

Practice Code	Practice Name	Practice Unit	Life Span	Scenario	Payment Unit	Unit Cost	HU Unit Cost	Notes/State Program Rules
106	Forest Management Plan	No.	1	FMP <= 50 acres	Number	\$676.98	\$812.38	
				FMP 51 to 100 acres		\$959.05	\$1,150.87	
				FMP 101 to 200 acres		\$1,466.79	\$1,760.15	
				FMP 201 to 400 acres		\$2,200.19	\$2,640.22	
				FMP 401 to 600 acres		\$3,102.82	\$3,723.39	
				FMP 601 to 1000 acres		\$4,005.47	\$4,806.56	
				FMP > 1000 acres		\$4,795.27	\$5,754.33	
314	Brush Management	Acre	10	Brush Hog	Ac	\$105.45	\$126.54	Woody plant encroachment
				Chemical Difficult Control		\$599.13	\$718.96	Based on context and intensity of treatment required: i.e. responsiveness of species to treatment (i.e. bittersweet vs. barberry); density of invasive cover >75%, or very poor access. Applied on small areas.
				Chemical, Difficult & Followup		\$814.86	\$977.83	
				Chemical Moderate		\$302.65	\$363.19	
				Chemical Moderate & Followup		\$415.17	\$498.20	Eradication (exotic invasive) -foliar sprayer, plus cut stump or basal bark.
				Manual, Hand tools		\$66.58	\$79.89	See End Notes for payment rule on multiple treatments.
				Manual, Hand tools & Followup		\$86.03	\$103.24	Eradication (exotic invasive) - two separate treatments
				Mechanical Chemical		\$473.71	\$568.46	Usually 1-3" dia. cut followed by herbicide
				Mechanical - Light		\$387.02	\$464.42	Mgt of woody species (native) by mowing
				Mechanical - Medium		\$639.68	\$767.62	Cutting (1-3" DBH) -chain/brush saws, cutter/chopper
				Mechanical - Heavy		\$799.18	\$959.02	Cutting (4-6" DBH)-excavator w/ grinding head. Stumps not removed
315	Herbaceous Weed Control	Acre	5	Low Density	Ac	\$54.25	\$65.11	Practices requiring multiple treatments, such as (314) Brush Management and (315) Herbaceous Weed Control, will be paid after the final treatment is completed and practice standard is met. No partial payments are allowed.
				Low Density with Follow Up		\$97.13	\$116.56	
				Moderate Density		\$212.50	\$255.00	
				Moderate Density with Follow Up		\$345.24	\$414.28	
				Intensive		\$575.31	\$690.37	
				High Density with Follow Up		\$708.05	\$849.66	
338	Prescribed Burning	Acre	1	Understory Burn	Ac	\$347.25	\$416.70	Use(394) Firebreak, if necessary.
				Volatile Fuel Burn		\$397.54	\$477.05	
				Steep Terrain, Volatile fuels >4 ft tall, <10% Canopy		\$402.76	\$483.31	
342	Critical Area Planting	Acre	10	Cool Season	Ac	\$365.98	\$439.17	Use(484) Mulching, if needed.
				Cool Season, Extra Site Preparation		\$893.89	\$1,072.67	
				Hydroseeding		\$1,102.07	\$1,322.49	
				Hydroseeding, Extra Site Preparation		\$1,578.31	\$1,893.97	
384	Woody Residue Treatment	Acre	10	Chipping and hauling off-site	Ac	\$222.87	\$267.44	Slash treatment, chipping and hauling off-site scenarios cannot be used with any 666 or 647 scenario
				Forest Slash Treatment - Med/Heavy		\$363.94	\$436.73	
				Woody residue/silvacultural slash treatment-light		\$197.01	\$236.41	

