

# Estimated Annual Cow Costs for Central Nebraska 2015

<b>Table 1. Central Neb. Est. Costs/Calf Produced. Mar/April Calve &amp; Wean Nov. 1 20% of Heifers Retained as Replacements. 2-Yr-Old Heifers Calving Feb. 10.</b>			
<b>Mature Cows Feed Costs</b>	<b>Quantity</b>	<b>Price</b>	<b>Cost/Cow</b>
Crop Residue Nov 1 - Feb 28	4 Mths	\$20	\$80.00
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	\$80/T	\$96.00
Pasture May 15 - Oct 31	5.5 Mths	\$55	\$302.50
Salt and Mineral for 12 Months	70 lbs	\$.30/lb	\$21.00
<b>Total</b>			<b>\$536.50</b>
<b>Two-Yr-Old Heifers Feed Costs 16% of the Herd</b>			
Crop Residue Nov 1 - Feb 1	3 Mths	\$20	\$60.00
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	\$80/T	\$136.00
Pasture May 15 - Oct 31	5.5 Mths	\$55	\$302.50
Salt and Mineral for 12 Months	70 lbs	\$.30/lb	\$21.00
<b>Total</b>			<b>\$569.50</b>
<b>Replacement Heifers 20% Replacement</b>			
Crop Residue/Alfalfa Aftermath Nov 1 - Feb	3.5 Mths	\$15	\$52.50
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	\$40	220.00
Salt and Mineral for 12 Months	45 lbs	\$.30/lb	\$13.50
<b>Total</b>			<b>\$424.00</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>\$648.58</b>
<b>Total Other Cash Costs Vet. Med. Bldngs. Equip. Mrkting. Int. Etc.</b>			
			<b>\$120.00</b>
<b>Labor</b>	5 hours/yr	\$16.00/hr	<b>\$80.00</b>
<b>Total Operating Costs</b>			
			<b>\$848.58</b>
<b>Ownership Costs</b>			
Int. on Cattle Value (Ave. Val. Over Life)	\$1800	4.0%	\$72.00
Purchase of bull every 4 years for 25 cows	\$5000/100		\$50.00
Taxes and Insurance Buildings and Equip.			\$5.00
Equipment and Facilities Depreciation			\$30.00
<b>Total Ownership Costs</b>			<b>\$157.00</b>
<b>Total Costs Excluding Cull Credits</b>			
			<b>\$1005.58</b>
<b>Cull Credits</b>			
Cull cow - death loss (0.16-0.015 = 0.145)	1250 lbs	\$1.10	\$199.38
Cull heifer - death loss (0.04-0.003 = 0.037)	850 lbs	\$2.00	\$62.90
Cull bull - death loss (0.01 - 0.0005 = .0095)	1800 lbs	\$1.30	\$22.23
<b>Total Cull Credits</b>			<b>\$284.51</b>
<b>Capital Cost of Rep. Heifer Calf at</b>	20% Rep. Rate	\$1300	<b>\$260.00</b>
<b>Net Capital Cost</b>			<b>(\$24.51)</b>
<b>Net Cost Per Cow</b>			<b>\$981.07</b>

Cost/calf weaned/cow exposed at 80% = \$1226.34, 85%=\$1154.20, 90%=\$1090.08