

Table 8.A Estimated costs and returns per Acre  
Grain Sorghum  
2009 Projected Costs and Returns per acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt.	8.10	45.0000	364.50	_____
				-----	
TOTAL INCOME				364.50	_____
DIRECT EXPENSES					
CROP INSURANCE					
Sorg Ins APH 65/100	Ac.	4.34	1.0000	4.34	_____
CUSTOM					
dry fert. rig	acre	3.00	1.0000	3.00	_____
Custom Combine Sorg	Acre	14.00	1.0000	14.00	_____
Custom Hauling CWT	CWT	0.25	45.0000	11.25	_____
FERTILIZER					
fert 18-46-0	lb.	0.55	100.0000	55.00	_____
fert 82-0-0	lb.	0.55	100.0000	55.00	_____
HERBICIDE					
herb, pre-emerg sorg	Quart	6.50	1.5000	9.75	_____
INSECTICIDE					
Sorghum Insect Soil	acre	8.00	2.5000	20.00	_____
Insecticide - Midge	acre	3.00	1.0000	3.00	_____
SEED					
Seed Sorghum treated	Lb.	1.40	6.0000	8.40	_____
OPERATOR LABOR					
Tractors	hour	10.00	0.4510	4.51	_____
Self-Propelled Eq.	hour	10.00	0.0360	0.36	_____
DIESEL FUEL					
Tractors	gal	2.30	4.0057	9.21	_____
Self-Propelled Eq.	gal	2.30	0.2751	0.63	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.46	1.0000	4.46	_____
Tractors	Acre	2.92	1.0000	2.92	_____
Self-Propelled Eq.	Acre	0.64	1.0000	0.64	_____
INTEREST ON OP. CAP.	Acre	6.98	1.0000	6.98	_____
				-----	
TOTAL DIRECT EXPENSES				213.47	_____
RETURNS ABOVE DIRECT EXPENSES				151.02	_____
FIXED EXPENSES					
Implements	Acre	9.89	1.0000	9.89	_____
Tractors	Acre	7.20	1.0000	7.20	_____
Self-Propelled Eq.	Acre	1.01	1.0000	1.01	_____
				-----	
TOTAL FIXED EXPENSES				18.11	_____
				-----	
TOTAL SPECIFIED EXPENSES				231.59	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				132.90	_____
ALLOCATED COST ITEMS					
CASH RENT CROPLAND	acre	25.00	1.0000	25.00	_____
RESIDUAL RETURNS				107.90	_____

Table 8.B Estimated resource use and costs for field operations, per Acre  
 Grain Sorghum  
 2009 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	20 foot	200 hp	0.147	1.00	Aug	4.35	2.58	0.30	0.99	0.161	1.61				9.84
Tandem Disk	30 ft.	200 hp	0.076	1.00	Oct	2.25	1.33	1.01	1.66	0.083	0.83				7.10
dry fert. rig	acre			1.00	Jan							1.0000	3.00	3.00	3.00
fert 18-46-0	lb.											100.0000	0.55	55.00	55.00
Field Cultivator	32 ft.	200 hp	0.047	1.00	Feb	1.39	0.82	0.54	1.11	0.051	0.51				4.39
fert 82-0-0	lb.											100.0000	0.55	55.00	55.00
Planter Pull	12 row	200 hp	0.140	1.00	Mar	4.14	2.46	2.60	6.12	0.154	1.54				16.87
Seed Sorghum treated	Lb.											6.0000	1.40	8.40	8.40
Sorghum Insect Soil	acre											2.5000	8.00	20.00	20.00
herb, pre-emerg sorg	Quart											1.5000	6.50	9.75	9.75
High Boy Spryr	60' Boom		0.030	1.00	Jun			1.27	1.01	0.036	0.36				2.64
Insecticide - Midge	acre											1.0000	3.00	3.00	3.00
Custom Combine Sorg	Acre			1.00	Aug							1.0000	14.00	14.00	14.00
Custom Hauling CWT	CWT											45.0000	0.25	11.25	11.25
Sorg Ins APH 65/100	Ac.			1.00	Aug							1.0000	4.34	4.34	4.34
TOTALS						12.14	7.20	5.74	10.90	0.487	4.87			183.74	224.60
INTEREST ON OPERATING CAPITAL															6.98
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															231.59