

# Edisto IRM Beef Production Systems

## 2007 Angus Yearling Heifer Development - Net Cost

### INCOME

Item	No.	Avg Wt	\$/cwt	\$/head	\$ Value	Income
<b>Culled Heifers - Sold</b>						
08/29/07	7	1,153	\$ 60.00	\$ 691.80	\$ 4,842.60	
<b>Total Income</b>						<b>\$ 4,842.60</b>

### EXPENSES

Item	Total Cost	per HEIFER
<b>No. of Heifers</b>		<b>23</b>
Winter Grazing - overseed coastal	\$ 1,311.20	\$ 57.01
Winter Grazing - prepared land	\$ 401.07	\$ 17.44
MaxQ fescue pasture	\$ 818.44	\$ 35.58
Coastal bermuda pasture	\$ 372.06	\$ 16.18
37-day Preconditioning Program	\$ 1,195.77	\$ 51.99
Supplemental Feed	\$ 1,583.50	\$ 68.85
Hay	\$ -	\$ -
Mineral	\$ 699.46	\$ 30.41
Herd Health Program	\$ 154.26	\$ 6.71
AI Breeding & Synchronization	\$ 1,170.28	\$ 50.88
Natural Breeding	\$ 604.91	\$ 26.30
Utilities & Maintenance	\$ 510.06	\$ 22.18
<b>Total Expenses</b>	<b>\$ 8,821.02</b>	<b>\$ 383.52</b>

### NET COST

Item	No. Head	Totals
Total Expenses		\$ 8,821.02
Total Income		\$ 4,842.60
<b>Total Net Cost</b>		<b>\$ 3,978.42</b>
<b>Net Cost - per bred heifer</b>	<b>16</b>	<b>\$ 248.65</b>

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Item	Amount	Units per	Total Used	\$ Cost	Item \$ Total	Total Cost
<b>Winter Grazing - overseed coastal</b>						
Wintergrazer 70 Rye	18.0 acres	100 lbs	32.1 bags	\$ 14.00 bag	\$ 449.35	
25%-S Nitrogen + spread - Oct	18.0 acres	200 lbs	1.80 tons	\$ 173.50 ton	\$ 311.85	
25%-S Nitrogen + spread - Feb	18.0 acres	200 lbs	1.80 tons	\$ 206.00 ton	\$ 370.26	
Land Preparation & Planting	18.0 acres	1 acre	18.0 acres	\$ 10.00 acre	\$ 179.74	\$ 1,311.20
<b>Winter Grazing - prepared land</b>						
Wintergrazer 70 Rye	4.2 acres	100 lbs	8.4 bags	\$ 14.00 bag	\$ 117.04	
25%-S Nitrogen + spread - Oct	4.2 acres	200 lbs	0.42 tons	\$ 173.50 ton	\$ 72.52	
25%-S Nitrogen + spread - Feb	4.2 acres	200 lbs	0.42 tons	\$ 206.00 ton	\$ 86.11	
Land Preparation & Planting	4.2 acres	1 acre	4.2 acres	\$ 30.00 acre	\$ 125.40	\$ 401.07
<b>MaxQ fescue pasture</b>						
0-0-60 Fertilizer + spread - Mar	23.0 acres	100 lbs	1.15 tons	\$ 300.00 ton	\$ 344.85	
25%-S Nitrogen + spread - Feb	23.0 acres	200 lbs	2.30 tons	\$ 206.00 ton	\$ 473.59	\$ 818.44
<b>Coastal bermuda pasture</b>						
25%-S Nitrogen + spread - May	18.0 acres	200 lbs	1.80 tons	\$ 207.00 ton	\$ 372.06	\$ 372.06
<b>37-day Preconditioning Program</b>						
Feed	23 head			\$ 42.33 head	\$ 973.59	
Herd Health	23 head			\$ 9.66 head	\$ 222.18	\$ 1,195.77
<b>Supplemental Feed</b>						
Cottonseed - 3 lbs/hd/dy	45 days	69 lbs	1.55 tons	\$ 80.00 ton	\$ 124.20	
Bull Test Ration - 7 lbs/day	45 days	161 lbs/dy	3.62 tons	\$ 155.70 ton	\$ 564.02	
Bull Test Ration - 10 lbs/day	50 days	230 lbs/dy	5.75 tons	\$ 155.70 ton	\$ 895.28	\$ 1,583.50
<b>Hay</b>						
Coastal bermudagrass hay - 10 lbs/day	0 days	230 lbs	0.0 tons	\$ 75.00 ton	\$ -	\$ -
<b>Mineral</b>						
Vigortone 3V2S Mineral	214 days	5.75 lbs	1,231 lbs	\$ 650.00 ton	\$ 399.91	
Vigortone 3V2SMG Mineral	151 days	5.75 lbs	868 lbs	\$ 690.00 ton	\$ 299.55	\$ 699.46
<b>Herd Health Program</b>						
Ft. Dodge Pyramid 5	23 head	1 dose	23 dose	\$ 1.04 dose	\$ 23.92	
Ft. Dodge TriVib 5L	23 head	1 dose	23 dose	\$ 0.73 dose	\$ 16.79	
Normectin - Feb,Mar,Jul - 40,45,50	23 head	135 ml	3,105 ml	\$ 22.00 ltr	\$ 68.31	
Saber - Jun, Aug - 15,15	23 head	30 ml	690 ml	\$ 122.00 gal	\$ 22.24	
Vet Services				\$ -	\$ -	
Vet Supplies	23 head	1 head	23 head	\$ 1.00 head	\$ 23.00	\$ 154.26
<b>AI Breeding &amp; Synchronization</b>						
Butler Ovacyst (GnRH)	23 dose		23 dose	\$ 2.22 dose	\$ 51.06	
Butler Prostamate (Prostaglandin)	30 dose		30 dose	\$ 2.72 dose	\$ 81.60	
Estroject Heat Detector Patches	28 patch		28 patch	\$ 1.25 patch	\$ 35.00	
Semen Tank - \$625 - 10 yrs	1.00 year	0.1 tank/yr	0.10 tank	\$ 625.00 tank	\$ 62.50	
Liquid Nitrogen	1.00 year	1 year	1.00 year	\$ 120.00 year	\$ 120.00	
Semen	28 straw		28 straw	\$ 29.29 straw	\$ 820.12	
Supplies - sleeves, gloves, etc.	0 head	1 head	0 head	\$ 2.00 each	\$ -	\$ 1,170.28
<b>Natural Breeding</b>						
Angus Bull - 5 years less \$1200 salvage	1 year	0.20 bull/yr	0.20 bull	\$ 1,800.00 bull	\$ 120.00	

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Item	Amount	Units per	Total Used	\$ Cost	Item \$ Total	Total Cost
2-year-old Bull Maintenance Costs	1 year	1 year	1.00 year	\$ 369.91 year	\$ 369.91	
Pregnancy Testing	23 head	1 head	23 head	\$ 5.00 head	\$ 115.00	\$ 604.91
<b>Utilities &amp; Maintenance</b>						
Electricity - water and fence	5.0 month	1 month	5.02 month	\$ 15.00 month	\$ 75.24	
Repairs - fences, water, corrals, etc.	23 head	1 head	23 head	\$ 10.00 head	\$ 230.00	
Pasture mowing	41.0 acres	1 acre	41.0 acres	\$ 5.00 acre	\$ 204.82	\$ 510.06
<b>Total Annual Production Costs</b>						<b>\$ 8,821.02</b>