

Edisto IRM Beef Production Systems

2003 Angus Yearling Heifer Development - Net Cost

INCOME

Item	No. Head	Income
Culled Heifers - sold 08/13/03	3	\$ 1,282.50
Total Income		\$ 1,282.50

EXPENSES

Item	Total Cost	per HEIFER
No. of Heifers		50
Winter Grazing - stockpiled fescue	\$ 1,287.00	\$ 25.74
49-day Preconditioning Program	\$ 3,556.50	\$ 71.13
Supplemental Feed	\$ 4,675.59	\$ 93.51
Herd Health Program	\$ 499.50	\$ 9.99
AI Breeding & Synchronization	\$ 1,337.50	\$ 26.75
Natural Breeding	\$ 1,215.50	\$ 24.31
Utilities & Maintenance	\$ 1,121.00	\$ 22.42
Total Expenses	\$ 13,692.60	\$ 273.85

NET COST

Item	No. Head	Totals
Total Expenses		\$ 13,692.60
Total Income		\$ 1,282.50
Total Net Cost		\$ 12,410.10
Net Cost - per bred heifer	47	\$ 264.04

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2003 Angus Yearling Heifer Development - Production Costs

Item	Amount	Units per	Total Used	\$ Cost	Item \$ Total	Total Cost
Winter Grazing - MaxQ fescue						
25%-S Nitrogen + spread - 2 x 200 lbs/ac	55.0 acres	400 lbs	22,000 lbs	\$ 117.00 ton	\$ 1,287.00	\$ 1,287.00
49-day Preconditioning Program						
Feed	50 head			\$ 61.20 head	\$ 3,060.00	
Herd Health	50 head			\$ 9.93 head	\$ 496.50	\$ 3,556.50
Supplemental Feed						
Corn - 7.00 lbs/day	52 days	350 lbs/dy	18,200 lbs	\$ 2.85 bu	\$ 926.25	
Corn - 5.00 lbs/day	44 days	350 lbs/dy	15,250 lbs	\$ 2.85 bu	\$ 776.12	
Cottonseed - 3.00 lbs/day	96 days	350 lbs	33,450 lbs	\$ 80.00 ton	\$ 1,338.00	
Coastal bermudagrass hay - 10 lbs/day	52 days	500 lbs	26,000 lbs	\$ 60.00 ton	\$ 780.00	
MultiKare Rabon Summer Mineral - 4.0 oz/d	185 days	12.50 lbs	2,313 lbs	\$ 500.00 ton	\$ 578.13	
MultiKare Winter Mineral - 4.0 oz/day	136 days	12.50 lbs	1,700 lbs	\$ 326.00 ton	\$ 277.10	\$ 4,675.59
Herd Health Program						
Ft. Dodge Pyramid 4	50 head	1 dose	50 dose	\$ 0.97 dose	\$ 48.50	
Ft. Dodge TriVib 5L	50 head	2 dose	100 dose	\$ 0.65 dose	\$ 65.00	
Ft. Dodge Cydectin dewormer - February	50 head	40 ml	2,000 ml	\$ 65.00 ltr	\$ 130.00	
Schering-Plough Saber pour-on - 2x	50 head	30 ml	1,500 ml	\$ 35.50 ltr	\$ 53.25	
Ft. Dodge Cydectin dewormer - August	47 head	50 ml	2,350 ml	\$ 65.00 ltr	\$ 152.75	
Vet Services				\$ -	\$ -	
Vet Supplies	50 head	1 head	50 head	\$ 1.00 head	\$ 50.00	\$ 499.50
AI Breeding & Synchronization						
Ft. Dodge Factrel Rx (GnRH)	50 dose		50 dose	\$ 3.75 dose	\$ 187.50	
Phoenix Prostagmate (Prostaglandin)	46 dose		46 dose	\$ 2.50 dose	\$ 115.00	
Tail Paint	1.00 bottle		1.00 bottle	\$ 10.00 bottle	\$ 10.00	
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	45 straw		45 straw	\$ 16.50 straw	\$ 742.50	
Supplies - sleeves, gloves, etc.	50 head	1 head	50 head	\$ 2.00 head	\$ 100.00	\$ 1,337.50
Natural Breeding						
Angus Bull - 5 yrs less \$1200 salvage	1 year	0.2 bull/yr	0.20 bull	\$ 3,000.00 bull	\$ 600.00	
Mature Bull Maintenance Costs	1 year	1 year	1.00 year	\$ 365.50 year	\$ 365.50	
Pregnancy Testing	50 head	1 head	50 head	\$ 5.00 head	\$ 250.00	\$ 1,215.50
Utilities & Maintenance						
Electricity - water and fence	12.0 month	1 month	12.00 month	\$ 15.00 month	\$ 180.00	
Repairs - fences, water, corrals, etc.	50 head	1 head	50 head	\$ 10.00 head	\$ 500.00	
Pasture mowing	98.0 acres	1 acre	98.0 acres	\$ 4.50 acre	\$ 441.00	\$ 1,121.00
Total Annual Production Costs						\$ 13,692.60