 50 miles of the job site have already been included in the component price.	Dollar S	\$1.00	100	\$100.00

Confer tree seedings will be hard planted in a area where forest is the objective. The area other lacks the desired number and species of frenst trees, the oxisting stand will benefit from underplanting, and or the previously planted iscelling tree stocking lovel is blow declarable conditions. Wildle habitar will be improved by establishment of new trees. Standard forestry methods will be used to protect planted the previously planted iscelling tree stocking lovel is blow declarable conditions. Wildle habitar will be improved by establishment of new trees. Standard forestry methods will be used to protect planted the fores Standard Conditions. Resource concerns oblewards are burgered Planta Conditions - stadepath treatment of compositions, and stateparts will be the tables. The tracking level down on meet the minimum resonameded number of trees part and down on meet tundence objectives. Wildle habitar is indequate. Plant conditions will not the resolution steedings are planted. Travicomental conditions are adverted to stading protection will be needed. There states level to many trees part and down on meet tundence objectives. Wildle habitar is indequate. Plant conditions will not there steedings are protected by tree shellers to improve survival rates. The future forest will provide there states are planted. Travicomental planted on 20 acres, and the objectives of the landowner are met. Steedings are protected by tree shellers to improve survival rates. The future forest will provide Failure Maximum. Scenario Unit: In: Mo

Scenario Typical Size: 6,000.00

Scenario Total Cost:	\$16,	525.76				
Scenario Cost/Unit:		\$2.75				
Cost Details:						
Compor	ient ID	Description	1	Cost	QTY	Total
Equipment Installation						
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	Hours	\$25.07	4	\$100.2
Hand tools, tree planting	1590	Various hand tools for digging holes and planting trees such as augers, dibble bars, planting shovel, hoe-dad. Equipment only. Labor not included.	Hours	\$12.51	12	\$150.13
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hours	\$28.68	112	\$3,212.16
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	Hours	\$45.20	16	\$723.2
Materials						
Tree, Conifer, Seedling, Me	dium 1514	Containerized conifer seedlings, 8 or 10 cubic inches; or bare root conifer seedlings 1+1 (two-year old seedlings that grew one year in the original seedlesed and another year in a transplant bed), or bare root seedlings 2+0 (two-year old seedlings grown in their original seedbed).	Each	\$1.03	6000	\$6,180.0
		Includes materials and shipping only.				
Tree shelter, mesh tree tub in.		24 inch tall vexar or other open weave tubular tree shelter to protect from animal damage. Materials only.	Each	\$0.53	6000	\$3,180.0
Stake, bamboo, 3/8 in. x 3/	5 in. 1584	3/8 in. x 36 in. bamboo stakes to anchor items in place. Inicudes materials and shipping only.	Each	\$0.24	12000	\$2,880.0
Mobilization						
Mobilization, Material, dis 50 miles	tance > 1043	Mobilization cost of materials for special cases where the distance from the supplier delivery point to the job site exceeds 50 miles. The costs for shipping by UPS or bulk freight shipping to a location within 50 miles of the job site have already been included in the component price.	Dollar s	\$1.00	100	\$100.0
	Inited States De griculture	partment of Scenario Code: MEEF6553			Main	e

