

Table 8.A Estimated costs and returns per ACRE  
 Sorghum-Conventional Till-12 Row-Dryland  
 Lower Coastal Bend - 4000# Yield Goal, TCE District 11, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	cwt	5.55	40.0000	222.00	_____
				-----	
TOTAL INCOME				222.00	_____
DIRECT EXPENSES					
Custom					
Fert. Application	acre	4.00	1.0000	4.00	_____
Herbicides					
2,4D	lb	2.59	1.0000	2.59	_____
Glyphosate	qt	8.25	0.5000	4.13	_____
Atrazine	lb	2.28	1.0000	2.28	_____
Insecticides					
Headworm Control	oz	2.61	1.3000	3.39	_____
Seed					
sorghum seed/treated	lb	2.38	6.0000	14.28	_____
Fertilizer					
28-4-0	ton	201.00	0.1500	30.15	_____
Zinc	lb	2.25	1.0000	2.25	_____
Hauling and Handling					
custom haul-sorghum	cwt	0.24	42.0000	10.08	_____
drying-sorghum	cwt	0.05	42.0000	2.10	_____
Other					
crop insurance/sorg	acre	4.36	1.0000	4.36	_____
pickup charge	acre	2.80	1.0000	2.80	_____
OPERATOR LABOR					
Implements	hour	11.00	0.0150	0.16	_____
Tractors	hour	11.00	0.4732	5.22	_____
Self-Propelled	hour	11.00	0.1030	1.14	_____
DIESEL FUEL					
Tractors	gal	2.00	5.0328	10.06	_____
Self-Propelled	gal	2.00	1.3980	2.79	_____
REPAIR & MAINTENANCE					
Implements	ACRE	4.18	1.0000	4.18	_____
Tractors	ACRE	6.40	1.0000	6.40	_____
Self-Propelled	ACRE	6.87	1.0000	6.87	_____
INTEREST ON OP. CAP.	ACRE	4.90	1.0000	4.90	_____
				-----	
TOTAL DIRECT EXPENSES				124.13	_____
RETURNS ABOVE DIRECT EXPENSES				97.87	_____
FIXED EXPENSES					
Implements	ACRE	7.87	1.0000	7.87	_____
Tractors	ACRE	11.94	1.0000	11.94	_____
Self-Propelled	ACRE	12.58	1.0000	12.58	_____
				-----	
TOTAL FIXED EXPENSES				32.39	_____
				-----	
TOTAL SPECIFIED EXPENSES				156.52	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				65.48	_____
RESIDUAL ITEMS					
Management Charge	%	222.00	0.0500	11.10	_____
				-----	
RESIDUAL RETURNS				54.38	_____
Land Charge	acre	55.00	1.0000	55.00	_____
				-----	
RESIDUAL RETURNS				-0.62	_____

Note: Cost estimates are based on producer and specialist input.

Projections for Planning Purposes Only  
 Not to be Used without Updating after December 1, 2006

B-1241 (C11)

Table 8.B Estimated resource use and costs for field operations, per ACRE  
 Sorghum-Conventional Till-12 Row-Dryland  
 Lower Coastal Bend - 4000# Yield Goal, TCE District 11, 2007

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
V Ripper	22'	Track 300	0.083	1.00	Aug	3.99	3.10	0.51	0.95	0.08	0.92				9.47
Sprayer(600-825 Gal)	90'		0.009	1.00	Sep	0.51	0.57			0.00	0.10				1.18
2,4D	lb											1.0000	2.59	2.59	2.59
Glyphosate	qt											0.5000	8.25	4.13	4.13
Fert. Application	acre			1.00	Nov							1.0000	4.00	4.00	4.00
28-4-0	ton											0.1500	201.00	30.15	30.15
Zinc	lb											1.0000	2.25	2.25	2.25
Atrazine	lb											1.0000	2.28	2.28	2.28
Field Cultivator	60'	Track 300	0.025	1.00	Nov	1.19	0.93	0.37	0.69	0.02	0.28				3.46
Field Cultivator	60'	Track 300	0.025	1.00	Jan	1.19	0.93	0.37	0.69	0.02	0.28				3.46
Planter	12R-30''	MFWD 170	0.060	1.00	Mar	1.78	1.23	1.44	2.49	0.07	0.82				7.76
sorghum seed/treated	lb											6.0000	2.38	14.28	14.28
Cultivator	12R	MFWD 170	0.060	1.00	Apr	1.78	1.23	0.26	0.53	0.06	0.66				4.46
Cultivator	12R	MFWD 170	0.060	1.00	May	1.78	1.23	0.26	0.53	0.06	0.66				4.46
Sprayer(600-825 Gal)	90'		0.009	1.00	Jun	0.51	0.57			0.00	0.10				1.18
Headworm Control	oz											1.3000	2.61	3.39	3.39
Combine	30'		0.085	1.00	Jul	8.64	11.44			0.08	0.94				21.02
custom haul-sorghum	cwt											42.0000	0.24	10.08	10.08
drying-sorghum	cwt											42.0000	0.05	2.10	2.10
Grain Cart		MFWD 170	0.090	1.00	Jul	2.70	1.87	0.14	0.59	0.09	1.00				6.30
Stalk Shredder	24'	MFWD 170	0.069	1.00	Jul	2.05	1.42	0.83	1.40	0.06	0.76				6.46
crop insurance/sorg	acre			1.00	Jul							1.0000	4.36	4.36	4.36
pickup charge	acre			1.00	Jul							1.0000	2.80	2.80	2.80
TOTALS						26.12	24.52	4.18	7.87	0.59	6.52			82.41	151.62
INTEREST ON OPERATING CAPITAL															4.90
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															156.52

Note: Cost estimates are based on producer and specialist input.