

*Projections for Planning Purposes Only
Not to be Used without Updating after March 15, 2012*

B-1241 (C10)

Table 15.A Estimated costs and returns per acre
Sorghum, Dryland
2012 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	10.00	30.0000	300.00	_____

TOTAL INCOME				300.00	_____
DIRECT EXPENSES					
SEED					
seed sorghum	bag	90.00	0.1700	15.30	_____
CROP INSURANCE					
crop ins. sorg d	acre	2.50	1.0000	2.50	_____
INSECTICIDE					
lanate	pint	8.15	0.5000	4.07	_____
insect dimethoate	pint	5.75	0.5000	2.87	_____
FERTILIZER					
phosphate	lb	0.65	30.0000	19.50	_____
nitrogen n32	lb	0.50	40.0000	20.00	_____
MISC ADMIN O/H					
mis admin o/h sorg	acre	4.00	0.3000	1.20	_____
HERBICIDES					
herbicide -atrazine	qt	2.00	4.0000	8.00	_____
CUSTOM					
custom application	acre	5.00	1.5000	7.50	_____
cust appl - milo	acre	3.00	1.0000	3.00	_____
cstm haul sorghum	cwt	0.30	30.0000	9.00	_____
cstm hvst sorg dry	acre	25.00	1.0000	25.00	_____
OPERATOR LABOR					
Tractors	hour	11.00	0.9562	10.51	_____
DIESEL FUEL					
Tractors	gal	3.30	5.9132	19.51	_____
GASOLINE					
Pick-up, 3/4 ton	gal	3.20	0.9100	2.91	_____
REPAIR & MAINTENANCE					
Implements	acre	4.18	1.0000	4.18	_____
Tractors	acre	9.40	1.0000	9.40	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
INTEREST ON OP. CAP.	acre	4.93	1.0000	4.93	_____

TOTAL DIRECT EXPENSES				170.42	_____
RETURNS ABOVE DIRECT EXPENSES				129.57	_____
FIXED EXPENSES					
Implements	acre	8.09	1.0000	8.09	_____
Tractors	acre	16.11	1.0000	16.11	_____
Pick-up, 3/4 ton	acre	3.60	1.0000	3.60	_____

TOTAL FIXED EXPENSES				27.81	_____

TOTAL SPECIFIED EXPENSES				198.23	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				101.76	_____
ALLOCATED COST ITEMS					
cash rent sorg dry	acre	20.00	1.0000	20.00	_____
RESIDUAL RETURNS				81.76	_____

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Table 15.B Estimated resource use and costs for field operations, per acre
Sorghum, Dryland
2012 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-----				
shredder		100	0.130	1.00	Aug	3.73	2.10	0.61	0.86	0.130	1.43					8.74
chisel		225	0.110	1.00	Aug	6.51	3.78	0.33	0.53	0.110	1.21					12.38
offset disc	12-foot	125	0.130	1.00	Sep	4.18	2.30	0.50	1.09	0.130	1.43					9.51
offset disc	12-foot	125	0.130	1.00	Dec	4.18	2.30	0.50	1.09	0.130	1.43					9.51
Pick-up, 3/4 ton	acre			1.00	Jan			3.91	3.60			1.0000				7.51
crop ins. sorg d	acre											1.0000	2.50	2.50		2.50
herbicide -atrazine	qt			1.00	Feb							4.0000	2.00	8.00		8.00
custom application	acre											1.0000	5.00	5.00		5.00
phospate	lb			1.00	Feb							30.0000	0.65	19.50		19.50
nitrogen n32	lb											40.0000	0.50	20.00		20.00
cust appl - milo	acre											1.0000	3.00	3.00		3.00
planter-max emerge m		150	0.100	1.00	Feb	3.66	1.95	0.96	1.76	0.250	2.75					11.10
seed sorghum	bag											0.1700	90.00	15.30		15.30
cultivator 8 row	8 row	125	0.103	1.00	Mar	3.31	1.82	0.63	1.37	0.103	1.13					8.28
custom application	acre			1.00	Apr							0.5000	5.00	2.50		2.50
lanate	pint											0.5000	8.15	4.07		4.07
insect dimethoate	pint											0.5000	5.75	2.87		2.87
cultivator 8 row	8 row	125	0.103	1.00	May	3.31	1.82	0.63	1.37	0.103	1.13					8.28
mis admin o/h sorg	acre			1.00	Jun							0.3000	4.00	1.20		1.20
cstm haul sorghum	cwt			1.00	Jul							30.0000	0.30	9.00		9.00
cstm hvst sorg dry	acre											1.0000	25.00	25.00		25.00
TOTALS						28.92	16.11	8.09	11.69	0.956	10.51			117.95		193.29
INTEREST ON OPERATING CAPITAL																4.93
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																198.23