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Component         ID         Description         Court         QTV         Task product for capacity range of 0.8 to 10.0						\$4.36		cenario Cost/Unit:
pageness Matallation         i								ost Details:
Mydrauk fickwarter, 1 CY     911     Tack monthe hydrauk capacity range 0.0 to     is     \$123     \$14       Trick, Richap     910     Explorent and power with costs. Lick how net included.     is     \$23.77     1       Water Ran     910     Explorent and power with costs. Lick how net included.     is     \$23.87     1       Water Ran     910     Explorent and power with costs. Lick how net included.     is     \$23.97     1       Water Ran     910     Explorent and power with costs. Lick how net included.     is     \$23.97     1       Water Ran     910     Explorent and power with costs. Lick how net included.     is     \$23.97     1       Berginent Operators, Heavy     1.01     Explorent and the included with power how net includes. H	Total	QTY	Cost		Description	ID	Component	0
13 C.Y. Explorent: and power unit costs. Likbor not included.     c       Truck, Pickup     199     Explorent: and power unit costs. Likbor not included.     c       Ware Nar.     199     Explorent: and power unit costs. Likbor not included.     c     523.07     1       Ware Nar.     100     Installation of private real water cost of light structures such as water bars, broad based abore reason control. System of the rea								quipment Installation
Truck, Pickap     939     Epiphment and genera unit costs. Labor not included.     2     525.07     1       Warr Kan     1000     Installation of grade trail water corticing is truthures such as water barry, broad     2     51.08     15.6       Beglament And Spark Territorial Spark Territoria Territoria Spark Territoria Sp	9,89,89	16	\$129.00	F	lic excavator with bucket capacity range of 0.8 to	931 Track mounted hydraulic	or, 1 CY	Hydraulic Excavator,
Water Name         Top         Status				c	power unit costs. Labor not included.	1.5 CY. Equipment and p		
Beginner Operators, Heiney         based dig for éreuion control. Typical cross section 1: 3         e           akor         e         e           Beginner Operators, Heiney         23         lscludei: Cranes, Hydraulic Econstors >HGH PL, Dozer, Paving Machines, Rock         b         \$44.5         16           Specialist Labor         23         lscludei: Cranes, Hydraulic Econstors >HGH PL, Dozer, Paving Machines, Rock         b         \$45.5         16           Specialist Labor         23         based dig for foreigning or wide fragments in the role of the role		1	\$25.07	F	unit costs. Labor not included.	939 Equipment and power un		Truck, Pickup
Beginner 10 per stort, Heavy         2 Start, Stort Per stort, Stort Per sto								
Image: Second		156	\$3.08	F				Water Bars
her Eguignent Operators, Newy 2013 Evidenci Canavitars →00 HP, Dozers, Paving Machines, Rock → 1, 514, 58 1, 58 Eguignent Operators, Newy 2013 Evidenci Canavitars →00 HP, Dozers, Paving Machines, Rock → 5, 514, 58 1, 58 Eguignent Operators, Newy 2013 Evidenci Canavitars →00 HP, Dozers, Paving Machines, Rock → 5, 514, 58 1, 58 Eguignent Operators, Newy 2013 Evidenci Canavitars →00 HP, Dozers, Paving Machines, Rock → 5, 514, 58 1, 58 Eguignent Operators, Newy 2013 Evidenci Canavitars → 00 HP, Dozers, Paving Machines, Rock → 5, 514, 58 1, 58 Evidenci Canavitars, Newy 2013 Evidenci Canavitars → 00 HP, Dozers, Paving Machines, Rock → 5, 514, 58 1, 58 Evidenci Canavitars, Newy 2013 Evidenci Canavitars, New 2014 E								
Speciality Labor     Tarechars, 12-10, Lubry Turcks, Kg Euplement - 15047 Scrappers,     Speciality Labor     Tarechars, 12-10, Lubry Turcks, Kg Euplement - 15047 Scrappers,     Speciality Labor     Speciality Labor     Tarechars, 12-10, Lubry Euplements, Formation - 10047 Scrappers,     Speciality Labor     Tarechars, 12-10, Lubry Euplements, 15047 of 12-10,					stopes thermal about 0.33 cifit of weight.	neet night when we are an		abor
becklare Labor 212, n. Ump Tucks, leg taylometer 1-30 MP. Scruppers, c     transform, 122, n. Ump Tucks, leg taylometer 1-30 MP. Scruppers, c     becklare Labor 212, n. Ump Tucks, leg taylometers, transformation, terminal taylow		16	\$34.58	E.	aulic Excavators >=50 HP, Dozers, Paving Machines, Rock	233 Includes: Cranes, Hydrau	ors, Heavy	Equipment Operator
Specialist Labor         235         Labor requiring a specialized skill set includes Agronomists, forstears, prostears, parking and programmer to include NRCS or parking and implementation of the practice. Does not include NRCS or T3 <sup>®</sup> services.         \$ \$107.87         3           Mobilization         T3 <sup>®</sup> services.         5         \$12.50         1           Mobilization, large equipment         1140         Equipment > 150HP or typical weights greater than \$0,000 pounds or loads         E         \$912.50         1				c				
Biologisti, etc. to provide additional to christal information driving the phone pho								
planning and implementation of the practice. Does not include MRCS or T3P services. Mobilization 1140 Equipment 1140 Equipment 1150HP or typical weights greater than 30,000 pounds or loads E \$912.50 1 arguing over when or well reights permits. a		3	\$107.67	F				Specialist Labor
T3P services.           Adalitation           Mobilization, large equipment         1140         Equipment >150HP or typical weights greater than 30,000 pounds or loads         E         \$912.50         1           reguing over width or over length permits.         2         2         2         2								
Abbilitation Mobilitation, Linge equipment 1140 Equipment >150HP or hpical weights greater than 30,000 pounds or loads E \$912,30 1 requiring over width or over length permit. a					ntation of the practice. Does not include NRCS or			
Mobilization, large equipment         1140         Equipment >150HP or typical weights greater than 30,000 pounds or loads         E         \$912.50         1           requiring over width or over length permits.         a						TSP services.		
requiring over width or over length permits. a								Aobilization
		1	\$912.50	E	typical weights greater than 30,000 pounds or loads	1140 Equipment >150HP or ty	equipment	Mobilization, large e
				3	r over length permits.	requiring over width or o		
United States Department of Main	Main	1	\$912.50	-		requiring over width or o		woonizacion, range e
	Scenarios - Fi							

