

Table 15.A Estimated costs and returns per acre  
Sorghum, Dryland  
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
sorghum	cwt	8.50	30.0000	255.00	_____
				-----	
TOTAL INCOME				255.00	_____
<b>DIRECT EXPENSES</b>					
<b>SEED</b>					
seed sorghum	bag	90.00	0.1700	15.30	_____
<b>CROP INSURANCE</b>					
crop ins. sorg d	acre	2.50	1.0000	2.50	_____
<b>INSECTICIDE</b>					
lanate	pint	8.15	0.5000	4.07	_____
insect dimethoate	pint	5.75	0.5000	2.87	_____
<b>FERTILIZER</b>					
phospate	lb	0.65	30.0000	19.50	_____
nitrogen n32	lb	0.50	40.0000	20.00	_____
<b>MISC ADMIN O/H</b>					
mis admin o/h sorg	acre	4.00	0.3000	1.20	_____
<b>HERBICIDES</b>					
herbicide -atrazine	qt	2.00	4.0000	8.00	_____
<b>CUSTOM</b>					
custom application	acre	5.00	1.5000	7.50	_____
cust appl - milo	acre	3.00	1.0000	3.00	_____
cstm haul sorghum	cwt	0.30	30.0000	9.00	_____
cstm hvst sorg dry	acre	20.00	1.0000	20.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	11.00	0.9562	10.51	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.65	5.9132	15.67	_____
<b>GASOLINE</b>					
Pick-up, 3/4 ton	gal	2.70	0.9100	2.45	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	4.18	1.0000	4.18	_____
Tractors	acre	9.40	1.0000	9.40	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
INTEREST ON OP. CAP.	acre	4.71	1.0000	4.71	_____
				-----	
TOTAL DIRECT EXPENSES				160.89	_____
RETURNS ABOVE DIRECT EXPENSES				94.10	_____
<b>FIXED EXPENSES</b>					
Implements	acre	8.09	1.0000	8.09	_____
Tractors	acre	16.11	1.0000	16.11	_____
Pick-up, 3/4 ton	acre	3.60	1.0000	3.60	_____
				-----	
TOTAL FIXED EXPENSES				27.81	_____
				-----	
TOTAL SPECIFIED EXPENSES				188.70	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				66.29	_____
<b>ALLOCATED COST ITEMS</b>					
cash rent sorg dry	acre	20.00	1.0000	20.00	_____
RESIDUAL RETURNS				46.29	_____

Projections for Planning Purposes Only  
 Not to be Used without Updating after January 1, 2011

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Table 15.B Estimated resource use and costs for field operations, per acre  
 Sorghum, Dryland  
 2011 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
shredder		100	0.130	1.00	Aug	3.27	2.10	0.61	0.86	0.130	1.43				8.28
chisel		225	0.110	1.00	Aug	5.65	3.78	0.33	0.53	0.110	1.21				11.52
offset disc	12-foot	125	0.130	1.00	Sep	3.61	2.30	0.50	1.09	0.130	1.43				8.95
offset disc	12-foot	125	0.130	1.00	Dec	3.61	2.30	0.50	1.09	0.130	1.43				8.95
Pick-up, 3/4 ton	acre			1.00	Jan			3.45	3.60			1.0000			7.05
crop ins. sorg d	acre											1.0000	2.50	2.50	2.50
herbicide -atrazine	qt			1.00	Feb							4.0000	2.00	8.00	8.00
custom application	acre											1.0000	5.00	5.00	5.00
phospate	lb			1.00	Feb							30.0000	0.65	19.50	19.50
nitrogen n32	lb											40.0000	0.50	20.00	20.00
cust appl - milo	acre											1.0000	3.00	3.00	3.00
planter-max emerge m		150	0.100	1.00	Feb	3.16	1.95	0.96	1.76	0.250	2.75				10.60
seed sorghum	bag											0.1700	90.00	15.30	15.30
cultivator 8 row	8 row	125	0.103	1.00	Mar	2.87	1.82	0.63	1.37	0.103	1.13				7.83
custom application	acre			1.00	Apr							0.5000	5.00	2.50	2.50
lanate	pint											0.5000	8.15	4.07	4.07
insect dimethoate	pint											0.5000	5.75	2.87	2.87
cultivator 8 row	8 row	125	0.103	1.00	May	2.87	1.82	0.63	1.37	0.103	1.13				7.83
mis admin o/h sorg	acre			1.00	Jun							0.3000	4.00	1.20	1.20
cstm haul sorghum	cwt			1.00	Jul							30.0000	0.30	9.00	9.00
cstm hvst sorg dry	acre											1.0000	20.00	20.00	20.00
TOTALS						25.07	16.11	7.64	11.69	0.956	10.51			112.95	183.99
INTEREST ON OPERATING CAPITAL															4.71
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															188.70