

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1																
2	<b>Enterprise Budgets: Dairy Steer Calves</b>															
3																
4	<b>BCM 40 Dairy Steers: Birth to 1,500 pounds (~17-18 months).</b>															
5	<b>Assumptions:</b> Dairy bull calves purchased at birth (1-2 days), feed milk replacer for 4-5 weeks, fed in feedlot on full fed															
6	of grain and limited forages for 16-17 months, and sold at 1,500 pounds at 17-18 months.															
7	The left side of the budget is for one animal while the right side of the budget is for the number of head selected.															
8																
9	<b>Economic planning budget (cash-flow) for one animal.</b>								<b>Cash-flow budget for your herd size.</b>							
10	<u>Receipts</u>		<u>Wt.</u>	<u>Unit</u>	<u>Price</u>	<u>Unit</u>	<u>Dollars</u>		<u>No.</u>	<u>Wt.</u>	<u>Unit</u>	<u>Price</u>	<u>Unit</u>	<u>Dollars</u>		
11	Steers,		1500	lbs.	\$72.00	\$/cwt.	\$1,080.00		100	1500	lbs.	\$72.00	\$/cwt	\$108,000.00		
12	Total receipts						\$1,080.00							\$108,000.00		
13																
14	<u>Variable Expenses</u>		<u>Amt.</u>	<u>Unit</u>	<u>Price</u>	<u>Unit</u>	<u>Dollars</u>		<u>No.</u>	<u>Amt.</u>	<u>Unit</u>	<u>Price</u>	<u>Unit</u>	<u>Dollars</u>		
15	<u>Cattle cost</u>								<u>Cattle costs</u>							
16	Pay weight		95	lbs.	\$150.00	\$/cwt.	\$142.50		100	95	lbs.	\$150.00	\$/cwt	\$14,250.00		
17	<u>Purchase costs</u>				\$5.00	\$/hd.	\$5.00					\$5.00	\$/hd	\$500.00		
18	Total arrival cost						\$147.50							\$14,750.00		
19	<u>Feed costs</u>								<u>Feed costs</u>							
20	milk replacer		38	lbs.	\$68.00	\$/cwt.	\$25.84		100	38.0	cwt.	\$68.00	\$/cwt	\$2,584.00		
21	calf grain starter		68	lbs.	\$12.00	\$/cwt.	\$8.16			68.0	cwt.	\$12.00	\$/cwt	\$816.00		
22	grain (corn)		6150	lbs.	\$2.50	\$/bu.	\$274.55			10982.1	bu.	\$2.50	\$/bu	\$27,455.36		
23	grain (oats)		100	lbs.	\$1.80	\$/bu.	\$5.63			312.5	bu.	\$1.80	\$/bu	\$562.50		
24	protein supplement #1		740	lbs.	\$300.00	\$/ton	\$111.00			37.0	ton	\$300.00	\$/ton	\$11,100.00		
25	protein supplement #2		0	lbs.	\$280.00	\$/ton	\$0.00			0.0	ton	\$280.00	\$/ton	\$0.00		
26	hay/haylage		720	lbs.	\$75.00	\$/ton	\$27.00			36.0	ton	\$75.00	\$/ton	\$2,700.00		
27	corn silage		0	lbs.	\$18.00	\$/ton	\$0.00			0.0	ton	\$18.00	\$/ton	\$0.00		
28	pasture		0	acre	\$75.00	\$/acre	\$0.00			0.0	acre	\$75.00	\$/acre	\$0.00		
29	limestone		61	lbs.	\$12.00	\$/cwt.	\$7.32			61.0	cwt.	\$12.00	\$/cwt	\$732.00		
30	dical. phosphate		0	lbs.	\$20.00	\$/cwt.	\$0.00			0.0	cwt.	\$20.00	\$/cwt	\$0.00		
31	t.m. salt		60	lbs.	\$12.00	\$/cwt.	\$7.20			60.0	cwt.	\$12.00	\$/cwt	\$720.00		
32	vitamin/mineral premix		0	lbs.	\$35.00	\$/cwt.	\$0.00			0.0	cwt.	\$35.00	\$/cwt	\$0.00		
33	<u>milling &amp; mixing</u>		5635	lbs.	\$0.50	\$/cwt.	\$28.18			5635.0	cwt.	\$0.50	\$/cwt	\$2,817.50		
34	Total feed costs						\$494.87							\$49,487.36		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
35	<b>Livestock costs</b>								<b>Livestock costs</b>							
36					5 %				\$16.29		100		5 %			\$1,628.94
37					0 \$		11.5 %APR		\$0.00				0 \$		11.5 %APR	\$0.00
38					0 \$		11.5 %APR		\$0.00				0 \$		11.5 %APR	\$0.00
39				bedding	2223 lbs.		\$40.00 \$/ton		\$44.46			111.15 ton		\$40.00 \$/ton		\$4,446.00
40				veterinary			\$5.00 \$/hd.		\$5.00					\$5.00 \$/hd		\$500.00
41				medicines-vaccines			\$32.00 \$/hd.		\$32.00					\$32.00 \$/hd		\$3,200.00
42				supplies			\$8.00 \$/hd.		\$8.00					\$8.00 \$/hd		\$800.00
43				power & fuel			\$7.00 \$/hd.		\$7.00					\$7.00 \$/hd		\$700.00
44				transportation			\$0.00 \$/hd.		\$0.00					\$0.00 \$/hd		\$0.00
45				<u>marketing costs</u>			<u>\$38.49 \$/hd.</u>		<u>\$38.49</u>					<u>\$35.50 \$/hd</u>		<u>\$3,550.00</u>
46				Total livestock costs					\$151.24							\$14,824.94
47	<b>Fixed costs</b>								<b>Fixed costs</b>							
48				Building cost (R,T,I)			\$500.00	5.0%	\$35.96		100			\$45,000	5.0%	\$3,236.30
49				Equipment cost (R,T,I)			\$200.00	20.0%	\$57.53					\$20,000	20.0%	\$5,753.42
50				<u>Livestock cost (T,I)</u>			<u>\$147.50</u>	<u>0.5%</u>	<u>\$1.06</u>					<u>\$14,750</u>	<u>0.5%</u>	<u>\$106.08</u>
51				Total fixed costs					\$94.55							\$9,095.80
52																
53	<b>Returns on Resources</b>								<b>Returns on Resources</b>							
54				Est. Receipts					\$1,080.00							\$108,000.00
55				<u>Variable expenses</u>					<u>\$793.61</u>							<u>\$79,062.30</u>
56				<b>Returns on Labor, Management, Capital</b>					<b>\$286.39</b>							<b>\$28,937.70</b>
57																
58				<u>Fixed costs</u>					<u>\$94.55</u>							<u>\$9,095.80</u>
59				<b>Returns on labor &amp; management</b>					<b>\$191.83</b>							<b>\$19,841.90</b>
60																
61				Breakeven cost per cwt.					\$59.21							\$58.77
62				Breakeven cost per cwt. less marketing cost					\$56.65							\$56.41
63				Est. hours of labor per head					14.00							
64																
65	<b>Capital Expenses</b>															
66				Building inv. annual costs (D,I,R,T,I)			\$500.00	12.0%	\$60.00							
67				Equipment inv. annual costs (D,I,R,T,I)			\$200.00	20.0%	\$40.00							
68				Livestock inv. annual costs (T,I)			\$147.50	1.0%	<u>\$1.48</u>							
69				Total capital investment annual costs					\$101.48							
70																
71	Annual capital investment costs include depreciation (D), interest (I), repairs (R), taxes (T), and insurance(I).															