Practice: <sup>B1-International statements Scenario Description: Practice: <sup>B1-International statements Practice: <sup>B1-Internatio</sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup>

Scenario Typical Size: 500.00 Scenario Total Cost: \$3,562.09

## Scenario Cost/Unit: \$7.12

## Cost Details:

Component	ID	Description		Cost	QTY	Total
Equipment Installation						
Hydraulic Excavator, 1 CY	931	Track mounted hydraulic excavator with bucket capacity range of 0.8 to		\$129.00	10	\$1,290.00
		1.5 CY. Equipment and power unit costs. Labor not included.				
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	i	\$25.07	2	\$50.14
Water Bars	1500	Installation of graded trail water controlling structures such as water bars, broad		53.08	208	\$640.64
water bars	1500	based dips for erosion control. Typical cross section is 1.5		- 25.08	208	5040.04
		feet high with 4:1 side slopes yielding about 0.33 CY/ft of length.				
Labor						
Equipment Operators, Heavy	233	Includes: Cranes, Hydraulic Excavators >=50 HP, Dozers, Paving Machines, Rock		\$34.58	10	\$345.80
		Trenchers, Trenchers >=12 in., Dump Trucks, Ag Equipment >=150 HP, Scrapers,				
		Water Wagons.				
Specialist Labor	235	Labor requiring a specialized skill set: Includes Agronomists, Foresters,		\$107.67	3	\$323.01
		Biologists, etc. to provide additional technical information during the				
		planning and implementation of the practice. Does not include NRCS or				
		TSP services.				
Mobilization						
Mobilization, large equipment	1140	Equipment >150HP or typical weights greater than 30,000 pounds or loads	1	£ \$912.50	1	\$912.50
		requiring over width or over length permits.		1		

actice: 455 - Forest Trails and Landings enario: #5 - Grading and Shaping with Vegetative Establishment

After Situation: trail system is installed that provides access to the forested tract and does not cause excessive erosion or water quality concerns. Easture Messaure: <sup>Implict</sup> instrument Scenario Unit: <sup>fore</sup>

\$4,891.19

\$4.89

Scenario Cost/Unit:

Scenario Typical Size: 1,000.00 Scenario Total Cost:

