

**Table 1. Economic operating costs of a beef cow herd**

	Units	Price	Total costs	Cow owner	Working rancher
<b>Fall and winter feed per cow</b>					
Grass hay	1.69 tons	\$75.00	\$126.97	\$0.00	\$126.97
Protein supplement	34.31 lbs.	\$250.00	\$4.29	\$0.00	\$4.29
Minerals & salt	34.39 lbs.	\$320.00	\$5.50	\$0.00	\$5.50
Barley	1.95 bu.	\$1.40	\$2.72	\$0.00	\$2.72
Alfalfa	0.42 tons	\$90.00	\$37.87	\$0.00	\$37.87
Straw	0.76 tons	\$25.00	\$19.00	\$0.00	\$19.00
Crop aftermath	0 DA	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total fall &amp; winter feed costs</b>			<b>\$196.35</b>	<b>\$0.00</b>	<b>\$196.35</b>
<b>Summer grazing costs</b>					
Pasture for cows	6.13 AUM	\$10.09	\$61.89	\$0.00	\$61.89
Pasture for replacements	1.03 AUM	\$10.09	\$10.39	\$0.00	\$10.39
Summer mineral & salt	43.17 lbs.	\$320.00	\$6.91	\$0.00	\$6.91
<b>Total summer grazing costs</b>			<b>\$79.19</b>		<b>\$79.19</b>
<b>Total feed cost</b>			<b>\$275.54</b>		<b>\$275.54</b>
<b>Livestock costs</b>					
Vet & medicine	\$3,411		\$20.55	\$0.00	\$20.55
Trucking	\$0		\$0.00	\$0.00	\$0.00
Miscellaneous	\$0		\$0.00	\$0.00	\$0.00
Fuel	\$1,096		\$6.60	\$0.00	\$6.60
Utilities	\$674		\$4.06	\$0.00	\$4.06
AI expense	\$0		\$0.00	\$0.00	\$0.00
Livestock supplies	\$438		\$2.64	\$0.00	\$2.64
Hired labor	\$0		\$0.00	\$0.00	\$0.00
Marketing	\$1,315		\$7.92	\$0.00	\$7.92
<b>Livestock costs, less breeding</b>			<b>\$41.77</b>	<b>\$0.00</b>	<b>\$41.77</b>
<b>Bull depreciation &amp; insurance cost</b>			<b>\$14.24</b>	<b>\$14.24</b>	<b>\$0.00</b>
<b>Interest cost (OP plus debt)</b>			<b>\$3.74</b>	<b>\$0.00</b>	<b>\$3.74</b>
<b>Fixed expenses (excluding interest)</b>					
Buildings (d, i, r)	7%	\$20,000	\$8.43	\$0.00	\$8.43
Equipment (d, i, r)	13%	\$15,000	\$11.75	\$0.00	\$11.75
Cattle Ins & Dep	9%	xxxxxx	\$81.40	\$81.40	\$0.00
Taxes on cattle	0%	xxxxxx	\$0.00	\$0.00	\$0.00
<b>Total</b>			<b>\$101.58</b>	<b>\$81.40</b>	<b>\$20.18</b>
<b>Total costs (exc. labor, management &amp; equity capital)</b>			<b>\$429.32</b>	<b>\$95.64</b>	<b>\$333.68</b>

**Table 2. Full cost contributions of both business partners**

				Total costs	Cow owner	Working rancher
<b>Total costs (Exc. labor, mngmt. &amp; equity capital)</b>				<b>\$429.32</b>	<b>\$95.64</b>	<b>\$333.68</b>
Labor charge	8 hours	\$8/hr.	\$64	0%	\$0.00	\$64
Management charge	5% of gross		\$34.18	0%	\$0.00	\$34.18
Equity capital	7%					
Cows	xxxxxx	\$800	\$56	100%	\$56	\$0.00
Replacement hrs.	xxxxxx	\$403	\$5.27	100%	\$5.27	\$0.00
Bull(s)	xxxxxx	\$16,000	\$6.75	0%	\$0.00	\$6.75
Buildings	166 Hd	\$20,000	\$8.43	0%	\$0.00	\$8.43
Equipment	166 Hd	\$15,000	\$6.33	0%	\$0.00	\$6.33
<b>Total equity capital interest cost</b>			<b>\$82.78</b>		<b>\$61.27</b>	<b>\$21.51</b>
<b>Full cost of production</b>			<b>\$610.28</b>		<b>\$156.91</b>	<b>\$453.37</b>
<b>Unit full costs of production</b>	<b>5.10 cwt./cow</b>		<b>\$120</b>		<b>\$31</b>	<b>\$89</b>
<b>Percent contribution</b>			<b>100%</b>		<b>26%</b>	<b>74%</b>

**Table 3. Projected 2006 gross income generation for both business partners**

Economic income/cow from 166 cows			Total herd	% of owner	Owner of cows	Working rancher
.55 head steer	558 lbs.	\$134	\$410	26%	\$105	\$305
.24 head heifer	527 lbs.	\$125	\$159	26%	\$41	\$118
.13 cull cow	1,100 lbs.	\$50	\$70	100%	\$70	\$0
.02 cull heifer	800 lbs.	\$100	\$19	100%	\$19	\$0
.01 cull bull	1,800 lbs.	\$56	\$6	0%	\$0	\$6
inventory change	\$3,603		\$22	26%	\$6	\$16
			<b>\$686</b>		<b>\$241</b>	<b>\$445</b>
					35%	65%
Cash flow income/cow from 166 cows			Total herd	% of owner	Owner of cows	Working rancher
.55 head steer	558 lbs.	\$134	\$410	25%	\$102	\$307
.24 head heifer	527 lbs.	\$125	\$159	25%	\$40	\$119
.13 cull cow	1,100 lbs.	\$50	\$70	100%	\$70	\$0
.02 cull heifer	800 lbs.	\$100	\$19	100%	\$19	\$0
.01 cull bull	1,800 lbs.	\$56	\$6	100%	\$6	\$0
			<b>\$664</b>		<b>\$237</b>	<b>\$426</b>
					36%	64%