

Estimating 2004 Costs of Production

NORTHWEST ARKANSAS BERMUDA ROUND BALES

AG847-01-05

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ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM		19.78	1.0000	19.78	_____
FERTILIZER		73.20	1.0000	73.20	_____
OTHER		5.00	1.0000	5.00	_____
OPERATOR LABOR	hour	9.02	4.6010	41.51	_____
DIESEL FUEL	gal	1.65	27.0266	44.59	_____
REPAIR & MAINTENANCE		36.66	1.0000	36.66	_____
INTEREST ON OP. CAP.		6.46	1.0000	6.46	_____

TOTAL DIRECT EXPENSES				227.20	_____
TOTAL FIXED EXPENSES				57.48	_____

TOTAL SPECIFIED EXPENSES				284.68	_____

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Table 2. Estimated resource use and costs for field operations per acre, Bermuda Hay Round Bales, Arkansas, 2004

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Soil Testing	acre			1.00	Mar							1.0000	0.60	0.60	0.60
Spray (Broadcast)	27'	2WD 75	0.061	1.00	Apr	0.52	0.28	0.17	0.20	0.06	0.55				1.72
Gramoxone	pt											1.5000	6.25	9.38	9.38
Fert Buggy	20	2WD 75	0.120	1.00	Apr	1.01	0.56	0.15	0.27	0.12	1.08				3.07
Amm Nitrate (34%N)	ton											0.1000	183.00	18.30	18.30
Fert 0-0-60	ton											0.0500	196.00	9.80	9.80
Hay Disc Mower	10'	2WD 75	0.257	1.00	May	2.17	1.19	2.78	3.20	0.25	2.32				11.66
Hay Tedder	17'	2WD 75	0.060	1.00	May	4.32	0.28	0.12	0.17	0.06	0.54				5.43
Hay Rake-Double	17'	2WD 75	0.150	1.00	May	1.27	0.69	1.03	1.48	0.15	1.35				5.82
Hay Baler	Lg Round	2WD 75	0.248	1.00	May	2.09	1.15	2.64	3.80	0.24	2.24				11.92
Twine	bun											0.0500	25.00	1.25	1.25
Hay Mover	1B Lift	2WD 75	0.300	1.00	May	2.53	1.39	0.03	0.07	0.30	2.71				6.73
Fert Buggy	20	2WD 75	0.120	1.00	Jun	1.01	0.56	0.15	0.27	0.12	1.08				3.07
Amm Nitrate (34%N)	ton											0.1000	183.00	18.30	18.30
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Fert Buggy	20	2WD 75	0.120	1.00	Sep	1.01	0.56	0.15	0.27	0.12	1.08				3.07
Amm Nitrate (34%N)	ton											0.1000	183.00	18.30	18.30
Hay Disc Mower	10'	2WD 75	0.257	1.00	Oct	2.17	1.19	2.78	3.20	0.25	2.32				11.66
Hay Tedder	17'	2WD 75	0.060	1.00	Oct	4.32	0.28	0.12	0.17	0.06	0.54				5.43
Hay Rake-Double	17'	2WD 75	0.150	1.00	Oct	1.27	0.69	1.03	1.48	0.15	1.35				5.82
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Twine	bun											0.0500	25.00	1.25	1.25
Hay Mover	1B Lift	2WD 75	0.300	1.00	Oct	2.53	1.39	0.03	0.07	0.30	2.71				6.73
TOTALS						54.08	21.32	27.17	36.16	4.60	41.51			97.98	278.22
INTEREST ON OPERATING CAPITAL															6.46
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															284.68

Note: Cost of production estimates are based on last year's input prices.

Fertilization decisions should be based on soil tests.

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