

Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2009

B-1241 (C2)

Table 9.A Estimated costs and returns per Acre  
Sorghum, Pivot Irrigated  
2009 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	7.00	60.0000	420.00	_____
				-----	
TOTAL INCOME				420.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.50	4.5000	6.75	_____
FERTILIZER					
fert. (P)	lb.	0.50	50.0000	25.00	_____
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	2.25	3.1646	7.12	_____
GASOLINE					
Self-Propelled Eq.	gal	2.00	2.0100	4.02	_____
IRRIGATION FUEL COST					
Center Pivot	ac-in	12.00	14.0000	168.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.37	1.0000	7.37	_____
Tractors	Acre	8.05	1.0000	8.05	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
Center Pivot	ac-in	2.03	14.0000	28.42	_____
INTEREST ON OP. CAP.	Acre	8.99	1.0000	8.99	_____
				-----	
TOTAL DIRECT EXPENSES				396.79	_____
RETURNS ABOVE DIRECT EXPENSES				23.20	_____
FIXED EXPENSES					
Implements	Acre	12.17	1.0000	12.17	_____
Tractors	Acre	12.86	1.0000	12.86	_____
Self-Propelled Eq.	Acre	0.27	1.0000	0.27	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				58.91	_____
				-----	
TOTAL SPECIFIED EXPENSES				455.70	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-35.70	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-110.70	_____

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Table 9.B Estimated resource use and costs for field operations, per Acre  
 Sorghum, Pivot Irrigated  
 2009 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-----			
disc	tandem	100	0.138	1.00	Feb	3.66	3.27	1.52	2.32	0.303	3.03				13.82
chisel		125	0.099	1.00	Mar	3.14	2.72	0.69	1.20	0.219	2.19				9.95
fert appl.	acre			1.00	Mar							1.0000	4.50	4.50	4.50
disc	tandem	100	0.138	1.00	Mar	3.66	3.27	1.52	2.32	0.303	3.03				13.82
Center Pivot	ac-in			1.00	May			28.06	33.60	0.128	1.28	2.0000			62.94
rod weeder	8 row	100	0.077	1.00	May	2.05	1.84	1.11	1.93	0.170	1.70				8.65
planter	bed	75	0.152	1.00	May	2.64	1.74	2.51	4.38	0.305	3.05				14.35
seed - sorghum	lb.											4.5000	1.50	6.75	6.75
fert. (P)	lb.											50.0000	0.50	25.00	25.00
herb&appl-sorghumi	acre			1.00	May							1.0000	21.12	21.12	21.12
Center Pivot	ac-in			2.00	Jun			42.09		0.192	1.92	3.0000			44.01
fert. (N)	lb.											90.0000	0.50	45.00	45.00
Pickup Truck	3/4 ton		0.006	20.00	Jun			4.18	0.27						4.45
insec+appl - sorghum	appl			1.00	Jul							0.3300	13.00	4.29	4.29
Center Pivot	ac-in			4.00	Jul			84.18		0.384	3.84	6.0000			88.02
Center Pivot	ac-in			2.00	Aug			42.09		0.192	1.92	3.0000			44.01
harvest & haul - sor	cwt.			1.00	Oct							60.0000	0.60	36.00	36.00
TOTALS						15.17	12.86	207.98	46.04	2.198	21.98			142.66	446.70
INTEREST ON OPERATING CAPITAL															8.99
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															455.70

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