

Estimated Annual Cow Costs for Nebraska 2017

Nebraska Est. Costs/Calf Produced. Mar/April Calve & Wean Nov. 1			
40% of Heifer Calves Kept as Replacements. 2-Yr-Old Heifers Calving Feb. 10.			
Mature Cows Feed Costs 84% of the Herd	Quantity	Price	Cost/Cow
Crop Residue/Range Nov 1 - Feb 28	4 Mths	\$25	\$100.00
Protein Supplement Jan 1 - Feb 28 alf. hay	200 lbs	\$120/T	\$12.00
Pasture Mar 1 - May 15 (For Calving/Pairs)	2.5 Mths	\$10	\$25.00
Alfalfa and Grass/Millet/Sorg. Sudan Hay	1.2 Ton	\$85/T	\$102.00
Pasture May 15 - Oct 31	5.5 Mths	\$50	\$275.00
Salt and Mineral for 12 Months	70 lbs	\$.30/lb	\$21.00
Total			\$535.00
Two-Year-Old Heifers Feed Costs 16% of the Herd			
Crop Residue/Range Nov 1 - Feb 1	3 Mths	\$25	\$75.00
Protein Supplement Dec 15 - Feb 1 (Alfalfa)	250 lbs	\$120/T	\$15.00
Pasture Feb 1 - May 15 (For Calving/Pairs)	3.5 Mths	\$10	\$35.00
Alfalfa and Grass/Millet/Sorg. Sudan Hay	1.7 ton	\$85/T	\$144.50
Pasture May 15 - Oct 31	5.5 Mths	\$50	\$275.00
Salt and Mineral for 12 Months	70 lbs	\$.30/lb	\$21.00
Total			\$565.50
Replacement Heifers 20% of Cow Herd Numbers Kept and Exposed to Breed			
Crop Residue/Meadow Aftermath Nov 1 -	3.5 Mths	\$20	\$70.00
Protein Supplement Dec 15 - Feb 15 (Alf)	300 lbs	\$120/T	\$18.00
Growing Ration Dry Lot Feb 15 - May 15	3 Mths	\$40	\$120.00
Pasture May 15 - Oct 31	5.5 Mths	\$30	165.50
Salt and Mineral for 12 Months	45 lbs	\$.30/lb	\$13.50
Total			\$387.00
Estimated Annual Bull Feed Costs			\$535.00
Feed Costs per Cow Unit Includes Bulls, 2-Yr-Olds & Rep. Heifers			\$635.11
Total Other Cash Costs Vet. Med. Bldngs. Equip. Mrkting. Int. Etc.			\$120.00
Labor	5 hours/yr	\$16.00/hr	\$80.00
Total Operating Costs			\$835.11
Ownership Costs			
Int. on Cattle Value (Ave. Val. Over Life)	\$1300	4.0%	\$52.00
Purchase of bull every 4 years for 30 cows	\$4000/120		\$33.33
Taxes and Insurance Buildings and Equip.			\$5.00
Equipment and Facilities Depreciation			\$30.00
Total Ownership Costs			\$120.33
Total Costs Excluding Cull Credits			\$955.44
Cull Credits			
Cull cow - death loss (0.16-0.015 = 0.145)	1250 lbs	\$0.55	\$96.65
Cull heifer - death loss (0.04-0.003 = 0.037)	850 lbs	\$1.25	\$39.31
Cull bull - death loss (0.01 - 0.0005 =.0095)	1800 lbs	\$0.75	\$12.83
Total Cull Credits			\$148.79
Capital Cost of Rep. Heifer Calf at Wean.	20% Rep. Rate	\$750	\$150.00
Net Capital Cost			\$1.21
Net Cost Per Cow			\$956.65

Cost/calf weaned/cow exposed at 80% = \$1196, 85%=\$1125, 90%=\$1063