

Cherokee NF Ecological Forecasts -- 20 Years

Ecological System	Acres (rounded to nearest 100)	Ecological Departure						ROI	ROI Mgmt Cost - 20 Years
		Current Condition	No Mgmt w Fire Suppression	Maximum Ecological Mgmt	Fire Only Mgmt	Mechanical Only Mgmt	ROI Mgmt		
Cove Forest	103,000	47	34	31	-	31	30	1.7	\$ 240,000
Dry Oak Forest	65,900	61	59	31	37	51	45	1.1	\$ 1,250,000
Dry-Mesic Oak Forest	40,800	54	49	29	30	37	41	2.2	\$ 365,000
Low-Elevation Pine Forest	23,800	90	77	33	44	40	49	4.5	\$ 625,000
Montane Pine Forest	21,800	82	80	45	53	61	60	3.3	\$ 600,000
Montane Red-Chestnut Oak Forest	71,800	47	33	20	27	21	26	0.6	\$ 1,103,000
Northern Hardwood Forest	11,600	12	14	-	-	-	-	n/a	
Riparian & Floodplain Systems	2,500	54	38	34	32	-	35	12.0	\$ 25,000
Spruce-Fir Forest	2,200	40	40	24	-	-	28	13.3	\$ 90,000

Total Cost - 20 Years \$ 26,651,000 \$ 8,450,000 \$ 23,503,000 \$ 4,298,000

Average Annual Cost \$ 1,333,000 \$ 423,000 \$ 1,175,000 \$ 215,000

Average Annual Acres Prescribed Fire 6,500 10,100 - 5,000

Ave. Annual Acres Commerical Harvest 3,800 - 4,900 800