

Sample costs for production of weaner calves on leased rangeland. The rancher provides the management and all except \$400 worth of labor each year. Costs are based on a herd of 250 cows at the beginning of the year and reduced to 215 cows at the end of the year, due to limited range feed in a dry year, with high costs of purchased hay and supplement. The range has carrying capacity of approximately 12 acres per animal unit, with supplemental feed under late rainfall conditions. An 86% calf crop is weaned, 20% of the herd is replaced each year, and 35 additional cows are sold. A 2.4% death loss is assumed. Calving time is October and November and weaner calves are sold in late May on the ranch. Heifers saved to replace 20% of the 250 cows plus death loss will be bred as 2 year olds.

	Total	Per Cow	Your Costs
Investment:			
Livestock: 250 cows at \$300	\$ 75,000.00	\$	300.00
10 bulls at \$700	7,000.00		28.00
50 2-year old heifers at \$260	13,000.00		52.00
50 yearling heifers at \$200	10,000.00		40.00
2 horses at \$800	1,600.00		6.40
Equipment: pickup, trailer, scales, tools, misc.	18,000.00		72.00
TOTAL INVESTMENT	124,600.00		498.40
Interest on investment at 9% (equip. and horses 1/2 original cost basis)	10,332.00		41.33
Depreciation:			
Horses - 10 years	\$ 160.00	\$.64
Equipment - 10 years	1,800.00		7.20
TOTAL DEPRECIATION	1,960.00		7.84
Cash Costs:			
Range rent: 3600 acres at \$5.40	\$ 19,440.00	\$	77.76
Protein supplement 1.5 lbs./day 120 days \$100 ton, 360 head	3,240.00		12.96
Hay: 1/2 ton/head, 360 head, \$75 ton	13,500.00		54.00
Salt and minerals	500.00		2.00
TOTAL FEED	36,680.00		146.72
Hired labor	400.00		1.60
County taxes: livestock	300.00		1.20
equipment	300.00		1.20
Gas, oil, repairs, maintenance	3,000.00		12.00
Veterinary and medicine	1,100.00		4.40
Interest on loan (\$18,000 - 12 mos. @ 9 3/4%)	1,755.00		7.02
Insurance, license, office and supplies	1,100.00		4.40
TOTAL CASH COSTS	\$ 44,635.00	\$	178.54
Income:			
	Total lbs.	Price/cwt.	Your income
107 weaner steers @ 425 lbs.	45475	42¢	\$19,099.50
58 weaner heifers @ 375 lbs.	21750	35¢	7,612.50
79 cows @ 950 lbs.	75050	27¢	20,263.50
3 bulls @ 1500 lbs.	4500	35¢	1,575.00
TOTAL SALES			\$48,550.50
Gross income			48,550.50
Cash costs plus inventory reduction 35 cows, 1 bull			54,137.50
Net cash income			- 5,587.00
Less depreciation			1,960.00
Farm income			- 7,547.00
Less interest			10,332.00
Return for operator's labor and management			-17,879.00

WJ/EAY:sd
10/28/76:100c.