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384	Woody Residue Treatment, (cont.)	Acre	10	Restoration/conservation treatment following catastrophic events		\$657.23	\$788.67	Catastrophic site treatment may be used in conjunction with 666 or 647 if needed to achieve the conservation purpose.
390	Riparian Herbaceous Cover	Acre	5	Cool Season Grasses w/ Forbs	Ac	\$800.91	\$961.09	
				Warm Season Grass w/ Forbs		\$800.91	\$961.09	
391	Riparian Forest Buffer	Acre	15	Bare Root, All Shelters	Ac	\$1,912.81	\$2,295.38	Assumes 100 conifer tree seedling, 250 hardwood tree seedlings, and 100 shrub seedlings planted per acre. Site prep is not included in cost - use (490) Tree/Shrub Site Prep as needed. Weed barriers are not included in cost - use (484) Mulching if needed.
				Bare Root, Half Shelters		\$1,674.69	\$2,009.63	
				Bare Root, No Shelters		\$1,436.56	\$1,723.88	
				Small Container		\$5,159.01	\$6,190.81	
394	Firebreak	Feet	5	Constructed - Light Equipment	SqFt	\$0.00	\$0.01	
				Constructed - Medium equipment, flat-medium slopes		\$0.02	\$0.02	
				Constructed - Medium equipment, steep slopes		\$0.07	\$0.09	
				Constructed Wide, bladed or disked firebreak		\$0.01	\$0.01	
				Vegetated permanent firebreak		\$0.02	\$0.02	
395	Stream Habitat Improvement	Acre	5	Boulder Placement	CuYd	\$210.55	\$252.66	Includes vegetation and labor to install.
				Complex Stream Structure	CuYd	\$438.77	\$526.52	
				Conifer Tree Revetment	CuYd	\$51.85	\$62.22	
				Constructed Log Jam	CuYd	\$68.17	\$81.80	
				Instream rock placement	Ac	\$11,193.28	\$13,431.93	
				Instream wood placement	Ac	\$12,657.78	\$15,189.34	
				Riparian Zone Improvement-Forested	Ac	\$7,913.85	\$9,496.62	
				Rock and wood structures	Ac	\$22,233.51	\$26,680.21	
				Stream Restoration - Low	Ac	\$91,193.25	\$109,431.90	
				Stream Restoration - Moderate	Ac	\$135,719.30	\$162,863.10	
				Stream Restoration - High	Ac	\$219,551.30	\$263,461.50	
396	Aquatic Organism Passage	Mile	5	Alaskan Steeppass	VFt	\$9,472.11	\$11,366.53	Practices for site preparation and reclamation associated with project footprint may include: (326) Clearing and Snagging, (342) Critical Area Planting, (382) Fence, (390) Riparian Herbaceous Cover, (391) Riparian Forest Buffer, (612) Tree/Shrub Establishment
				Blockage Removal	CuYd	\$99.38	\$119.26	
				Bridge, CIP Abutment	LnFt	\$1,835.50	\$2,202.60	
				Bridge, Precast Abutment	LnFt	\$1,459.87	\$1,751.85	Associated planning/habitat enhancement practices for Reach may include: (395) Stream Habitat Improvement and Management.
				Bridge, Prefabricated	LnFt	\$1,743.81	\$2,092.58	
				CMP Culvert	LnFt	\$651.78	\$782.13	
				Complex Denil	VFt	\$41,245.93	\$49,495.11	Associated practices for structural measures associated with scenario but outside of project footprint may include: (410) Grade Stabilization Structure, (584) Channel Bed Stabilization,
				Concrete Box Culvert	LnFt	\$1,660.80	\$1,992.96	
				Concrete Dam Removal	CuYd	\$402.98	\$483.58	
				Concrete Ladder	VFt	\$12,232.17	\$14,678.61	
				Earthen Dam Removal	CuYd	\$119.90	\$143.88	
				Low Water Crossing	CuYd	\$210.64	\$252.77	
				Nature-Like Fishway	LnFt	\$102.54	\$123.04	