centrito costy onite		÷				
lost Details:						
Component	ID	Description		Cost		Total
quipment Installation						
Hydraulic Excavator, 1 CY	931	Track mounted hydraulic excavator with bucket capacity range of 0.8 to 1.5 CY. Equipment and power unit costs. Labor not included.	1	\$129.00	16	\$2,064.00
Truck, Pickup	939	Equipment and power unit costs. Labor not included.		\$25.07	6	\$150.42
Seeding Operation, Broadcast, Ground	959	Broadcast seed via ground operation. May require post tillage operation to incorporate seed. Includes equipment, power unit and labor costs.	,	\$13.85	0.4	\$5.54
Water Bars	1500	Installation of graded trail water controlling structures such as water bars, broad based dips for erosion control. Typical cross section is 1.5 feet high with 4:1 side slopes yielding about 0.33 CY/ft of length.	8	\$3.08	156	\$480.48
abor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader. flagger, etc.	8	\$28.68	8	\$229.44
Equipment Operators, Heavy	233	Includes: Cranes, Hydraulic Excavators >=50 HP, Dozers, Paving Machines, Rock Trenchers, Trenchers >=12 in., Dump Trucks, Ag Equipment >=150 HP, Scrapers, Water Wagons.	1	\$34.58	16	\$553.28
Specialist Labor	235	Labor requiring a specialized skill set: includes Agronomists, Foresters, Biologists, etc. to provide additional technical information during the	8	\$107.67	3	\$323.01

		planning and implementation of the practice. Does not include NRCS or TSP services.	-			
Materials						
Straw	1237	Small grain straw (non organic and certified organic). Includes materials only.	1	\$137.00	1	\$137.00
Native and Introduced Perennial Grasses, Legumes and/or Forbs, Low Density	2502	A mix of native and introduced preenails grasses, legumes, and/or forch, grasses typically graster than 350° of the mix, may include biennishs and a small percentage of annual species for establishment purposes and/or all allowed by the CF Natived at lower to medium density (40 pure live seeds/sq ft and less). Includes material and shipping.	Å	\$88.80	0.4	\$35.52
Mobilization						
Mobilization, large equipment	1140	Equipment >150HP or typical weights greater than 30,000 pounds or loads requiring over width or over length permits.	E	\$912.50	1	\$912.50

Practice: 660 - Tree-Strub Pruning Scenario: #2 - Pruning-Low Height

cenario Description: Training is done by hand with chain saws, tree loppers, hand shears, or hand saws. Trees are identified for pruning. To improve the quality of the stem wood, branches are pruned from the trees. Trees are proving at 1 stars prace, with loader growth on trees anywhere from 1.5 feet to 4 feet in length.

growing at a fat pace, with loader growth on trees anywhere from 1.5 feet to 4 feet in length. Before Situation: Trees are rationing ower links along the entries tree bode, reducing wood quality. Pruning height will be based on overall stand diameter and height. Stand has been threed and crop trees are identified for pruning. Enged path conditions underside glant productivity and health is the resource encome. Alter Situation: Factor Manual Situation: Feature Measure: """"" Feature Measure: """" Feature Measure: """" Feature Measure: """

Scenario Typical Size: 20.00 Scenario Total Cost:		\$4,338.40				
Scenario Cost/Unit:		\$216.92				
Cost Details:						
Component Nam e	ID	Description		Cost	QTY	Total
Equipment Installation Chainsaw	937	Equipment and power unit costs. Labor not included.	ŀ	\$6.23	80	\$498.40
Pruning tools, hand tools		Pruning tools, hand tools, shears, loppers, pole saw, handsaw. Material costs only. Labor not included.	F	\$2.31	20	\$46.20
Labor						
General Labor	231	Labor performed using basic tools such as power tool, showels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	F C	\$28.68	100	\$2,868.00
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	F C	\$45.20	15	\$678.00
Materials						
Tree Marking Paint	313	Trees to be cut through tree marking are physically identified through	1	\$12.39	20	\$247.80

	e tree. Typically one quart of paint is used cludes materials and shipping only.
United States Department of Agriculture	Scenario Code:
0	MEEE6602

Scenario Code: MEEF6603 Natural Resources Conservation Service Practice: <sup>463-7160</sup> house Scanarice: <sup>463-7160</sup> on genera Scanario Descrim<sup>16-44</sup> Practice Scenarios - Fiscal Year 2024

USDA

Scenario Description: Recentario Description:

Maine

Scenario Typical Size: Scenario Total Cost:	20.00		\$6,640.20					
Scenario Cost/Unit:			\$332.01					
Cost Details:								
Component Nam	e	ID		Description		Cost		Total
Equipment Installation								
Chainsaw		937	Equipment and power unit costs.	Labor not included.	F	\$6.23	40	
Pruning tools, hand tools			Pruning tools, hand tools, shears, Labor not included.	loppers, pole saw, handsaw. Material costs only.	ŀ	\$2.31	40	
Pruning tool, pole saw			Gasoline powered pole chainsaw	Labor not included.	E F	\$9.80	80	
Labor					,			
General Labor		231		s such as power tool, shovels, and other tools that Ex. pipe layer, herder, concrete placement,	F C	\$28.68	160	9,08.80
Supervisor or Manager		234		inagement activities. Includes crew supervisors, irs time required for	F	\$45.20	15	
Materials								
Tree Marking Paint		313		ing are physically identified through the ypically one quart of paint is used es materials and shipping only.	/ c	\$12.39	20	
	United	States De	partment of					Maine Practice
ISDA	Agriculture Natural Resources Conservation Service		ral Resources	Scenario Code: MEEF6661				Scenarios - Fise Year 2024
Practice: 666 - Forest Stand Improve	ment							
#1 - Pre-commercial Thing	ing Pole-Hand 1	tools						

Pacifice: <sup>14</sup> Introductorpower 25 Centrel of 1-Normal Integrate and the Second of 1-Normal Integrate and 1-Normal Integration Integ

## Scenario Typical Size: 10.00 Scenario Total Cost: \$5,572.69 Scenario Cost/Unit: \$557.27 Cost Details: Component ID Description Cost QTV Total

	Chainsaw	937	Equipment and power unit costs. Labor not included.		\$6.23	70	\$436.10
	Truck, Pickup	939	Equipment and power unit costs. Labor not included.	E.	\$25.07	12	\$300.84
Li	ibor						
	Skilled Labor	230	Labor requiring a high level skill set: includes carpenters, welders, electricians,	÷	\$38.71	80	\$3,096.80
			conservation professionals involved with data collection, monitoring, and or record keeping, etc.	c			
	Specialist Labor	235	Labor requiring a specialized skill set: Includes Agronomists, Foresters, Biologists,	E.	\$107.67	15	\$1,615.05
			etc. to provide additional technical information during the	c			
			planning and implementation of the practice. Does not include NRCS or TSP services.	5			
N	aterials						
	Tree Marking Paint	313	Trees to be cut through tree marking are physically identified through	4	\$12.39	10	\$123.90
			the application of paint on the tree. Typically one quart of paint is used				
			to mark one acre of trees. Includes materials and shipping only.				

Adjusting the stocking of a Yoang Over Stocked Hardwood Stands." The operation is supervised by a consultant finester and is carried out using hand tools such as chansave, toppars and/or machetes. Resource Before Statulion: The stocking and size class of a stand of three such that the conditions exceed the recommended fully stocked level for the species and size, and wildle habitat degradation (i.e., Stillespan has passed). Before Statulion: The stocking and size class of a stand of three such that the conditions exceed the recommended fully stocked level for the species and size. The effect is slower growth than is reasonable or expected for the ste-increased susceptible to long the stocking disease, and a potential risk two widthe. After Statustion: After size status is to an acceptable level dispicing or trees/ac-stand growth, condition, and overall quality are improved and desirable wildlife habitat is achieved. The resulting stand condition will have adjusted to an acceptable level dispicing or trees/ac-stand growth, condition, and overall quality are improved and desirable wildlife habitat is achieved. The resulting stand condition will have adjusted to the stock of the stock

Scenario Typical Size: 10.00

Scenario Typical Size: 10.00 Scenario Total Cost:		\$8,197.32				
Scenario Cost/Unit:		\$819.73				
Cost Details:						
Component	ID	Description		Cost		Total
Equipment Installation						
Chainsaw	937	Equipment and power unit costs. Labor not included.		\$6.23	100	\$623.00
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	i	\$25.07	26	\$651.82
Labor						
Skilled Labor	230	Labor requiring a high level skill set: Includes carpenters, welders, electricians, conservation professionals involved with data collection, monitoring, and or record keeping, etc.		\$38.71	120	\$4,645.20
Specialist Labor	235	Labor requiring a specialized skill set: Includes Agronomists, Foresters, Biologists, etc. to provide additional technical information during the planning and implementation of the practice. Does not include NRCS or TSP services.	1	\$107.67	20	\$2,153.40
Materials						
Tree Marking Paint	313	Trees to be cut through tree marking are physically identified through the application of paint on the tree. Typically one quart of paint is used to mark one acre of trees. Includes materials and shipping only.		\$12.39	10	\$123.90

