

Estimating 2004 Costs of Production

NORTHWEST ARKANSAS BERMUDA SMALL SQUARE BALES

AG846-01-05

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ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM FERTILIZER		34.78	1.0000	34.78	_____
OTHER OPERATOR LABOR	hour	30.00	1.0000	30.00	_____
DIESEL FUEL	gal	9.02	3.6850	33.23	_____
REPAIR & MAINTENANCE		1.65	23.4905	38.75	_____
INTEREST ON OP. CAP.		31.10	1.0000	31.10	_____
		7.01	1.0000	7.01	_____

TOTAL DIRECT EXPENSES				248.07	_____
TOTAL FIXED EXPENSES				47.88	_____

TOTAL SPECIFIED EXPENSES				295.95	_____

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Table 2. Estimated resource use and costs for field operations per acre, Bermuda Hay
Small Square 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	Apr							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	Conv	2WD 75	0.229	1.00	May	1.93	1.06	1.69	2.43	0.22	2.07				9.18
Twine	bun											0.3000	25.00	7.50	7.50
Hay Trailer	20'	2WD 75	0.090	1.00	May	0.76	0.42	0.06	0.10	0.09	0.81				2.15
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
Hay Disc Mower	10'	2WD 75	0.257	1.00	Jul	2.17	1.19	2.78	3.20	0.25	2.32				11.66
Hay Tedder	17'	2WD 75	0.060	1.00	Jul	4.32	0.28	0.12	0.17	0.06	0.54				5.43
Hay Rake-Double	17'	2WD 75	0.150	1.00	Jul	1.27	0.69	1.03	1.48	0.15	1.35				5.82
Hay Baler	Conv	2WD 75	0.229	1.00	Jul	1.93	1.06	1.69	2.43	0.22	2.07				9.18
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Fert Buggy	20	2WD 75	0.120	1.00	Jul	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	Aug	2.17	1.19	2.78	3.20	0.25	2.32				11.66
Hay Tedder	17'	2WD 75	0.060	1.00	Aug	4.32	0.28	0.12	0.17	0.06	0.54				5.43
Hay Rake-Double	17'	2WD 75	0.150	1.00	Aug	1.27	0.69	1.03	1.48	0.15	1.35				5.82
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Fert Buggy	20	2WD 75	0.120	1.00	Aug	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
Hay Baler	Conv	2WD 75	0.229	1.00	Oct	1.93	1.06	1.69	2.43	0.22	2.07				9.18
Twine	bun											0.3000	25.00	7.50	7.50
Hay Trailer	20'	2WD 75	0.090	1.00	Oct	0.76	0.42	0.06	0.10	0.09	0.81				2.15
Hay Labor	bale			1.00	Oct							150.0000	0.10	15.00	15.00
TOTALS						46.36	17.08	23.49	30.80	3.68	33.23			137.98	288.94
INTEREST ON OPERATING CAPITAL															7.01
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															295.95

Note: Cost of production estimates are based on last year's input prices.
Fertilization decisions should be based on soil tests.
No endorsements are implied or discrimination intended for inputs included or excluded from this list.

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