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396	Aquatic Organism Passage, (cont.)	Mile	5	Step Pool Weir	CuYd	\$87.35	\$104.81	(580) Streambank and Shoreline Protection, (587) Structure for Water Control.
				Stream Simulation Culvert	LnFt	\$1,894.80	\$2,273.77	
				Stream Simulation Culvert	LnFt	\$1,105.52	\$1,326.62	
410	Grade Stabilization Structure	No.	15	Catch Basin and Pipe =< 24 inch	Ea	\$4,836.18	\$5,803.42	Does not include any planting. If vegetation is required use (342) Critical Area Planting.
				Catch Basin and Pipe >24 inch	Ea	\$8,404.68	\$10,085.62	
				Check Dams	Ton	\$46.73	\$56.07	
				Pipe Drop, Plastic	SqFt	\$23.10	\$27.72	
				Pipe Drop, Steel	SqFt	\$17.84	\$21.41	
				Rock Chute	CuYd	\$70.64	\$84.76	
472	Access Control	Acre	10	Forest/Farm Access Control	Ft	\$0.16	\$0.19	Boundary line must be researched and established (repainting of already established line is not eligible). Line must be marked by installing signs using aluminum nails or tree must be painted using boundary marking paint. Signs or painted trees must be spaced at a minimum of every 50 feet.
484	Mulching	Acre	1	Aggregate	kSqFt	\$149.51	\$179.41	
				Erosion Control Blanket	kSqFt	\$112.54	\$135.05	
				Straw/Hay	Ac	\$413.08	\$495.69	
				Synthetic Material	Ac	\$225.75	\$270.90	
				Tree and Shrub	Ea	\$0.85	\$1.02	
490	Tree & Shrub Site Preparation	Acre	1	Chemical - Ground Application	Ac	\$139.62	\$167.54	<ul style="list-style-type: none"> <li>• FMP required, OR, if no DCR approved plan, it must meet NRCS-CPS-106 min. criteria</li> <li>• Non-forest settings where hedgerow or buffer is needed</li> <li>• Mechanical scenarios cannot be used in conjunction with any 666 or 647 scenario to scarify the soil.</li> </ul>
				Chemical - Hand Application		\$73.41	\$88.09	
				Hand site preparation		\$178.99	\$214.79	
				Mechanical - Heavy		\$192.92	\$231.50	
				Mechanical - Light		\$55.51	\$66.61	
				WindBreak - Site Preparation		\$182.96	\$219.55	
578	Stream Crossing	No.	10	Bridge with a span of less than or equal to 14 feet	SqFt	\$51.58	\$61.90	<ul style="list-style-type: none"> <li>• To address erosion and sedimentation resource concerns on existing access roads (any applicable land use)</li> <li>• To facilitate restricted animal crossing associated with a prescribed grazing system, while protecting stream and banks</li> <li>• Must meet all applicable provisions/permit requirements: US ACOE jurisdiction, Food Security Act, federal, state, local regs, <u>prior</u> to contract obligation.</li> </ul>
				Bridge with cast in place abutments, span > 14 feet	LnFt	\$1,797.12	\$2,156.54	
				Bridge with precast abutments, span > 14 feet	LnFt	\$1,421.49	\$1,705.79	
				Bridge, prefabricated	LnFt	\$1,753.60	\$2,104.32	
				Concrete Box Culvert	LnFt	\$1,602.09	\$1,922.50	
				Culvert Installation, >30 inch diameter	InFt	\$2.61	\$3.13	
				Low water crossing using prefabricated products	SqFt	\$8.59	\$10.31	
				Low Water Crossing, Riprap	SqFt	\$5.21	\$6.25	
Low Water Crossing, River Rock	CuYd	\$199.46	\$239.35					
580	Streambank and Shoreline Protection	Feet	20	Bioengineered	SqFt	\$2.81	\$3.37	Must meet all applicable provisions/permit requirements: US ACOE jurisdiction, Food Security Act, federal, state, local regs, <u>prior</u> to contract obligation.
				Riprap	CuYd	\$61.71	\$74.05	

