

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

B-1241 (C1)

Table 14.A Estimated costs and returns per Acre  
Cont. Sorghum, Furrow Irrigated, (NG)  
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	8.25	65.0000	536.25	_____
				-----	
TOTAL INCOME				536.25	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.70	4.5000	7.65	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.43	100.0000	43.00	_____
fert(P) - dry	lb.	0.70	40.0000	28.00	_____
CUSTOM					
fert appl - ANH3	acre	11.00	1.0000	11.00	_____
fert application	acre	5.00	1.0000	5.00	_____
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	65.0000	57.20	_____
CROP INSURANCE					
sorghum - irrigated	acre	26.25	1.0000	26.25	_____
OPERATOR LABOR					
Implements	hour	10.30	0.5978	6.15	_____
Tractors	hour	10.30	0.8086	8.32	_____
HAND LABOR					
Implements	hour	10.30	0.3104	3.19	_____
IRRIGATION LABOR					
Furrow	hour	10.30	1.6860	17.36	_____
DIESEL FUEL					
Tractors	gal	2.65	4.5441	12.04	_____
GASOLINE					
Self-Propelled Eq.	gal	2.73	2.0100	5.48	_____
NATURAL GAS					
Furrow	Mcf	4.75	12.0000	57.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.24	1.0000	9.24	_____
Tractors	Acre	10.19	1.0000	10.19	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
Furrow	ac-in	1.80	12.0000	21.60	_____
INTEREST ON OP. CAP.	Acre	7.72	1.0000	7.72	_____
TOTAL DIRECT EXPENSES				365.05	_____
RETURNS ABOVE DIRECT EXPENSES				171.19	_____
FIXED EXPENSES					
Implements	Acre	13.71	1.0000	13.71	_____
Tractors	Acre	15.48	1.0000	15.48	_____
Self-Propelled Eq.	Acre	0.25	1.0000	0.25	_____
Furrow	Acre	24.62	1.0000	24.62	_____
TOTAL FIXED EXPENSES				54.06	_____
TOTAL SPECIFIED EXPENSES				419.12	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				117.12	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				52.12	_____

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Table 14.B Estimated resource use and costs for field operations, per Acre  
 Cont. Sorghum, Furrow 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
chisel		125	0.099	1.00	Feb	3.35	2.47	0.69	1.15	0.219	2.25					9.93
fert(N) - ANH3	lb.			1.00	Mar							100.0000	0.43	43.00		43.00
fert(P) - dry	lb.											40.0000	0.70	28.00		28.00
fert appl - ANH3	acre											1.0000	11.00	11.00		11.00
fert application	acre											1.0000	5.00	5.00		5.00
sorghum - irrigated	acre											1.0000	26.25	26.25		26.25
disc	tandem	100	0.138	1.00	Mar	3.81	2.87	1.52	2.23	0.303	3.12					13.57
sweep plow		150	0.065	1.00	Apr	2.08	1.16	0.85	1.25	0.143	1.48					6.84
bedder		150	0.057	1.00	Apr	1.82	1.02	0.44	0.64	0.125	1.29					5.22
planter		75	0.152	1.00	May	2.98	1.77	2.51	4.21	0.305	3.14					14.63
seed - sorghum	lb.											4.5000	1.70	7.65		7.65
herb&appl-sorghumi	acre											1.0000	23.65	23.65		23.65
sprayer	mounted	100	0.157	1.00	May	4.36	3.28	1.68	1.97	0.315	3.24					14.56
Pickup Truck	3/4 ton		0.006	20.00	May			5.65	0.25							5.90
Furrow	ac-in			1.00	Jun			26.20	24.62	0.562	5.78	4.0000				56.60
Furrow	ac-in			1.00	Jul			26.20		0.562	5.78	4.0000				31.98
insec+appl - sorghum	appl			1.00	Jul							0.3300	14.50	4.78		4.78
Furrow	ac-in			1.00	Aug			26.20		0.562	5.78	4.0000				31.98
harvest & haul - sor	cwt.			1.00	Oct							65.0000	0.88	57.20		57.20
TOTALS						22.24	15.48	93.50	38.58	3.402	35.04			206.53		411.39
INTEREST ON OPERATING CAPITAL																7.72
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																419.12

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