Using light equipment such as a tractor with brush hig to control vegetation that is competing with desirable trees and spaces or to reduce the stocking level of a stand of desirable trees. Trees to be removed will be marked by a Foretare. Resource concerns include tindentable place productivity and health, Wildlife habitat degradatore, Wildlife haard, and indequales structure and composition. Before Structures. The second experiment of the structure of the structure of the structure of the structure and composition. Before Structures. The second experiment of the structure of the structure of the structure of the structure and composition. Before Structures. The second experiment of the structure of the str

Scenario Typical Size: 10.00 Scenario Total Cost:		\$7,797.83				
Scenario Cost/Unit:		\$779.78				
Cost Details:						
Component	ID	Description		Cost	QTY	Total
Equipment Installation						
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	F	\$25.07	15	\$376.05
			c			
Mechanical cutter, chopper	943	Forestry mulcher, flail shredder, hydro axe, brush cutter, etc.	F	\$115.53	30	\$3,465.90
		Equipment and power unit costs. Labor not included.				
Labor						
Equipment Operators, Light	232	Includes: Skid Steer Loaders, Hydraulic Excavators <50 HP, Trenchers	F	\$30.76	30	\$922.80
		<12 in., Ag Equipment <150 HP, Pickup Trucks, Forklifts, Mulchers	c			
Specialist Labor	235	Labor requiring a specialized skill set: Includes Agronomists, Foresters,	F	\$107.67	20	\$2,153.40
		Biologists, etc. to provide additional technical information during the				
		planning and implementation of the practice. Does not include NRCS or				
		TSP services.				
Materials						
Tree Marking Paint	313	Trees to be cut through tree marking are physically identified through the	4	\$12.39	10	\$123.90
		application of paint on the tree. Typically one quart of paint is used to mark one	c			
		acre of trees. Includes materials and shipping only.	r			
Mobilization						
Mobilization, medium equipment	1139	Equipment with 70-150 HP or typical weights between 14,000 and 30,000 pounds.	E	\$755.78	1	\$755.78

A contribute forester will mark a stand for area wide thioning. Non commercial area wide thioning is used to singler the stacking of an overstacked stand to a resummended level – generally equivalent to 2 % Livel tacking - by lowing the overst basis and area of the stand. Transformst area used to singler the stacking of an overstacked stand to a resummended level – generally equivalent to 2 % Livel the material of a adjust to density of our starting will be stand. Transformst area used to single the tack to a resummended level – generally equivalent to a test of the starting of a starting the starting of the starting of a starting the starting of the start and the start is starting of the start and the start is the starting of the start and the start is the start and the start is the start and the start is the start and the start. The start will be marked for throning and times that improvement. After starting the start is that in the start is the start and the start is the start and the start is the start is the start is

Scenario Typical Size: 10.00 Scenario Total Cost:		\$7,078.95				
Scenario Cost/Unit:		\$707.90				
Cost Details:						
Component Nam e	ID	Description		Cost	QTY	Total
Equipment Installation	937	Equipment and power unit costs. Labor not included.		\$6.23	80	\$498.40
Chandadw	227	compliante and power and costs. Cabler for inclusion.		20.23	00	0400.40
All terrain vehicles, ATV	965	Includes equipment, power unit and labor costs.	F	\$17.92	40	\$716.80
Labor						
Skilled Labor	230	Labor requiring a high level skill set: includes carpenters, welders, electricians, conservation professionals involved with data collection, monitoring, and or record keeping, etc.	ŀ	\$38.71	88	\$3,406.48
Specialist Labor	235	Labor requiring a specialized skill set: includes Agronomists, Foresters, Biologists, etc. to provide additional technical information during the planning and implementation of the practice. Does not include NRCS or TSP services.	¢	\$107.67	20	\$2,153.40
Materials						
Tree Marking Paint	313	Trees to be cut through tree marking are physically identified through the application of paint on the tree. Typically one quart of paint is used to mark one acre of trees. Includes materials and shipping only.	,	\$12.39	10	\$123.90
Mobilization						
Mobilization, very small equipment		Equipment that is small enough to be transported by a pick-up truck with typical weights less than 3,500 pounds. Can be multiple pieces of equipment if all hauled simultaneously.	E	\$179.97	1	\$179.97

