



Input Data Assumptions For Cow-Calf Enterprise Budget

Data Entry Hi-Lited In Blue Cells

	Estimated Values	Calculated Values
Breeding Information		
Farm Name	War Eagle Farms	
Production year	2017	
Calving season (fall, winter, spring, etc.)	Fall	
Number of breeding cows in herd, head	50	
Heifers retained for replacements, %	10%	
Number of breeding cows per bull, head	25	
Value of breeding cow, \$/head	\$1,000	
Value of bred replacement heifer, \$/head	\$1,500	\$150 \$/hd
Value of bull, \$/head	\$4,500	
Salvage value of bull, \$/head	\$1,200	
Useful life of bull, years	4	
Value of breeding stock, \$/cow-unit		\$1,230 \$/cow-unit
Interest on breeding stock capital, %	5.50%	
Insurance on breeding herd, %	0.00%	
Tax rate (ad valorem - property tax on cattle)	0.00%	
Total annual bull depreciation cost, \$/hd/year		\$33.00 \$/cow-unit

		% Chg.+/-	Low	Med	High
Performance Information					
Weaning percent, % (based on exposed cows)	90%	5%	85%	90%	95%
Weaning weight - steers, lbs/head	650	20%	520	650	780
Weaning weight - heifers, lbs/head	600	20%	480	600	720
Percent steer calves, %	50%	Avg.-->	500	625	750
Average cull cow sale weight, lbs/head	1,100				
Percent cull cows, %	14%				

	Low Wt.	Med. Wt.	High Wt.
Market Price Information			
Feeder steer weights, lbs/head	520	650	780
Feeder steer prices, \$/lb.	\$1.55	\$1.45	\$1.35
Feeder heifer weight, lbs/head	480	600	720
Feeder heifer prices, \$/lb.	\$1.45	\$1.35	\$1.25
Cull cow sale weight, lbs/head	1,100		
Cull cow prices, \$/lb.	\$0.65		
Marketing costs, % of gross revenue	4.00%		

	Acres	\$/Acre	Total \$	\$/Cow-Unit
Pasture Information				
Summer grass pastures	65	\$163	\$10,627	\$212.54
Winter grass pastures	0	\$165	\$0	\$0.00
Winter annuals	25	\$165	\$4,122	\$82.43
Summer annuals	0	\$0	\$0	\$0.00
Stockpiled grass pasture	0	\$0	\$0	\$0.00
Crop Residue	0	\$0	\$0	\$0.00
Misc. pasture	0	\$0	\$0	\$0.00
Pasture cost total			\$14,748	\$294.97

		Lbs/Hd. /Day	Days	Head	Total Lbs.	Dollars /Ton	Total Dollars	\$/Cow-Unit
Purchased Feed Information								
Harvested forage	Cow - dry	20	30	50	30,000	\$75.00	\$1,125.00	\$22.50
Harvested forage	Cow - lact.	15	60	50	45,000	\$75.00	\$1,687.50	\$33.75
Harvested forage	Calf	3	60	50	9,000	\$75.00	\$337.50	\$6.75
Harvested forage	Bull	30	90	2	5,400	\$75.00	\$202.50	\$4.05
Energy supplement	Cow	4	60	50	12,000	\$125.00	\$750.00	\$15.00
Energy supplement	Bull	5	90	2	900	\$125.00	\$56.25	\$1.13
Protein supplement	Cow	1	60	50	3,000	\$250.00	\$375.00	\$7.50
Protein supplement	Bull	1	60	2	120	\$250.00	\$15.00	\$0.30
Salt & mineral mix	All	0.25	365	52	4,745	\$400.00	\$949.00	\$18.98
Misc.		0	0	0	-	\$0.00	\$0.00	\$0.00
Misc.		0	0	0	-	\$0.00	\$0.00	\$0.00
Purchased feed cost total							\$5,497.75	\$109.96

Machinery & Equipment Information

	\$/Hour	Hours/Day	Days/Year	Total \$	\$/Cow-Unit
Tractor	\$20.00	0.75	120	\$1,800.00	\$36.00
Tractor accessories (mower, harrow, etc.)	\$8.00	0	90	\$0.00	\$0.00
Livestock trailer	\$15.00	5	5	\$375.00	\$7.50
Utility trailer (hay, equipment, etc.)	\$12.00	4	15	\$720.00	\$14.40
ATV	\$8.00	1	120	\$960.00	\$19.20
Pickup	\$20.00	1	50	\$1,000.00	\$20.00
Misc.	\$0.00	0	0	\$0.00	\$0.00
Misc.	\$0.00	0	0	\$0.00	\$0.00
Machinery & equipment cost total				\$4,855.00	\$97.10