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587	Structure for Water Control	No.	20	Culvert <30 inches CMP	InFt	\$1.80	\$2.16	
				Culvert <30 inches HDPE	InFt	\$1.61	\$1.94	
612	Tree & Shrub Establishment	Acre	15	Hardwood Est.-Direct Seeding	Ac	\$79.80	\$95.76	
				Hardwood Hand Planting-bare root-protected	Ac	\$497.36	\$596.83	
				Hardwood Planting 1 gal pots	Ac	\$1,398.19	\$1,677.82	
				High Density planting	Ac	\$349.34	\$419.21	
				Individual tree - hand planting	Ea	\$0.92	\$1.11	
				Individual tree - hand planting w/browse protection	Ea	\$2.78	\$3.34	
				Medium Density-Conifer	Ac	\$135.16	\$162.19	
				Medium Density-hand plant Conifer	Ac	\$283.01	\$339.61	
				Medium Density-hand plant Conifer, protect from wildlife	Ac	\$844.77	\$1,013.72	
				Plant Small Areas/Quantities	Ac	\$1,243.54	\$1,492.24	
				Shrub Bare Root Hand Planting In Sod Grasses	Ea	\$5.32	\$6.38	
				Shrub Planting	Ac	\$178.38	\$214.05	
Shrub Planting	Ea	\$5.14	\$6.17					
643	Restoration and Management of Rare and Declining Habitats	Acre	1	Restore Multi-Aged Old Growth Forest Characteristics		\$114.32	\$137.18	Only if landowner has a FMP prescription.
644	Wetland Wildlife Management	Acre	1	Creation of Turtle Nesting Habitat	Ac	\$3,507.82	\$4,209.39	Requires HEP score of 0.5
				Invasive Removal Limited Access	Ac	\$438.05	\$525.66	
				Nesting Boxes Bats	Ea	\$156.54	\$187.85	
				Nesting Boxes Waterfowl	Ea	\$167.91	\$201.49	
				Nesting Structure Birds	Ea	\$86.86	\$104.24	
				Wetland Invasive Removal	Ac	\$420.96	\$505.15	
645	Upland Wildlife Habitat Management	Acre	1	Brush Piles	Ea	\$88.61	\$106.33	• Requires HEP score of 0.5
				Disking	Ac	\$72.37	\$86.85	
				Grassland Bird Management	Ac	\$91.36	\$97.34	
				Invasive Weed Removal	Ac	\$368.57	\$442.28	
				Mast/Apple Tree Release	Ea	\$14.93	\$17.91	
				Mowing/Light Brush Hog	Ac	\$69.79	\$83.75	
				Nesting/Roosting Structures	Ea	\$130.63	\$156.76	
				Small Bird Boxes or Snags	Ea	\$46.79	\$56.15	

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647	Early Successional Habitat Development and Management	Acre	1	Practice eligibility: <ul style="list-style-type: none"> <li>• HEP score of <math>\geq 0.5</math> required</li> <li>• If ESH is the ultimate goal, then either forestry or wildlife plan is required. If forest regeneration is the ultimate goal, then a FMP is required, OR if no DCR approved FMP, the plan must meet NRCS-CPS-106 min. criteria. The plan must recommend the practice or be amended to reflect the practice.</li> <li>• Must be 5 acres in size, unless adjacent to existing ESH for a total area of at least 5 acres</li> <li>• NRCS focus is to only provide financial assistance on non-commercial component of cuts. "Cost-share cap" is to be established at contracting (not at payment). •Commercial component needs to be evaluated for any stand with a Mean Stand Diameter (MSD) &gt;10".</li> <li>• 75-90% of the overstory trees will be cut. The mid-story and understory canopy will also be cut.</li> <li>• If land is in CH61, inform landowner of "change of use" requirements.</li> </ul>							
				Light Mechanical		\$393.12	\$471.75	$\leq 2"$ DBH			
				Medium Mechanical		\$696.39	\$835.67	2-4" DBH			
				Heavy Mechanical low intensity cut		\$941.69	\$1,130.03	Eligible sites: Non-commercial component of stands.			
				Heavy Mechanical High intensity cut	Ac	\$1,454.18	\$1,745.02	Eligible sites: Heavily-stocked, non-commercial component of stands.			
				Hand Cutting with Chainsaw		\$578.07	\$693.68				
				Light Brush hogging		\$82.70	\$99.24				
				Mowing		\$178.30	\$213.96	Payment allowed every other year only.			
				Mowing with foregone income		\$75.23	\$87.22	Eligible only if land unit is currently hayed.			
655	Forest Trails and Landings	Acre	5	Grading and Shaping with Vegetative Establishment	Ft	\$2.90	\$3.49	Eligible only with FMP prescription. Temporary Stream Crossing will be paid when crossing is removed and area stabilized.			
				Re-Route Sections	Ft	\$10.29	\$12.34				
				Temporary Stream Crossing	Ea	\$773.27	\$927.92				
				Trail and Landing Installation	Ft	\$1.83	\$2.20				
				Trail Erosion Control w/o Vegetation, Slopes < 35%	Ft	\$2.96	\$3.55				
				Trail Erosion Control w/o Vegetation, Slopes >35%	Ft	\$7.50	\$9.00				
				Trail Layout	Ft	\$0.11	\$0.13				
660	Tree Pruning	Acre	10	Pruning-Low Height	Ac	\$141.30	\$169.56	Eligible only with FMP prescription.			
				Pruning- High Height	Ac	\$211.93	\$254.32				
				Pruning-Fire Hazard	Ac	\$178.53	\$214.23				
				Pruning-Multistory Cropping Understory	Ea	\$0.69	\$0.83				
				Pruning-MultiStory Cropping-Overstory	Ea	\$5.84	\$7.01				
				Pruning-Wildlife	Ac	\$212.19	\$254.63				
				Sanitation	Ac	\$146.89	\$176.26				

