

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

B-1241 (C8)

Table 8.A Estimated costs and returns per Acre
Grain Sorghum
2011 Projected Costs and Returns per acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt.	8.25	45.0000	371.25	_____

TOTAL INCOME				371.25	_____
DIRECT EXPENSES					
CROP INSURANCE					
Sorg Ins APH 65/100	Ac.	4.34	1.0000	4.34	_____
CUSTOM					
dry fert. rig	acre	3.00	1.0000	3.00	_____
Custom Combine Sorg	Acre	14.00	1.0000	14.00	_____
Custom Hauling CWT	CWT	0.25	45.0000	11.25	_____
FERTILIZER					
fert 18-46-0	lb.	0.65	100.0000	65.00	_____
fert 82-0-0	lb.	0.48	100.0000	48.00	_____
HERBICIDE					
herb, pre-emerg sorg	Quart	6.50	1.5000	9.75	_____
INSECTICIDE					
Sorghum Insect Soil	acre	8.00	2.5000	20.00	_____
Insecticide - Midge	acre	3.00	1.0000	3.00	_____
SEED					
Seed Sorghum treated	Lb.	1.40	6.0000	8.40	_____
OPERATOR LABOR					
Tractors	hour	10.00	0.4510	4.51	_____
Self-Propelled Eq.	hour	10.00	0.0360	0.36	_____
DIESEL FUEL					
Tractors	gal	2.65	4.0057	10.61	_____
Self-Propelled Eq.	gal	2.65	0.2751	0.72	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.46	1.0000	4.46	_____
Tractors	Acre	2.92	1.0000	2.92	_____
Self-Propelled Eq.	Acre	0.64	1.0000	0.64	_____
INTEREST ON OP. CAP.	Acre	5.68	1.0000	5.68	_____

TOTAL DIRECT EXPENSES				216.67	_____
RETURNS ABOVE DIRECT EXPENSES				154.57	_____
FIXED EXPENSES					
Implements	Acre	9.43	1.0000	9.43	_____
Tractors	Acre	6.70	1.0000	6.70	_____
Self-Propelled Eq.	Acre	0.97	1.0000	0.97	_____

TOTAL FIXED EXPENSES				17.11	_____

TOTAL SPECIFIED EXPENSES				233.79	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				137.45	_____
ALLOCATED COST ITEMS					
CASH RENT CROPLAND	acre	25.00	1.0000	25.00	_____
RESIDUAL RETURNS				112.45	_____

Table 8.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum
 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-----				
Shredder	20 foot	200 hp	0.147	1.00	Aug	4.85	2.40	0.30	0.93	0.161	1.61					10.11
Tandem Disk	30 ft.	200 hp	0.076	1.00	Oct	2.51	1.24	1.01	1.57	0.083	0.83					7.17
dry fert. rig	acre			1.00	Jan							1.0000	3.00	3.00		3.00
fert 18-46-0	lb.											100.0000	0.65	65.00		65.00
Field Cultivator	32 ft.	200 hp	0.047	1.00	Feb	1.55	0.76	0.54	1.05	0.051	0.51					4.44
fert 82-0-0	lb.											100.0000	0.48	48.00		48.00
Planter Pull	12 row	200 hp	0.140	1.00	Mar	4.62	2.28	2.60	5.87	0.154	1.54					16.92
Seed Sorghum treated Lb.												6.0000	1.40	8.40		8.40
Sorghum Insect Soil	acre											2.5000	8.00	20.00		20.00
herb, pre-emerg sorg	Quart											1.5000	6.50	9.75		9.75
High Boy Spryr	60' Boom		0.030	1.00	Jun			1.37	0.97	0.036	0.36					2.70
Insecticide - Midge	acre											1.0000	3.00	3.00		3.00
Custom Combine Sorg	Acre			1.00	Aug							1.0000	14.00	14.00		14.00
Custom Hauling CWT	CWT											45.0000	0.25	11.25		11.25
Sorg Ins APH 65/100	Ac.			1.00	Aug							1.0000	4.34	4.34		4.34
TOTALS						13.54	6.70	5.83	10.41	0.487	4.87			186.74		228.10
INTEREST ON OPERATING CAPITAL																5.68
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																233.79