

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

Table 6.A Estimated costs and returns per Acre  
 Sorghum for Hay  
 2004 Projected Costs and Returns per Acre - North Texas (4)

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
hay - sorghum	bale	1.14	60.0000	68.40	_____
hay - sorghum	bale	1.14	60.0000	68.40	_____
				-----	
TOTAL INCOME				136.80	_____
DIRECT EXPENSES					
fertilizer					
18-46-0	lb.	0.13	100.0000	13.00	_____
82-0-0	lb.	0.13	100.0000	13.00	_____
34-0-0	lb.	0.09	300.0000	27.00	_____
seed					
seed - forage sorghu	lb.	0.20	15.0000	3.00	_____
custom					
custom baling	bale	0.65	120.0000	78.00	_____
cust haul - hay	bale	0.40	120.0000	48.00	_____
OPERATOR LABOR					
Implements	hour	6.50	0.3133	2.03	_____
Tractors	hour	6.50	0.6658	4.32	_____
DIESEL FUEL					
Tractors	gal	1.06	3.3930	3.59	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.75	1.0000	5.75	_____
Tractors	Acre	5.95	1.0000	5.95	_____
				-----	
TOTAL DIRECT EXPENSES				203.67	_____
RETURNS ABOVE DIRECT EXPENSES				-66.87	_____
FIXED EXPENSES					
Implements	Acre	9.46	1.0000	9.46	_____
Tractors	Acre	10.24	1.0000	10.24	_____
				-----	
TOTAL FIXED EXPENSES				19.70	_____
				-----	
TOTAL SPECIFIED EXPENSES				223.37	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-86.57	_____
ALLOCATED COST ITEMS					
cash - cropland	acre	25.00	1.0000	25.00	_____
RESIDUAL RETURNS				-111.57	_____

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Table 6.B Estimated resource use and costs for field operations, per Acre  
Sorghum for Hay  
2004 Projected Costs and Returns per Acre - North Texas (4)

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-----			
offset disc - 13 ft	13 ft	75	0.132	1.00	May	1.57	1.52	1.02	1.69	0.290	1.89				7.71
tandem disc	20 ft	100	0.114	1.00	Aug	1.53	1.62	0.53	0.88	0.114	0.74				5.32
dry fert. rig		100	0.034	1.00	Oct	0.46	0.48	0.29	0.48	0.034	0.22				1.94
18-46-0	lb.											100.0000	0.13	13.00	13.00
tandem disc	20 ft	100	0.114	1.00	Oct	1.53	1.62	0.53	0.88	0.114	0.74				5.32
anhydrous rig		125	0.128	1.00	Feb	2.69	3.26	1.84	3.02	0.283	1.84				12.67
82-0-0	lb.											100.0000	0.13	13.00	13.00
grain drill		75	0.107	1.00	Mar	1.27	1.23	1.22	2.01	0.107	0.69				6.44
seed - forage sorghu	lb.											15.0000	0.20	3.00	3.00
custom baling	bale			1.00	May							60.0000	0.65	39.00	39.00
cust haul - hay	bale											60.0000	0.40	24.00	24.00
dry fert. rig		100	0.034	1.00	Jun	0.46	0.48	0.29	0.48	0.034	0.22				1.94
34-0-0	lb.											300.0000	0.09	27.00	27.00
custom baling	bale			1.00	Jul							60.0000	0.65	39.00	39.00
cust haul - hay	bale											60.0000	0.40	24.00	24.00
TOTALS						9.54	10.24	5.75	9.46	0.979	6.36			182.00	223.37
INTEREST ON OPERATING CAPITAL															0.00
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															223.37

*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*