

## Estimated Annual Cow Costs for Nebraska 2019

<b>Nebraska Est. Costs/Calf Produced. Mar/April Calve &amp; Wean Nov. 1</b>			
<b>40% of Heifer Calves Kept as Replacements. 2-Yr-Old Heifers Calving Feb. 10.</b>			
<b>Mature Cows Feed Costs 84% of the Herd</b>	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	\$135/T	\$13.50
Pasture Mar 1 - May 15 (For Calving/Pairs)	2.5 Mths	\$10	\$25.00
Alfalfa and Grass/Millet/Sorg. Sudan Hay	1.2 Ton	\$100/T	\$120.00
Pasture May 15 - Oct 31	5.5 Mths	\$50	\$275.00
Salt and Mineral for 12 Months	70 lbs	\$.30/lb	\$21.00
<b>Total</b>			<b>\$554.50</b>
<b>Two-Year-Old Heifers Feed Costs 16% of the Herd</b>			
Crop Residue/Range Nov 1 - Feb 1	3 Mths	\$25	\$75.00
Protein Supplement Dec 15 - Feb 1 (Alfalfa)	250 lbs	\$120/T	\$16.88
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	\$170.00
Pasture May 15 - Oct 31	5.5 Mths	\$50	\$275.00
Salt and Mineral for 12 Months	70 lbs	\$.30/lb	\$21.00
<b>Total</b>			<b>\$592.88</b>
<b>Replacement Heifers 20% of Cow Herd Numbers Kept and Exposed to Breed</b>			
Crop Residue/Aftermath Nov 1 - Feb 15	3.5 Mths	\$20	\$70.00
Protein Supplement Dec 15 - Feb 15 (Alf)	300 lbs	\$120/T	\$20.25
Growing Ration Dry Lot Feb 15 - May 15	3 Mths	\$40	\$135.00
Pasture May 15 - Oct 31	5.5 Mths	\$30	165.00
Salt and Mineral for 12 Months	45 lbs	\$.30/lb	\$13.50
<b>Total</b>			<b>\$403.75</b>
<b>Estimated Annual Bull Feed Costs</b>			<b>\$550.00</b>
<b>Feed Costs per Cow Unit Includes Bulls, 2-Yr-Olds &amp; Rep. Heifers</b>			<b>\$659.71</b>
<b>Total Other Cash Costs Vet. Med. Bldngs. Equip. Mrkting. Int. Etc.</b>			<b>\$120.00</b>
<b>Labor</b>	5 hours/yr	\$20.00/hr	<b>\$100.00</b>
<b>Total Operating Costs</b>			<b>\$879.71</b>
<b>Ownership Costs</b>			
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.			\$10.00
Equipment and Facilities Depreciation			\$30.00
<b>Total Ownership Costs</b>			<b>\$125.33</b>
<b>Total Costs Excluding Cull Credits</b>			<b>\$1005.34</b>
<b>Cull Credits</b>			
Cull cow - death loss (0.16-0.015 = 0.145)	1250 lbs	\$0.60	\$108.75
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	\$0.80	\$13.68
<b>Total Cull Credits</b>			<b>\$161.74</b>
<b>Capital Cost of Rep. Heifer Calf at Wean.</b>	20% Rep. Rate	\$850	<b>\$170.00</b>
<b>Net Capital Cost</b>			<b>\$8.26</b>
<b>Net Cost Per Cow</b>			<b>\$1013.60</b>

Cost/calf weaned/cow exposed at 80% = \$1267, 85%=\$1192, 90%=\$1126