

Yearling Beef Steer Feeding Planning Budget

This budget presents information useful to beef farmers. Table 1 presents estimates for yearling beef steers in Missouri that were purchased in November 2020 and sold in April 2021 (5 month feeding period with a 3.65 average daily gain). Assumptions were based on price forecasts as of October 2020. Detailed assumptions and feed requirements are summarized in Tables 2 and 3. The production practices used to develop these cost estimates are common for beef farms in Missouri. Farmers are encouraged to modify this budget to fit their operation.

Table 1. Missouri yearling beef steer feeding planning budget.

	Per steer sold ¹	Your estimate
Income		
Market steer sales	1,404.00	
Less death loss (2 percent)	-28.08	
Total income	1,375.92	
Operating costs		
Purchased steer calf	937.50	
Purchased feed	330.00	
Labor	31.00	
Veterinary and drugs	11.75	
Commission, yardage, and hauling	25.00	
Machinery and feed preparation	8.00	
Utilities	5.00	
Operating interest	20.07	
Total operating costs	1,371.32	
Ownership costs		
Depreciation and interest on real estate	5.00	
Real estate and property taxes	4.00	
Total ownership costs	9.00	
Total costs	1,380.32	
Income over operating costs	4.60	
Income over total costs	-4.40	

¹ Totals may not sum due to rounding.

Table 2. Assumptions in Missouri yearling beef steer feeding planning budget.

Selected input quantities	Per unit	Selected input prices	Dollars per unit
Steer purchase weight, pounds	750	Steer purchase price, per hundredweight	125.00
Market steer sale weight, pounds	1,300	Market steer sale price, per hundredweight	108.00
Labor, hours	2	Labor cost, per hour	15.50
Operating interest, percent	4.5		

Table 3. Feed requirements per steer in Missouri yearling beef steer feeding planning budget.

Feed description	Cost per unit	Total pounds¹	Dollars
Corn, per bushel	4.00	2,240	160.00
Distiller grains, dry, per ton	180.00	1,500	135.00
Soybean meal, per ton	340.00	100	17.00
Salt and additives, per ton	400.00	30	6.00
Grass hay, per ton	60.00	500	15.00
Total		4,370	333.00

¹Ration assumes 151 days on feed and 3.65 pound average daily gain for a steer.

Farmers can see or customize existing Missouri budgets by visiting <https://extension.missouri.edu/programs/agricultural-business-and-policy-extension/missouri-crop-and-livestock-enterprise-budgets>.