

Sample grazing costs for farm A 100 cows 8/3/2020

Item	Quantity	Cost	Frequency	Total cost per cow
Hay	28 lbs	\$125/ton	every day	337.50
Pasture	240 ac	\$100/ac	2ac/animal	200.00
Labor	1 hour	\$15/hour	per day	109.00
Custom Hire		5,421.00	7544	6,482.50
Gas		2,534.00	2742	2,638.00
Repairs and Maintenance		8764	5241	7,002.50
Utilities		2059	2452	2,255.50
Taxes		1043	2021	1,532.00
Supplies		7683	7352	7,517.50
Seeds and plants		5953	6520	6,236.50
Insurance		3894	4052	3,973.00
Fertilizers and lime		4853	10045	7,449.00
Depreciation		27956	28884	18,000.00
Projects				5,000.00
Legal Fees				700.00
Organic Cert				300.00
Car and Truck		448	162	305.00
Veterinary		493	887	690.00
Mineral		5006	6667	5,836.50
Shipping	1x	\$50/haul	variable	50.00
Butchering	1x	\$50/head	every time	50.00
Processing	700lb	\$0.53/lb	every time	371.00
Grinding	200lb	\$0.05/lb	when desired	10.00
Stew meat	50lb	\$0.30/lb	when desired	15.00
Freeze Packing	700lb	\$0.05/lb	every time	35.00
Hamburger Patties	200lb	\$0.50/lb	when desired	100.00
			SUM w/o butcher cost->	2,320.18
		Gross Expense		75,918.00 3.87
		Gross Revenue	\$4.10/lb	123000
		Net revenue/lb		139.82
	1680000	3.5 tons/acre forage capacity		2097.3
		40% animal weight feed intake per day		

545.00 Total labour hours per year													
Cut	Avg Package Wt	Total Wt.	Total Price/lb	Total Ret	SLO \$/lb	Total meat share gross per cow							
Rib-eye steak	1.42	14	19.88	15	298.2	10	198.8						
Proterhouse steak	2.41	6	14.46	15	216.9	10	144.6						
T-bone steak	1.99	10	19.9	15	298.5	10	199						
Sirloin steak	1.89	14	26.46	12	317.52	10	264.6						
Round steak	2.97	16	47.52	10	475.2	8	380.16						
Sirloin tip roast	2.13	10	21.3	8	170.4	8	170.4						
Rump roast	2.59	6	15.54	8	124.32	8	124.32						
Chuck roast	2.4	26	62.4	7	436.8	8	499.2						
Arm roast	2.28	8	18.24	7	127.68	8	145.92						
Stew meat	1.24	12	14.88	6	89.28	5	74.4						
Shrot ribs	2.8	8	22.4	6	134.4	5	112						
Soup bones	1.92	6	11.52	5	57.6	5	57.6						
					0		0						
Ground Beef	1	192	192	7	1344	6.5	1248						
		sum wt.	avg \$/lb										
			486.5	8	4090.8		3619						

Butchering Cost 481.00

Hanging weight cost/lb (*700 lb avg hanging weight per animal)
2625
2800
2975
3150
3325
3500

Feeding rate (hay) Feeding Rate (pasture)  
 4000 per day whole herd 8880 lbs forage/animal during annual grazing season  
 720000 per winter whole herd 888000 lbs forage/herd during annual grazing season

1608000 total forage needed/year

Custom Grazing  
 \$1.75/head/day 46 head 365 days 29382.5  
 Cost per day per cow 3.178328767

Feeder cattle purchase  
 \$1.00/lb 200 lbs 200  
 2,570.18  
 4.283633