

Livestock Enterprise Analysis
South Dakota Center for Farm/Ranch Management
(Farms Sorted By Net Return)

Beef Cow-Calf -- Average Per Cwt. Produced

	Avg. Of All Farms	
Number of farms	8	
	Quantity	Value
Beef Calves sold (lb)	0.24	0.46
Transferred out (lb)	86.49	134.03
Cull sales (lb)	18.47	26.73
Government payments		5.26
Purchased (lb)	-	-11.17
Transferred in (lb)	-5.22	-15.88
Inventory change (lb)	0.03	-24.60
Gross margin		114.83
Direct Expenses		
Protein Vit Minerals (lb.)	7.70	3.14
Aftermath Grazing (aum)	0.34	13.56
Corn (bu.)	0.79	2.60
Corn Silage (lb.)	358.38	6.04
Hay, Alfalfa (lb.)	158.16	8.70
Hay, Grass (lb.)	406.71	18.12
Pasture (aum)	0.62	24.78
Pasture, Summer Annual (aum)	0.02	0.62
Pasture, Range (aum)	0.22	8.86
Other feed stuffs (lb)	138.49	5.20
Breeding fees		2.80
Fuel & oil		4.86
Repairs		3.96
Repair, machinery		5.37
Repair, livestock equip		1.18
Operating interest		2.85
Miscellaneous		5.78
Total direct expenses		118.41
Return over direct expense		-3.58
Overhead Expenses		
Hired labor		5.86
Farm insurance		2.16
Utilities		2.55
Interest		2.85
Mach & bldg depreciation		14.15
Miscellaneous		12.41
Total overhead expenses		39.98
Total dir & ovhd expenses		158.39
Net return		-43.57
Labor & management charge		12.03
Net return over lbr & mgt		-55.60
Cost of Production Per Cwt. Produced		
Total direct expense per unit		118.41
Total dir & ovhd expense per unit		158.39
With other revenue adjustments		178.18
With labor and management		190.21
Est. labor hours per unit		1.00
Other Information		
Number of cows		211.3
Pregnancy percentage		97.6
Pregnancy loss percentage		6.8
Culling percentage		16.0
Calving percentage		90.9
Weaning percentage		88.6
Calves sold per cow		0.92
Calf death loss percent		5.0
Cow death loss percent		0.9
Cows per FTE		481.6
Average weaning weight		573
Lb. weaned/exposed female		507
Feed cost per cow		532.79
Avg wgt/ Beef Calves sold		400
Avg price / cwt.		188.04

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	<u>Avg. Of</u>	
	<u>All Farms</u>	
Number of farms	8	
	Quantity	Value
Beef Calves sold (lb)	1.4	2.67
Transferred out (lb)	502.9	779.39
Cull sales (lb)	107.4	155.45
Government payments		30.56
Purchased (lb)	-	-64.97
Transferred in (lb)	-30.4	-92.37
Inventory change (lb)	0.1	-143.02
Gross margin		667.71
Direct Expenses		
Aftermath Grazing (aum)	2.0	78.84
Corn Silage (lb.)	2,083.9	35.15
Hay, Alfalfa (lb.)	919.7	50.58
Hay, Grass (lb.)	2,365.0	105.34
Pasture (aum)	3.6	144.12
Pasture, Range (aum)	1.3	51.53
Other feed stuffs (lb)	854.8	67.22
Breeding fees		16.26
Fuel & oil		28.24
Repair, machinery		31.23
Repair, livestock equip		6.84
Operating interest		16.56
Miscellaneous		56.63
Total direct expenses		688.55
Return over direct expense		-20.85
Overhead Expenses		
Hired labor		34.10
Farm insurance		12.54
Utilities		14.84
Interest		16.54
Mach & bldg depreciation		82.31
Miscellaneous		72.16
Total overhead expenses		232.49
Total dir & ovhd expenses		921.04
Net return		-253.34
Labor & management charge		69.96
Net return over lbr & mgt		-323.30
Cost of Production Per Cwt. Produced		
Total direct expense per unit		118.41
Total dir & ovhd expense per unit		158.39
With other revenue adjustments		178.18
With labor and management		190.21
Est. labor hours per unit		5.81
Other Information		
Number of cows		211.3
Pregnancy percentage		97.6
Pregnancy loss percentage		6.8
Culling percentage		16.0
Calving percentage		90.9
Weaning percentage		88.6
Calves sold per cow		0.92
Calf death loss percent		5.0
Cow death loss percent		0.9
Cows per FTE		481.6
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Feed cost per cow		532.79
Avg wgt/ Beef Calves sold		400
Avg price / cwt.		188.04

