

Profitability Analysis of Farmers wood lot programme

		Capital/Variable Cost pl.material,labour,weeding,man /SILVIC /HARVESTING										
		Years										
		Capital/Variable Cost										
# Farmer	Farm Size(Ac)	1986	1987	1988	1989	1990	1991	1992	2013	2014		
1	1				5,125.00	2,100.00	2,100.00	1,600.00				
2	1		5,125.00	2,100.00	2,100.00	1,600.00						
3	1			5,125.00	2,100.00	2,100.00	1,600.00					
4	1			5,125.00	2,100.00	2,100.00	1,600.00					
5	2			7,750.00	3,200.00	3,200.00	3,200.00					
6	1				5,125.00	2,100.00	2,100.00	1,600.00				
7	1		5,125.00	2,100.00	2,100.00	1,600.00						
8	0.5	2,875.00	800.00	800.00	800.00							
9	0.5	2,875.00	800.00	800.00	800.00							
10	1	5,125.00	2,100.00	2,100.00	1,600.00							
11	1			5,125.00	2,100.00	2,100.00	1,600.00					
12	0.5			2,875.00	800.00	800.00	800.00					
13	0.5				2,875.00	800.00	800.00	800.00				
14	0.25				1,975.00	600.00	600.00	600.00				
15	2				7,750.00	3,200.00	3,200.00	3,200.00				
16	1				5,125.00	2,100.00	2,100.00	1,600.00				
17	1				5,125.00	2,100.00	2,100.00	1,600.00				
18	1				5,125.00	2,100.00	2,100.00	1,600.00				
19	1				5,125.00	2,100.00	2,100.00	1,600.00				
20	1				5,125.00	2,100.00	2,100.00	1,600.00				
Total Sum	19.25	10,875.00	13,950.00	33,900.00	66,175.00	32,800.00	28,100.00	15,800.00			201,619.25	
Average	0.9625	3,625.00	2,790.00	3,390.00	3,308.75	1,929.41	1,873.33	1,580.00			18,497.46	
Avg. F. Unit Val.		3,766.23	2,898.70	3,522.08	3,437.66	2,004.58	1,946.32	1,641.56			19,217.14	
Present Value		1.03	1.03	1.03	1.03	1.02	1.02	1.02			7.18	
		3,873.12	2,977.99	3,614.81	3,524.64	2,053.25	1,991.58	1,679.73			19,715.13	

Revenue		Timber ,Fuel wood and uther food crops							
Years									
# Farmer	1986	1987	1988	1989	1990	1991	2014	Total	Fuel Wood Only
1				1,000.00	1,000.00	750.00	70,000.00	72,750.00	21,825.00
2		1,000.00	1,000.00	750.00			30,000.00	32,750.00	9,825.00
3			1,000.00	1,000.00	750.00		30,000.00	32,750.00	9,825.00
4			1,000.00	1,000.00	750.00		30,000.00	32,750.00	9,825.00
5			1,400.00	1,400.00	750.00		90,000.00	93,550.00	28,065.00
6				1,000.00	1,000.00	750.00	30,000.00	32,750.00	9,825.00
7	1,000.00	1,000.00	750.00				70,000.00	72,750.00	21,825.00
8	500.00	500.00	375.00				35,000.00	36,375.00	10,912.50
9	500.00	500.00	375.00				35,000.00	31,375.00	9,412.50
10	1,000.00	1,000.00	750.00				35,000.00	37,750.00	11,325.00
11			1,000.00	1,000.00	750.00		40,000.00	42,750.00	12,825.00
12			500.00	500.00	375.00		25,000.00	26,375.00	7,912.50
13				500.00	500.00	375.00	30,000.00	31,375.00	9,412.50
14				750.00	750.00	300.00	25,000.00	26,800.00	8,040.00
15				1,400.00	1,400.00	750.00	80,000.00	83,550.00	25,065.00
16				1,000.00	1,000.00	750.00	65,000.00	67,750.00	20,325.00
17				1,000.00	1,000.00	750.00	65,000.00	67,750.00	20,325.00
18				1,000.00	1,000.00	750.00	60,000.00	62,750.00	18,825.00
19				1,000.00	1,000.00	750.00	60,000.00	62,750.00	18,825.00
20				1,000.00	1,000.00	750.00	60,000.00	62,750.00	18,825.00
Total Sum	3,000.00	4,000.00	8,150.00	15,300.00	13,025.00	6,675.00	960,000.00	1,010,150.00	303,045.00
Average	750.00	800.00	815.00	956.25	868.33	667.50	48,000.00	50,507.50	15,152.25
Avg. F. Unit Val.	779.22	831.17	846.75	993.51	902.16	693.51	49,870.13	52,475.32	15,742.60
Present Value	1.03	1.03	1.03	1.03	1.02	1.02	1.00	1.00	1.00
	801.34	853.90	869.05	1,018.64	924.07	710.34	49,920.00	52,527.80	15,758.34

55,097.34

Fuel wood and timber

Cost (PV)		19,715
Revenue (PV)		55,097
NPV		35,382
B/C		2.79

Fuel wood Only

Cost (PV)		19,715
Revenue (PV)		16,529.10
NPV		- 3,186
B/C		0.84