

Large Herd - Realistic

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Herd For The Year										
Females - Bred	7	7	8	10	10	11	15	18	23	33
Females - Crias	0	3	3	4	5	5	5	7	9	11
Males	0	3	6	8	10	9	8	9	12	17
Annual Births										
Females	3	3	4	5	5	5	7	9	11	16
Males	3	3	4	5	5	5	7	9	11	16
Annual Sales										
Females - breedable	0	2	4	5	6	6	6	6	6	14
Females - cria/weanling	0	0	2	2	0	1	1	0	0	0
Males	0	0	2	3	6	6	6	6	6	14
Avg Price of Breedable Female	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$19,000	\$18,050	\$17,148	\$16,290	\$15,476
Avg Price of Female Cria	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$17,100	\$16,245	\$15,433	\$14,661	\$13,928
Avg Price of male	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$4,750	\$4,513	\$4,287	\$4,073	\$3,869
Total Herd Size										
Females - breedable	7	5	4	5	4	5	9	12	17	19
Females - cria/weanling	3	6	5	7	10	9	11	16	20	27
Males	3	6	8	10	9	8	9	12	17	19
Value Increase	\$69,000	\$69,000	\$46,000	\$64,000	\$85,000	\$63,650	\$101,983	\$151,755	\$181,635	\$230,587
Total Value	\$209,000	\$238,000	\$210,000	\$276,000	\$305,000	\$286,900	\$381,758	\$504,137	\$639,387	\$743,603
Capital Investment	150000	0	0	0	0	0	0	0	0	0
Stud Fee	0	6000	10000	10000	10000	0	0	0	0	0
Insurance	3000	3000	3000	3000	3000	0	0	0	0	0
Birth & Registration	900	900	1200	1500	1500	1500	2100	2700	3300	4800
Fencing/Supplies	4800	500	500	500	1000	1200	1200	1200	1200	1200
Marketing/Travel	500	500	12600	15100	15000	15960	15162	12861	12218	27082
Attorney & Accountant	550	200	200	200	200	200	200	200	200	200
Feed & Vet	1400	2600	3400	4400	5000	5000	5600	6800	8800	12200
Operating Costs	11150	13700	30900	34700	35700	23860	24262	23761	25718	45482
Less: Wool Sales	1680	2400	3360	4320	4800	4800	5520	6480	8400	12000
Less: Animal Sales	0	40000	126000	151000	150000	159600	151620	128606	122176	270823
Net Income	(\$9,470)	\$28,700	\$98,460	\$120,620	\$119,100	\$140,540	\$132,878	\$111,326	\$104,858	\$237,341
Rate of Return	-7.89%	23.92%	82.05%	100.52%	99.25%	117.12%	110.73%	92.77%	87.38%	197.78%
Investment balance	(\$159,470)	(\$143,528)	(\$56,550)	\$59,546	\$178,646	\$319,186	\$452,064	\$563,390	\$668,248	\$905,589

Insurance on initial herd until out of debt

Stud fees on all females until year 5

Annual Sales variable, selected to eliminate debt in year 6

Average Return on Investment

90.36%

Breedable females = (breedable females from previous year - sales) + (cria from 2 years previous - sales)