

Edisto IRM Beef Production Systems

2008 Angus 1st-Calf Heifer Development - Profitability

INCOME

Item	No.	Avg Wt	\$/cwt	\$/head	\$ Value	\$ Total
Culled Cows - Sold						
Prewearing	1	1,085	\$ 60.00	\$ 651.00	\$ 651.00	
Weaning	0			\$ -	\$ -	\$ 651.00
Calves - Sold at weaning						
Angus Steers	3	613	\$ 106.00	\$ 649.78	\$ 1,949.34	
Angus Heifers	0			\$ -	\$ -	\$ 1,949.34
Calves - If sold at weaning						
Angus Steers	4	675	\$ 106.00	\$ 715.50	\$ 2,862.00	
Angus Heifers	6	579	\$ 96.00	\$ 555.84	\$ 3,335.04	\$ 6,197.04
Preconditioning - Profit						
Angus Steers	4			\$ 69.12	\$ 276.48	
Angus Heifers	6			\$ 15.37	\$ 92.22	\$ 368.70
Total Income						\$ 9,166.08

EXPENSES

Item	Total Cost	per COW	per CALF
No. of Head		14	13
Winter Grazing - prepared land	\$ 1,902.78	\$ 135.91	\$ 146.37
Summer Grazing - millet	\$ 1,041.74	\$ 74.41	\$ 80.13
MaxQ fescue pasture	\$ 662.90	\$ 47.35	\$ 50.99
Coastal bermuda pasture	\$ 148.90	\$ 10.64	\$ 11.45
Bahia pasture	\$ -	\$ -	\$ -
Cottonseed	\$ -	\$ -	\$ -
Hay	\$ 1,120.00	\$ 80.00	\$ 86.15
Mineral	\$ 451.90	\$ 32.28	\$ 34.76
Herd Health Program - Cows	\$ 85.66	\$ 6.12	\$ 6.59
Herd Health Program - Calves	\$ 81.50	\$ 5.82	\$ 6.27
AI Breeding & Synchronization	\$ -	\$ -	\$ -
Natural Breeding	\$ 866.34	\$ 61.88	\$ 66.64
Marketing	\$ 130.00	\$ 9.29	\$ 10.00
Utilities & Maintenance	\$ 298.40	\$ 21.31	\$ 22.95
Total Expenses	\$ 6,790.12	\$ 485.01	\$ 522.32

PROFIT

Item	No. Head	Sold at Weaning	Preconditioned
Total Income		\$ 9,166.08	\$ 9,534.78
Total Expenses		6,790.12	6,790.12
Total Profit		\$ 2,375.96	\$ 2,744.66
Profit - per calf weaned	13	\$ 182.77	\$ 211.13

