

*Projections for Planning Purposes Only
Not to be Used without Updating after December 15, 2010*

B-1241 (C1)

Table 15.A Estimated costs and returns per Acre
Cont. Sorghum, Sprinkler Irrigated, (NG)
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	8.25	75.0000	618.75	_____

TOTAL INCOME				618.75	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.70	5.0000	8.50	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.43	65.0000	27.95	_____
fert(P) - liquid	lb.	0.71	50.0000	35.50	_____
fert(N) - liquid	lb.	0.57	60.0000	34.20	_____
CUSTOM					
fert appl - ANH3	acre	11.00	1.0000	11.00	_____
herb&appl-sorghumi	acre	23.65	1.0000	23.65	_____
insec+appl - sorghum appl		14.50	0.3300	4.78	_____
harvest & haul - sor cwt.		0.88	75.0000	66.00	_____
CROP INSURANCE					
sorghum - irrigated	acre	26.25	1.0000	26.25	_____
OPERATOR LABOR					
Implements	hour	10.30	0.3225	3.32	_____
Tractors	hour	10.30	0.4215	4.34	_____
HAND LABOR					
Implements	hour	10.30	0.1527	1.57	_____
IRRIGATION LABOR					
Center Pivot	hour	10.30	0.8960	9.22	_____
DIESEL FUEL					
Tractors	gal	2.65	2.3443	6.21	_____
GASOLINE					
Self-Propelled Eq.	gal	2.73	2.0100	5.48	_____
NATURAL GAS					
Center Pivot	Mcf	4.75	14.0000	66.50	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.75	1.0000	5.75	_____
Tractors	Acre	4.75	1.0000	4.75	_____
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	7.28	1.0000	7.28	_____
TOTAL DIRECT EXPENSES				380.88	_____
RETURNS ABOVE DIRECT EXPENSES				237.86	_____
FIXED EXPENSES					
Implements	Acre	8.94	1.0000	8.94	_____
Tractors	Acre	6.98	1.0000	6.98	_____
Self-Propelled Eq.	Acre	0.25	1.0000	0.25	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
TOTAL FIXED EXPENSES				49.79	_____
TOTAL SPECIFIED EXPENSES				430.67	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				188.07	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				123.07	_____

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Table 15.B Estimated resource use and costs for field operations, per Acre
Cont. Sorghum, Sprinkler Irrigated, (NG)
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	3.81	2.87	1.52	2.23	0.303	3.12					13.57
sweep plow		150	0.065	1.00	Mar	2.08	1.16	0.85	1.25	0.143	1.48					6.84
sorghum - irrigated	acre											1.0000	26.25	26.25		26.25
fert(N) - ANH3	lb.			1.00	Mar							65.0000	0.43	27.95		27.95
fert appl - ANH3	acre											1.0000	11.00	11.00		11.00
sweep plow		150	0.065	1.00	Mar	2.08	1.16	0.85	1.25	0.143	1.48					6.84
Center Pivot	ac-in			1.00	May			13.56	33.60	0.128	1.31	2.0000				48.47
planter		75	0.152	1.00	May	2.98	1.77	2.51	4.21	0.305	3.14					14.63
seed - sorghum	lb.											5.0000	1.70	8.50		8.50
fert(P) - liquid	lb.											50.0000	0.71	35.50		35.50
herb&appl-sorghumi	acre			1.00	May							1.0000	23.65	23.65		23.65
Center Pivot	ac-in			2.00	Jun			20.34		0.192	1.97	3.0000				22.31
fert(N) - liquid	lb.											30.0000	0.57	17.10		17.10
Pickup Truck	3/4 ton		0.006	20.00	Jun			5.65	0.25							5.90
insec+appl - sorghum	appl			1.00	Jul							0.3300	14.50	4.78		4.78
Center Pivot	ac-in			4.00	Jul			40.68		0.384	3.95	6.0000				44.63
fert(N) - liquid	lb.											30.0000	0.57	17.10		17.10
Center Pivot	ac-in			2.00	Aug			20.34		0.192	1.97	3.0000				22.31
harvest & haul - sor	cwt.			1.00	Oct							75.0000	0.88	66.00		66.00
TOTALS						10.97	6.98	106.32	42.80	1.792	18.46			237.83		423.39
INTEREST ON OPERATING CAPITAL																7.28
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																430.67

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