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Beef Backgrounding -- Average Per Cwt. Produced

	Avg. Of All Farms	
Number of farms	8	
	Quantity	Value
Backgnd Beef sold (lb)	232.08	306.20
Transferred out (lb)	51.76	61.85
Government payments		6.16
Other income		8.71
Transferred in (lb)	-204.06	-317.25
Inventory change (lb)	14.11	3.94
Gross margin		69.62
Direct Expenses		
Protein Vit Minerals (lb.)	8.81	1.92
Creep / Starter (lb.)	0.75	1.24
Complete Ration (lb.)	19.38	3.06
Corn (bu.)	4.77	15.25
Corn Silage (lb.)	612.35	10.99
Hay, Alfalfa (lb.)	174.51	9.60
Hay, Grass (lb.)	300.72	13.91
DDGS, dry (lb.)	26.15	2.01
DDGS, wet (lb.)	54.39	1.63
Corn snaplage (lb.)	39.90	1.40
Hay (lb.)	24.53	1.10
Other feed stuffs (lb)	70.50	2.10
Veterinary		6.76
Supplies		1.86
Fuel & oil		3.15
Repairs		2.38
Repair, machinery		3.31
Repair, buildings		0.57
Operating interest		1.20
Miscellaneous		0.50
Total direct expenses		83.94
Return over direct expense		-14.32
Overhead Expenses		
Custom hire		0.91
Hired labor		1.40
Machinery leases		1.44
Farm insurance		1.35
Utilities		1.45
Interest		3.60
Mach & bldg depreciation		13.61
Miscellaneous		4.63
Total overhead expenses		28.38
Total dir & ovhd expenses		112.32
Net return		-42.70
Labor & management charge		9.72

Livestock Enterprise Analysis (continued)
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Beef Backgrounding -- Average Per Cwt. Produced

	Avg. Of All Farms	
Number of farms	8	
	Quantity	Value
Net return over lbr & mgt		-52.42
Cost of Production Per Cwt. Produced		
Total direct expense per unit		136.89
Total dir& ovhd expense per unit		146.89
With other revenue adjustments		144.71
With labor and management		148.14
Est. labor hours per unit		0.47
Other Information		
No. purchased or trans in		129
Number sold or trans out		123
Percentage death loss		1.1
Avg. daily gain (lb.)		1.83
Lb. of conc / lb. of gain		4.17
Lb. of feed / lb. of gain		11.74
Feed cost per cwt. of gain		64.22
Feed cost per head		128.85
Hired labor per head		2.81
Avg wgt / Backgnd Beef sold		783
Avg sales price / cwt.		131.94

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Beef Backgrounding -- Average Per Head

	Avg. Of All Farms	
Number of farms	8	
	Quantity	Value
Backgnd Beef sold (lb)	465.6	614.36
Transferred out (lb)	103.9	124.10
Government payments		12.37
Other income		17.49
Transferred in (lb)	-409.4	-636.52
Inventory change (lb)	28.3	7.90
Gross margin		139.69
 Direct Expenses		
Protein Vit Minerals (lb.)	17.7	3.86
Creep / Starter (lb.)	1.5	2.50
Complete Ration (lb.)	38.9	6.14
Corn (bu.)	9.6	30.59
Corn Silage (lb.)	1,228.6	22.05
Hay, Alfalfa (lb.)	350.1	19.26
Hay, Grass (lb.)	603.4	27.91
Straw (lb.)	139.9	4.17
DDGS, dry (lb.)	52.5	4.04
DDGS, wet (lb.)	109.1	3.27
Corn snaplage (lb.)	80.1	2.80
Hay (lb.)	49.2	2.21
Other feed stuffs (lb)	1.6	0.04
Veterinary		13.56
Supplies		3.73
Fuel & oil		6.31
Repairs		4.77
Repair, machinery		6.65
Repair, buildings		1.14
Operating interest		2.41
Miscellaneous		1.00
Total direct expenses		168.42
Return over direct expense		-28.73
 Overhead Expenses		
Hired labor		2.81
Machinery leases		2.89
Farm insurance		2.71
Utilities		2.90
Interest		7.23
Mach & bldg depreciation		27.31
Miscellaneous		11.11
Total overhead expenses		56.95
Total dir & ovhd expenses		225.37
Net return		-85.68
 Labor & management charge		 19.49

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