Adjusting the stacking of a young, non-merchantable softwards there. The operation is supervised by a consistant forester and is carried out using hand tools such as chainsawa, lappers and/or macheties. Resource constrainticulate understate plant productivity and health, inadequate structure and computator, and wildlife habitat degradation. The social goad lass care of a stand of trees such that the conditions eaced the recommended fully stocked level for the species and site. The effect is slower growth than is reasonable or expected for the site, recorrects scoregithing to process and because, and a potential risk to wildlife. After solucing the stocking to an accessible level of quarking a tree (more stock), condition, and overall quality are improved and desirable wildlife habitat is achieved. The resulting stand condition will here disclored growting space to increase durater growth and expand live tree crowses. Feature Measure: "wmm disclored growting to the stocking the stand stand actioned to the stocking to an accessible will be advanted growting to the constant. Scenario Link: "wm disclored growting to the stocking that action action and the stand depend live tree crowses. Feature Measure: "wmm disclored growting to the constant of the stocking to an accessible level and depend live tree crowses. Feature Measure: "wmm disclored growting to the stocking tot

Scenario Typical Size: 10.00 Scenario Total Cost:		516.00				
Scenario Cost/Unit:		\$1,151.60				
Cost Details:						
Component	ID	Description		Cost		Total
Equipment Installation						
Chainsaw	937	Equipment and power unit costs. Labor not included.		\$6.23	200	\$1,246.00
Truck, Pickup	939	Equipment and power unit costs. Labor not included.		\$25.07	10	\$250.70
Labor						
Skilled Labor	230	Labor requiring a high level skill set: Includes carpenters, welders, electricians, conservation professionals involved with data collection, monitoring, and or record keeping, etc.	1	\$38.71	200	\$7,742.00
Specialist Labor	235	Labor requiring a specialized skill set: includes Agronomists, Foresters, Biologists, etc. to provide additional technical information during the planning and implementation of the practice. Does not include NRCS or TSP services.	1	\$107.67	20	\$2,153.40
Materials						
Tree Marking Paint	313	Trees to be cut through tree marking are physically identified through the application of paint on the tree. Typically one quart of paint is used to mark one acre of trees. Includes materials and shipping only.		\$12.39	10	\$123.90

Trees within a forest stand are marked for removel by a polescional forester, in accordance with recommendations in an approved forest Management Flas, to improve the basility, productivity, composition and/or trackers and/or address concerns for class grander and/or address concerns for class granders and/or address concerns class granders and/or address and/or address concerns class granders and/or address concerns class and/or address concerns class and/or address concerns class granders and/or address concerns class and/or address concerns clas

Scenario Typical Size: 10.0 Scenario Total Cost:	D	\$1,429.04			
Scenario Cost/Unit: Cost Details:		\$142.90			
Com e	ID	Description	Co	Q	Total
Equipment Installation					
All terrain vehicles, ATV	965	Includes equipment, power unit and labor costs.	Hours \$	17.92 8	
Labor					

Com e	ID	Description			Co	Q	Total
Equipment Installation							
All terrain vehicles,	965	Includes equipment, power unit and labor costs.		Hours \$143.36	\$17.92	8	
Labor							
Specialist Labor	2	Labor requiring a specialized skill set: Includes Agronomists, Foresters, Biologists,	Ho	\$10	7.6	8	\$861.36
Materials	3	etc. to provide additional technical information during the planning and	urs	7		10	\$123.90
Tree Marking Paint	5	implementation of the practice. Does not include NRCS or TSP services.	Acr	\$12	.39		
	3	Trees to be cut through tree marking are physically identified through the	es				
	1	application of paint on the tree. Typically one quart of paint is used to mark one					
	3	acre of trees. Includes materials and shipping only.					

Walitation
Mobilization, small equipment: 

Equipment: 

COVP bit can't be transported by a pick-up truck or with typical Eac 5300.42 1 \$300.42
weights between 3.500 to 14.000 pounds.