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Item	Amount	Units per	Total Used	\$ Cost	Item \$ Total	Total Cost
Winter Grazing - prepared land						
Marshall Ryegrass	13.2 acres	30 lbs	7.9 bags	\$ 23.00 bag	\$ 182.16	
25%-S Nitrogen - Nov	13.2 acres	200 lbs	1.32 tons	\$ 265.00 ton	\$ 349.80	
Spread liquid nitrogen	13.2 acres	1 trip	13.2 acres	\$ 5.00 acre	\$ 66.00	
25%-S Nitrogen - Feb	13.2 acres	200 lbs	1.32 tons	\$ 326.00 ton	\$ 430.32	
Spread liquid nitrogen	13.2 acres	1 trip	13.2 acres	\$ 5.00 acre	\$ 66.00	
Lime	6.6 acres	1 ton	6.60 tons	\$ 36.00 ton	\$ 237.60	
Spread lime	6.6 acres	1 trip	6.6 acres	\$ 6.50 acre	\$ 42.90	
Disc Harrow	13.2 acres	2 trip	26.4 acres	\$ 15.00 acre	\$ 396.00	
Grain Drill seeding	13.2 acres	1 trip	13.2 acres	\$ 10.00 acre	\$ 132.00	\$ 1,902.78
Summer Grazing - millet						
Tifleaf-3 Hybrid Pearl Millet	9.2 acres	30 lbs	5.5 bags	\$ 30.00 bag	\$ 166.32	
25%-S Nitrogen - Jun	9.2 acres	200 lbs	0.92 tons	\$ 326.00 ton	\$ 301.22	
Spread liquid nitrogen	9.2 acres	1 trip	9.2 acres	\$ 5.00 acre	\$ 46.20	
Disc Harrow	13.2 acres	2 trip	26.4 acres	\$ 15.00 acre	\$ 396.00	
Grain Drill seeding	13.2 acres	1 trip	13.2 acres	\$ 10.00 acre	\$ 132.00	\$ 1,041.74
MaxQ fescue pasture						
25%-S Nitrogen - Sep	5.9 acres	200 lbs	0.59 tons	\$ 265.00 ton	\$ 157.41	
Spread liquid nitrogen	5.9 acres	1 trip	5.9 acres	\$ 5.00 acre	\$ 29.70	
25%-S Nitrogen - Apr	5.9 acres	200 lbs	0.59 tons	\$ 326.00 ton	\$ 193.64	
Spread liquid nitrogen	5.9 acres	1 trip	5.9 acres	\$ 5.00 acre	\$ 29.70	
Lime - Apr	5.9 acres	1 ton	5.94 tons	\$ 36.00 ton	\$ 213.84	
Spread lime	5.9 acres	1 trip	5.9 acres	\$ 6.50 acre	\$ 38.61	\$ 662.90
Coastal bermuda pasture						
25%-S Nitrogen - Apr	4.0 acres	200 lbs	0.40 tons	\$ 326.00 ton	\$ 129.10	
Spread liquid nitrogen	4.0 acres	1 trip	4.0 acres	\$ 5.00 acre	\$ 19.80	\$ 148.90
Bahia pasture						
25%-S Nitrogen + spread	0.0 acres	200 lbs	0.00 tons	\$ 207.00 ton	\$ -	
Spread liquid nitrogen	0.0 acres	1 trip	0.0 acres	\$ 5.00 acre	\$ -	\$ -
Cottonseed						
Cottonseed - 5.00 lbs/hd/dy	0 days	70 lbs	0.00 tons	\$ 120.00 ton	\$ -	\$ -
Hay						
Coastal bermudagrass hay - 25 lbs/hd/dy	64 days	350 lbs	11.2 tons	\$ 100.00 ton	\$ 1,120.00	\$ 1,120.00
Mineral						
Vigortone 3V2S Mineral	213 days	3.00 lbs	639 lbs	\$ 775.00 ton	\$ 247.61	
Vigortone 3V2SMG Mineral	152 days	3.50 lbs	532 lbs	\$ 768.00 ton	\$ 204.29	\$ 451.90
Herd Health Program - Cows						
Ft. Dodge TriVib 5L	14 head	1 dose	14 dose	\$ 0.37 dose	\$ 5.18	
Normectin - Mar,Jun, Aug - 50,55,55	14 head	160 ml	2,240 ml	\$ 22.00 ltr	\$ 49.28	
Saber Ultra - May,Jul - 15,15	14 head	30 ml	420 ml	\$ 155.00 gal	\$ 17.20	
Vet Services				\$ -	\$ -	
Vet Supplies	14 head	1 head	14 head	\$ 1.00 head	\$ 14.00	\$ 85.66
Herd Health Program - Calves						
Pfizer TSV-2	13 head	1 dose	13 dose	\$ 0.59 dose	\$ 7.67	

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Item	Amount	Units per	Total Used	\$ Cost	Item \$ Total	Total Cost
Pfizer Ultrbac-7	13 head	1 dose	13 dose	\$ 0.37 dose	\$ 4.81	
Pfizer Leptoferm 5	13 head	1 dose	13 dose	\$ 0.55 dose	\$ 7.15	
Normectin - Jun - 20	13 head	20 ml	260 ml	\$ 22.00 ltr	\$ 5.72	
Saber Ultra - May,Jul - 10,10	13 head	20 ml	260 ml	\$ 155.00 gal	\$ 10.65	
Ear Tag - at birth	13 head	2 tag	26 tags	\$ 1.25 tag	\$ 32.50	
Miscellaneous - iodine, tattoo ink, etc.	13 head	1 head	13 head	\$ 1.00 head	\$ 13.00	\$ 81.50
AI Breeding & Synchronization						
Butler Ovacyst (GnRH)	0 dose		0 dose	\$ 3.17 dose	\$ -	
Butler Prostamate (Prostaglandin)	0 dose		0 dose	\$ 2.72 dose	\$ -	
Estroject Heat Detector Patches	0 patch		0 patch	\$ 1.25 patch	\$ -	
Semen Tank - \$625 - 10 yrs	0.00 year	0.1 tank/yr	0.00 tank	\$ 625.00 tank	\$ -	
Liquid Nitrogen	0.00 year	1 year	0.00 year	\$ 120.00 year	\$ -	
Semen	0 straw		0 straw	\$ - straw	\$ -	
Supplies - sleeves, gloves, etc.	0 head	1 head	0 head	\$ 2.00 each	\$ -	\$ -
Natural Breeding						
Angus Bull - 5 years less \$1200 salvage	1 year	0.20 bull/yr	0.2 bull	\$ 3,000.00 bull	\$ 360.00	
2-year-old Bull Maintenance Costs	1 year	1 year	1.00 year	\$ 436.34 year	\$ 436.34	
Pregnancy Testing	14 head	1 head	14 head	\$ 5.00 head	\$ 70.00	\$ 866.34
Marketing						
Marketing - calves	13 head			\$ 10.00 head	\$ 130.00	\$ 130.00
Utilities & Maintenance						
Electricity - water and fence	3.96 month	1 month	3.96 month	\$ 15.00 month	\$ 59.40	
Repairs - fences, water, corrals, etc.	14 head	1 head	14 head	\$ 10.00 head	\$ 140.00	
Pasture mowing	19.8 acres	1 acre	19.8 acres	\$ 5.00 acre	\$ 99.00	\$ 298.40
Total Annual Production Costs						\$ 6,790.12