

Table 2.E Summary of estimated costs and returns per ACRE
 Sorghum-Conventional Till-12 Row-Irrigated
 6500# Yield Goal, TCE District 11, 2004

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	cwt	4.00	65.0000	260.00	_____

TOTAL INCOME				260.00	_____
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	45.75	1.0000	45.75	_____
Hauling and Handling	ACRE	13.32	1.0000	13.32	_____
Other	ACRE	7.74	1.0000	7.74	_____
OPERATOR LABOR	hour	8.65	0.8083	7.02	_____
DIESEL FUEL	gal	0.90	21.0277	18.93	_____
REPAIR & MAINTENANCE	ACRE	32.61	1.0000	32.61	_____
INTEREST ON OP. CAP.	ACRE	4.82	1.0000	4.82	_____

TOTAL DIRECT EXPENSES				171.01	_____
RETURNS ABOVE DIRECT EXPENSES				88.99	_____
TOTAL FIXED EXPENSES				109.56	_____

TOTAL SPECIFIED EXPENSES				280.57	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-20.57	_____
RESIDUAL ITEMS					
Management Charge	%	260.00	0.0500	13.00	_____
Land Charge	acre	55.00	1.0000	55.00	_____
RESIDUAL RETURNS				-88.57	_____

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

Table 2.A Estimated resource use and costs for field operations, per ACRE
 Sorghum-Conventional Till-12 Row-Irrigated
 6500# Yield Goal, TCE District 11, 2004

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-----			
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											0.2500	165.00	41.25	41.25
Zinc	lb											2.0000	2.25	4.50	4.50
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 emрге 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											66.6000	0.15	9.99	9.99
drying-sorghum	cwt											66.6000	0.05	3.33	3.33
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
Motor+Gen,1/4 CP	each			1.00	Mar				9.50			0.0076			9.50
Application 1	ac-in			1.00	May			3.41		0.03	0.33	1.2500			3.74
Application 2	ac-in			1.00	May			3.41		0.03	0.33	1.2500			3.74
Application 3	ac-in			1.00	Jun			3.55		0.03	0.34	1.3000			3.89
Application 4	ac-in			1.00	Jun			4.09		0.04	0.40	1.5000			4.49
Pump+Gear Head	each			1.00	Mar			3.69	14.26			0.0076			17.95
Sprinkler - 1/4 mile	each			1.00	Mar			9.23	35.64			0.0076			44.87
Well	each			1.00	Mar				22.80			0.0076			22.80
TOTALS						20.09	20.89	31.45	88.67	0.80	7.02			107.63	275.75
INTEREST ON OPERATING CAPITAL															4.82
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															280.57

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