

*Projections for Planning Purposes Only
Not to be Used without Updating after October 15, 2003*

Table 8.A Estimated costs and returns per acre
Forage Sorghum Hay, Irrigated
2004 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
hay sorghum	tons	65.00	10.0000	650.00	_____

TOTAL INCOME				650.00	_____
DIRECT EXPENSES					
SEED					
seed sorgum forg	lb	0.32	40.0000	12.80	_____
FERTILIZER					
nitrogen dry	lb	0.25	300.0000	75.00	_____
phospate	lb	0.32	60.0000	19.20	_____
CUSTOM					
hay baling	bale	0.70	330.0000	231.00	_____
cstm haul hay	bale	0.50	330.0000	165.00	_____
IRRIGATION					
irrigation costs	ac/in	4.00	20.0000	80.00	_____
OPERATOR LABOR					
Tractors	hour	8.90	1.6831	14.98	_____
DIESEL FUEL					
Tractors	gal	1.09	12.8895	14.04	_____
GASOLINE					
Pick-up, 3/4 ton	gal	1.75	0.9100	1.59	_____
REPAIR & MAINTENANCE					
Implements	acre	12.42	1.0000	12.42	_____
Tractors	acre	18.22	1.0000	18.22	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
INTEREST ON OP. CAP.	acre	16.68	1.0000	16.68	_____
TOTAL DIRECT EXPENSES				661.96	_____
RETURNS ABOVE DIRECT EXPENSES				-11.96	_____
FIXED EXPENSES					
Implements	acre	25.44	1.0000	25.44	_____
Tractors	acre	31.15	1.0000	31.15	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____
TOTAL FIXED EXPENSES				59.59	_____
TOTAL SPECIFIED EXPENSES				721.55	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-71.55	_____
ALLOCATED COST ITEMS					
cash rent hay irr	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				-121.55	_____

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of Texas Cooperative Extension and approved for publication

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Table 8.B Estimated resource use and costs for field operations, per acre
Forage Sorghum Hay, Irrigated
2004 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
chisel		225	0.152	1.00	Nov	4.28	3.90	0.28	0.51	0.152	1.35					10.34
shredder		100	0.199	1.00	Nov	3.27	3.58	0.58	0.91	0.199	1.77					10.14
offset disc 20 ft	20 ft	200	0.103	1.00	Nov	2.24	2.11	3.09	6.43	0.103	0.91					14.80
land plane		100	0.190	1.00	Nov	3.13	3.44	1.06	2.20	0.190	1.69					11.55
offset disc 20 ft	20 ft	200	0.103	1.00	Nov	2.24	2.11	3.09	6.43	0.103	0.91					14.80
fertilizer spreader		150	0.153	1.00	Feb	2.78	2.54	0.71	1.48	0.153	1.36					8.89
nitrogen dry	lb											60.0000	0.25	15.00		15.00
phospate	lb											60.0000	0.32	19.20		19.20
grain drill		150	0.204	1.00	Feb	3.70	3.38	1.15	2.40	0.204	1.82					12.47
seed sorghum forg	lb											40.0000	0.32	12.80		12.80
irrigation costs	ac/in											4.0000	4.00	16.00		16.00
irrigation costs	ac/in			1.00	Apr							4.0000	4.00	16.00		16.00
anhydrous rig		125	0.114	1.00	May	2.24	2.40	0.29	0.60	0.114	1.01					6.56
hay baling	bale											66.0000	0.70	46.20		46.20
cstm haul hay	bale											66.0000	0.50	33.00		33.00
nitrogen dry	lb											60.0000	0.25	15.00		15.00
fertilizer spreader		150	0.153	1.00	Jun	2.78	2.54	0.71	1.48	0.153	1.36					8.89
cstm haul hay	bale											66.0000	0.50	33.00		33.00
hay baling	bale											66.0000	0.70	46.20		46.20
nitrogen dry	lb											60.0000	0.25	15.00		15.00
irrigation costs	ac/in											4.0000	4.00	16.00		16.00
fertilizer spreader		150	0.153	1.00	Jul	2.78	2.54	0.71	1.48	0.153	1.36					8.89
hay baling	bale											66.0000	0.70	46.20		46.20
cstm haul hay	bale											66.0000	0.50	33.00		33.00
nitrogen dry	lb											60.0000	0.25	15.00		15.00
irrigation costs	ac/in											4.0000	4.00	16.00		16.00
fertilizer spreader		150	0.153	1.00	Aug	2.78	2.54	0.71	1.48	0.153	1.36					8.89
cstm haul hay	bale											66.0000	0.50	33.00		33.00
hay baling	bale											66.0000	0.70	46.20		46.20
irrigation costs	ac/in											4.0000	4.00	16.00		16.00
nitrogen dry	lb											60.0000	0.25	15.00		15.00
Pick-up, 3/4 ton	acre			1.00	Sep			2.59	3.00			1.0000				5.59
cstm haul hay	bale											66.0000	0.50	33.00		33.00
hay baling	bale											66.0000	0.70	46.20		46.20
TOTALS							32.27	31.15	15.01	28.44	1.683	14.98			583.00	704.86
INTEREST ON OPERATING CAPITAL																16.68
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																721.55

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