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666	Forest Stand Improvement	Acre	10	<p><u>Practice eligibility:</u></p> <ul style="list-style-type: none"> <li>• Forest Management Plan (FMP) is required, OR, if there is no DCR approved plan, the plan must meet NRCS CPS-106 minimum criteria. The FMP must recommend the practice, OR, a forester must amend the plan to reflect the practice.</li> <li>• NRCS focus is to only provide financial assistance on non-commercial component of cuts. "Cost-share cap" is to be established at contracting (not at payment).</li> <li>• "Commercial" component needs to be evaluated for any stand with a Mean Stand Diameter (MSD) &gt; 10".</li> <li>• Individual trees to be cut or girdled must be marked for all scenarios, except for clear cuts where the boundaries must be marked.</li> </ul>				
				Pre-commercial Thinning - Hand tools		\$323.60	\$388.32	To remove <i>junk</i> around 20-30 crop trees/acre;
				Timber Stand Improvement - Single Stem Treatment		\$205.53	\$246.63	For intermediate treatment/regeneration treatment
				Timber Stand Improvement - Chemical, Ground		\$104.37	\$125.24	To release young desirable trees from competing/overtopping vegetation
				TSI - Competition Control - Mechanical, Light Equipment		\$403.75	\$484.50	Use tractor/brush hog to control vegetation competing with desirable trees and species, or reduce stocking level.
				Thinning for Wildlife and Forest Health		\$342.55	\$411.07	<ul style="list-style-type: none"> <li>• Eligible sites: Overstocked pole sized stands (MSD 10" or less), OR, non-commercial component of larger diameter stands, where stocking is 50% over the B line on the appropriate stocking guide.</li> <li>• Thinning will be done according to the FMP prescription and must remove a minimum of 30 sf basal area per acre.</li> </ul>
				Creating Small Patch Clearcuts	Ac	\$943.98	\$1,132.78	<ul style="list-style-type: none"> <li>• Eligible sites: Overstocked pole sized stands (MSD 10" or less), OR, non-commercial component of larger diameter stands.</li> <li>• Patch must be a minimum of 2 acres in size.</li> <li>• Measure the acreage of each individual clearcut to determine treatment area applied.</li> </ul>
Crop/Mast Tree Release		\$353.47	\$424.16	<ul style="list-style-type: none"> <li>• Eligible sites: Overstocked pole sized stands (MSD 10" or less), OR, non-commercial component of larger diameter stands.</li> <li>• Must release a minimum of 20 trees per acre</li> <li>• Tree must be dominant or codominant and &gt; 5" DBH and at least 25 feet tall</li> <li>• Can release sawlogs but not if they have epicormic sprouting on stem</li> <li>• Tree must be high value species.</li> <li>• Tree must be released on at least 2 to 3 sides</li> <li>• Crop trees must be marked or flagged (as well as the trees to be cut).</li> </ul>				

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666	Forest Stand Improvement, (cont.)	Acre	10	Girdling	Ac	\$135.56	\$162.68	<ul style="list-style-type: none"> <li>Girdling must reduce the canopy of live trees by 20%</li> <li>Trees to be girdled must be at least 6" DBH</li> </ul>
				Tree Marking		\$63.43	\$76.12	Only eligible as a stand-alone item with no compensation for cutting.

**End Notes:**

- \* All practices must meet the NRCS Practice Standard - Definition, Purpose, Conditions and Criteria - to be eligible for compensation.
- \* Management Practices: to be eligible for program payments the practice either has not been previously implemented or will address a higher level of treatment; compensation is limited to a maximum of three separate practice payments per contract. (Ref. 515.81(1))
- \* Practices requiring multiple treatments, such as (314) Brush Management and (315) Herbacious Weed Control, may be paid only after the final treatment is completed and NRCS standard is met.
- \* No partial payments are allowed.

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