

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

B-1241 (C2)

Table 17.A Estimated costs and returns per Acre  
Grain Sorghum, Dryland  
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	9.00	18.0000	162.00	_____
				-----	
TOTAL INCOME				162.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.50	2.2500	3.37	_____
FERTILIZER					
fert. (N)	lb.	0.50	40.0000	20.00	_____
CUSTOM					
fert appl.	acre	4.50	1.0000	4.50	_____
herb+appl - sorghum	acre	10.50	1.0000	10.50	_____
insec+appl - sorghum	appl	13.00	0.3300	4.29	_____
cust harv-sorgh dry	acre	14.00	1.0000	14.00	_____
cust haul-sorgh dry	cwt.	0.40	18.0000	7.20	_____
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	_____
DIESEL FUEL					
Tractors	gal	3.00	3.1646	9.49	_____
GASOLINE					
Self-Propelled Eq.	gal	3.00	2.0100	6.03	_____
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	_____
INTEREST ON OP. CAP.	Acre	2.87	1.0000	2.87	_____
				-----	
TOTAL DIRECT EXPENSES				111.21	_____
RETURNS ABOVE DIRECT EXPENSES				50.78	_____
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	_____
				-----	
TOTAL FIXED EXPENSES				26.08	_____
				-----	
TOTAL SPECIFIED EXPENSES				137.30	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				24.69	_____
ALLOCATED COST ITEMS					
cash rent- sorghum	acre	25.00	1.0000	25.00	_____
RESIDUAL RETURNS				-0.30	_____

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Table 17.B Estimated resource use and costs for field operations, per Acre  
 Grain 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-----			
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
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.											2.2500	1.50	3.37	3.37
herb+appl - sorghum	acre			1.00	May							1.0000	10.50	10.50	10.50
fert. (N)	lb.			1.00	Jun							40.0000	0.50	20.00	20.00
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
cust harv-sorgh dry	acre			1.00	Oct							1.0000	14.00	14.00	14.00
cust haul-sorgh dry	cwt.											18.0000	0.40	7.20	7.20
TOTALS						17.54	12.86	13.90	13.21	1.302	13.02			63.86	134.42
INTEREST ON OPERATING CAPITAL															2.87
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															137.30

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