

Table 9.A Estimated costs and returns per Acre
Grain Sorghum, Pivot Irrigated
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	9.00	60.0000	540.00	_____

TOTAL INCOME				540.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.50	4.5000	6.75	_____
FERTILIZER					
fert. (P)	lb.	0.75	50.0000	37.50	_____
fert. (N)	lb.	0.50	90.0000	45.00	_____
CUSTOM					
fert appl.	acre	4.50	1.0000	4.50	_____
herb&appl-sorghumi	acre	21.12	1.0000	21.12	_____
insec+appl - sorghum appl		13.00	0.3300	4.29	_____
harvest & haul - sor	cwt.	0.60	60.0000	36.00	_____
OPERATOR LABOR					
Implements	hour	10.00	0.5437	5.43	_____
Tractors	hour	10.00	0.6058	6.05	_____
HAND LABOR					
Implements	hour	10.00	0.1527	1.52	_____
IRRIGATION LABOR					
Center Pivot	hour	10.00	0.8960	8.96	_____
DIESEL FUEL					
Tractors	gal	3.00	3.1646	9.49	_____
GASOLINE					
Self-Propelled Eq.	gal	3.00	2.0100	6.03	_____
IRRIGATION FUEL COST					
Center Pivot	ac-in	10.00	14.0000	140.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.37	1.0000	7.37	_____
Tractors	Acre	8.05	1.0000	8.05	_____
Self-Propelled Eq.	Acre	0.50	1.0000	0.50	_____
Center Pivot	ac-in	2.00	14.0000	28.00	_____
INTEREST ON OP. CAP.	Acre	8.91	1.0000	8.91	_____

TOTAL DIRECT EXPENSES				385.50	_____
RETURNS ABOVE DIRECT EXPENSES				154.49	_____
FIXED EXPENSES					
Implements	Acre	12.17	1.0000	12.17	_____
Tractors	Acre	12.86	1.0000	12.86	_____
Self-Propelled Eq.	Acre	1.04	1.0000	1.04	_____
Center Pivot	Acre	40.00	1.0000	40.00	_____

TOTAL FIXED EXPENSES				66.08	_____

TOTAL SPECIFIED EXPENSES				451.59	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				88.40	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				13.40	_____

Projections for Planning Purposes Only.

Table 9.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum, Pivot Irrigated
 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-----				
disc	tandem	100	0.138	1.00	Feb	4.21	3.27	1.52	2.32	0.303	3.03					14.38
chisel		125	0.099	1.00	Mar	3.64	2.72	0.69	1.20	0.219	2.19					10.45
fert appl.	acre			1.00	Mar							1.0000	4.50	4.50		4.50
disc	tandem	100	0.138	1.00	Mar	4.21	3.27	1.52	2.32	0.303	3.03					14.38
Center Pivot	ac-in			1.00	May				24.00	40.00	0.128	1.28	2.0000			65.28
rod weeder	8 row	100	0.077	1.00	May	2.36	1.84	1.11	1.93	0.170	1.70					8.96
planter	bed	75	0.152	1.00	May	3.09	1.74	2.51	4.38	0.305	3.05					14.79
seed - sorghum	lb.											4.5000	1.50	6.75		6.75
fert. (P)	lb.											50.0000	0.75	37.50		37.50
herb&appl-sorghumi	acre			1.00	May							1.0000	21.12	21.12		21.12
Center Pivot	ac-in			2.00	Jun				36.00		0.192	1.92	3.0000			37.92
fert. (N)	lb.											90.0000	0.50	45.00		45.00
Pickup Truck	3/4 ton		0.006	20.00	Jun			6.53	1.04							7.57
insec+appl - sorghum	appl			1.00	Jul							0.3300	13.00	4.29		4.29
Center Pivot	ac-in			4.00	Jul				72.00		0.384	3.84	6.0000			75.84
Center Pivot	ac-in			2.00	Aug				36.00		0.192	1.92	3.0000			37.92
harvest & haul - sor cwt.				1.00	Oct							60.0000	0.60	36.00		36.00
TOTALS						17.54	12.86	181.90	53.21	2.198	21.98			155.16		442.68
INTEREST ON OPERATING CAPITAL																8.91
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																451.59

Projections for Planning Purposes Only.