

Table 5.E Summary of estimated costs and returns per ACRE  
 Sorghum-Conventional Till-12 Row-Dryland  
 4000# Yield Goal, TCE District 11, 2004

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	cwt	4.00	40.0000	160.00	_____
				-----	
TOTAL INCOME				160.00	_____
DIRECT EXPENSES					
Custom	ACRE	4.00	1.0000	4.00	_____
Herbicides	ACRE	17.46	1.0000	17.46	_____
Insecticides	ACRE	3.46	1.0000	3.46	_____
Seed	ACRE	15.90	1.0000	15.90	_____
Fertilizer	ACRE	27.00	1.0000	27.00	_____
Hauling and Handling	ACRE	8.88	1.0000	8.88	_____
Other	ACRE	7.74	1.0000	7.74	_____
OPERATOR LABOR	hour	8.65	0.6469	5.62	_____
DIESEL FUEL	gal	0.90	6.9034	6.21	_____
REPAIR & MAINTENANCE	ACRE	17.95	1.0000	17.95	_____
INTEREST ON OP. CAP.	ACRE	3.26	1.0000	3.26	_____
				-----	
TOTAL DIRECT EXPENSES				117.48	_____
RETURNS ABOVE DIRECT EXPENSES				42.52	_____
TOTAL FIXED EXPENSES				27.36	_____
				-----	
TOTAL SPECIFIED EXPENSES				144.84	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				15.16	_____
RESIDUAL ITEMS					
Management Charge	%	160.00	0.0500	8.00	_____
Land Charge	acre	55.00	1.0000	55.00	_____
RESIDUAL RETURNS				-47.84	_____

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

Table 5.A Estimated resource use and costs for field operations, per ACRE  
 Sorghum-Conventional Till-12 Row-Dryland  
 4000# Yield Goal, TCE District 11, 2004

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder	24'	MFWD 170	0.069	1.00	Aug	1.38	1.23	0.83	1.21	0.06	0.60				5.25
Stalk Puller	8 Row	MFWD 170	0.050	1.00	Aug	1.00	0.89	0.21	0.32	0.05	0.43				2.85
V Ripper	22'	Track 300	0.080	1.00	Aug	2.29	1.72	0.19	0.30	0.08	0.69				5.19
Sprayer (600-825 Gal)		90'	0.009	1.00	Sep	0.42	0.50			0.00	0.08				1.00
Atrazine	lb											1.0000	2.50	2.50	2.50
Glyphosate	qt											0.5000	10.00	5.00	5.00
Fert. Application	acre			1.00	Nov							1.0000	4.00	4.00	4.00
28-4-0	ton											0.1500	165.00	24.75	24.75
Zinc	lb											1.0000	2.25	2.25	2.25
2,4D	lb											0.5000	3.12	1.56	1.56
Field Cultivator	60'	Track 300	0.025	1.00	Nov	0.72	0.54	0.37	0.58	0.02	0.22				2.43
Field Cultivator	60'	Track 300	0.025	1.00	Jan	0.72	0.54	0.37	0.58	0.02	0.22				2.43
Planter	12R-30''	MFWD 170	0.060	1.00	Mar	1.20	1.07	1.44	2.17	0.07	0.65				6.53
sorghum seed/treated	lb											6.0000	2.65	15.90	15.90
Sprayer (600-825 Gal)		90'	0.009	1.00	Apr	0.42	0.50			0.00	0.08				1.00
sorg/post emrge herb	oz											8.0000	1.05	8.40	8.40
Cultivator	12R	MFWD 170	0.060	1.00	Apr	1.20	1.07	0.26	0.44	0.06	0.52				3.49
Cultivator	12R	MFWD 170	0.060	1.00	May	1.20	1.07	0.26	0.44	0.06	0.52				3.49
Sprayer (600-825 Gal)		90'	0.009	1.00	Jun	0.42	0.50			0.00	0.08				1.00
Headworm Control	oz											1.3000	2.66	3.46	3.46
Combine		30'	0.085	1.00	Jul	7.29	9.64			0.08	0.74				17.67
custom haul-sorghum	cwt											44.4000	0.15	6.66	6.66
drying-sorghum	cwt											44.4000	0.05	2.22	2.22
Grain Cart		MFWD 170	0.090	1.00	Jul	1.83	1.62	0.14	0.43	0.09	0.79				4.81
crop insurance/sorg	acre			1.00	Jul							1.0000	5.64	5.64	5.64
pickup charge	acre			1.00	Jul							1.0000	2.10	2.10	2.10
TOTALS						20.09	20.89	4.07	6.47	0.64	5.62			84.44	141.58
INTEREST ON OPERATING CAPITAL															3.26
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															144.84

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