Animal Health Information

<u>Mature Cattle</u>	Head	Lbs.	Unit		\$/Unit	\$/Head	Total \$	\$/Cow-Unit
Animal ID	52		1	Tags @	\$1.25/Each	\$1.25	\$65.00	\$1.30
Fly Tags	52		2	Tags @	\$2.25/Each	\$4.50	\$234.00	\$4.68
De-wormer	52	1,200	5	ml./110 lbs*	\$70.00/Liter	\$3.82	\$218.40	\$4.37
De-licer	52	1,200	0	ml./100 lbs*	\$37.72/Liter	\$0.00	\$0.00	\$0.00
7-way clostridial vaccine	52		1	Dose @	\$0.46/Dose	\$0.46	\$23.92	\$0.48
IBR PI3 BVD BRSV VL5 vaccine	52		1	Dose @	\$2.00/Dose	\$2.00	\$104.00	\$2.08
Artificial Insemination	50		0	AI Breeding	\$27.00/Head	\$0.00	\$0.00	\$0.00
Estrus Synchronization	50		0	Estrus Syn	\$15.00/Head	\$0.00	\$0.00	\$0.00
Pregnancy Check	50		1	Checks @	\$5.00/Head	\$5.00	\$250.00	\$5.00
Bull BSE	2		1	Checks @	\$40.00/Head	\$40.00	\$80.00	\$1.60
Misc.	52		0	Misc.	\$0.00/Head	\$0.00	\$0.00	\$0.00
Misc. (incl. supplies & vet. exp.)	52		1	Misc.	\$6.00/Head	\$6.00	\$312.00	\$6.24
Sub-total							\$1,287.32	\$25.75

<u>Feeder Calves</u>	Head	Lbs.	Unit		\$/Unit	\$/Head	Total \$	\$/Cow-Unit
Animal ID	50		1	Tags @	\$1.25/Each	\$1.25	\$62.50	\$1.25
Fly Tag	50		2	Tags @	\$2.25/Each	\$4.50	\$225.00	\$4.50
De-wormer	50	500	5	ml./110 lbs*	\$70.00/Liter	\$1.59	\$87.50	\$1.75
7-way clostridial vaccine	50		2	Doses @	\$0.46/Dose	\$0.00	\$0.00	\$0.00
IBR PI3 BVD BRSV vaccine	50		2	Doses @	\$1.72/Dose	\$3.44	\$172.00	\$3.44
Pasteurella/Mannheimia with	50		0	Doses @	\$2.50/Dose	\$0.00	\$0.00	\$0.00
Injectable Vitamin/Mineral	50		0	Doses @	\$2.50/Dose	\$0.00	\$0.00	\$0.00
Growth-promoting implant	50		1	Doses @	\$1.00/Head	\$1.00	\$50.00	\$1.00
Misc.	50		0	Doses @	\$0.00/Head	\$0.00	\$0.00	\$0.00
Misc.	50		0	Doses @	\$0.00/Head	\$0.00	\$0.00	\$0.00
Sub-total							\$597.00	\$11.94

Animal Health Cost Total \$1,884.32 \$37.69
 *Check product labels for correct dosages

Farm Buildings/Improvements/Facilities Information

	Percent	Total \$	Life (yrs)	Salvage %	Total \$	\$/Cow-Unit
Total investment in buildings/improvements/facilities		\$15,000	20	15%		\$300.00
Buildings/improvements/facilities insurance rate	0.75%				\$112.50	\$2.25
Buildings/improvements/facilities interest rate	5.00%				\$750.00	\$15.00
Buildings/improvements/facilities tax rate	0.75%				\$112.50	\$2.25
Buildings/improvements/facilities repair rate	3.00%				\$450.00	\$9.00
Buildings/improvements/facilities depreciation					\$637.50	\$12.75
Farm Buildings/Improvements/Facilities Cost Total					\$2,062.50	\$41.25

Miscellaneous Farm Information

	Days	Hours/Day	Hours	\$/Hour	\$/Day	Total \$	\$/Cow-Unit
Management	60	0.5	30	\$20.00		\$600.00	\$12.00
Farm labor	150	1	150	\$12.50		\$1,875.00	\$37.50
Custom hire	3	8	24	\$20.00		\$480.00	\$9.60
Farm records	24	0.75	18	\$20.00		\$360.00	\$7.20
Professional fees	2				\$200.00	\$400.00	\$8.00
Utilities	365				\$1.00	\$365.00	\$7.30
Supplies	365				\$1.00	\$365.00	\$7.30
Misc.	0				\$0.00	\$0.00	\$0.00
Interest rate on operating cost, %	5.50%						
Miscellaneous Farm Cost Total			222			\$4,445.00	\$88.90