

Table 2.D Estimated costs and returns per ACRE
 Sorghum-Conventional Till-12 Row-Irrigated
 6500# Yield Goal, TCE District 11, 2005

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					
Fert. Application	acre	3.50	1.0000	3.50	_____
Herbicides					
Atrazine	lb	2.50	1.0000	2.50	_____
Glyphosate	qt	10.88	0.5000	5.44	_____
2,4D	lb	3.12	0.5000	1.56	_____
grain/planting herb	oz	1.03	8.0000	8.24	_____
Insecticides					
Headworm Control	oz	2.19	1.3000	2.85	_____
Seed					
sorghum seed/treated	lb	2.65	6.0000	15.90	_____
Fertilizer					
28-4-0	ton	165.00	0.2500	41.25	_____
Zinc	lb	2.25	2.0000	4.50	_____
Hauling and Handling					
custom haul-sorghum	cwt	0.28	66.6000	18.65	_____
drying-sorghum	cwt	0.05	66.6000	3.33	_____
Other					
crop insurance/sorg	acre	5.64	1.0000	5.64	_____
pickup charge	acre	2.10	1.0000	2.10	_____
OPERATOR LABOR					
Implements	hour	8.65	0.0150	0.13	_____
Tractors	hour	8.65	0.5199	4.51	_____
Self-Propelled	hour	8.65	0.1120	0.98	_____
Motor+Gen,1/4 CP	hour	8.65	0.1614	1.40	_____
DIESEL FUEL					
Tractors	gal	1.35	5.4189	7.32	_____
Self-Propelled	gal	1.35	1.4845	2.01	_____
Motor+Gen,1/4 CP	gal	1.35	14.1242	19.08	_____
REPAIR & MAINTENANCE					
Implements	ACRE	4.07	1.0000	4.07	_____
Tractors	ACRE	6.67	1.0000	6.67	_____
Self-Propelled	ACRE	7.21	1.0000	7.21	_____
Motor+Gen,1/4 CP	ac-in	0.32	5.3000	1.74	_____
Pump+Gear Head	each	480.00	0.0076	3.69	_____
Sprinkler - 1/4 mile	each	1200.00	0.0076	9.23	_____
INTEREST ON OP. CAP.	ACRE	6.50	1.0000	6.50	_____
TOTAL DIRECT EXPENSES				190.00	_____
RETURNS ABOVE DIRECT EXPENSES				70.00	_____
FIXED EXPENSES					
Implements	ACRE	6.90	1.0000	6.90	_____
Tractors	ACRE	10.31	1.0000	10.31	_____
Self-Propelled	ACRE	11.91	1.0000	11.91	_____
Motor+Gen,1/4 CP	each	1338.41	0.0076	10.30	_____
Pump+Gear Head	each	2007.62	0.0076	15.44	_____
Sprinkler - 1/4 mile	each	5019.05	0.0076	38.61	_____
Well	each	3271.98	0.0076	25.17	_____
TOTAL FIXED EXPENSES				118.64	_____
TOTAL SPECIFIED EXPENSES				308.64	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-48.64	_____
RESIDUAL ITEMS					
Management Charge	%	260.00	0.0500	13.00	_____
RESIDUAL RETURNS				-61.64	_____
Land Charge	acre	55.00	1.0000	55.00	_____
RESIDUAL RETURNS				-116.64	_____

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

Projections for Planning Purposes Only
 Not to be Used without Updating after October 15, 2004

B-1241 (C11)

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, 2005

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	1.66	1.30	0.83	1.28	0.06	0.60				5.67
Stalk Puller	8 Row	MFWD 170	0.050	1.00	Aug	1.20	0.94	0.21	0.34	0.05	0.43				3.12
V Ripper	22'	Track 300	0.080	1.00	Aug	2.85	1.83	0.19	0.32	0.08	0.69				5.88
Sprayer(600-825 Gal)	90'		0.009	1.00	Sep	0.46	0.53			0.00	0.08				1.07
Atrazine	lb											1.0000	2.50	2.50	2.50
Glyphosate	qt											0.5000	10.88	5.44	5.44
Fert. Application	acre			1.00	Nov							1.0000	3.50	3.50	3.50
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	0.89	0.57	0.37	0.62	0.02	0.22				2.67
Field Cultivator	60'	Track 300	0.025	1.00	Jan	0.89	0.57	0.37	0.62	0.02	0.22				2.67
Planter	12R-30''	MFWD 170	0.060	1.00	Mar	1.44	1.13	1.44	2.29	0.07	0.65				6.95
sorghum seed/treated lb												6.0000	2.65	15.90	15.90
Sprayer(600-825 Gal)	90'		0.009	1.00	Apr	0.46	0.53			0.00	0.08				1.07
grain/planting herb	oz											8.0000	1.03	8.24	8.24
Cultivator	12R	MFWD 170	0.060	1.00	Apr	1.44	1.13	0.26	0.47	0.06	0.52				3.82
Cultivator	12R	MFWD 170	0.060	1.00	May	1.44	1.13	0.26	0.47	0.06	0.52				3.82
Sprayer(600-825 Gal)	90'		0.009	1.00	Jun	0.46	0.53			0.00	0.08				1.07
Headworm Control	oz											1.3000	2.19	2.85	2.85
Combine	30'		0.085	1.00	Jul	7.84	10.32			0.08	0.74				18.90
custom haul-sorghum	cwt											66.6000	0.28	18.65	18.65
drying-sorghum	cwt											66.6000	0.05	3.33	3.33
Grain Cart		MFWD 170	0.090	1.00	Jul	2.18	1.71	0.14	0.49	0.09	0.79				5.31
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							0.0076			10.30
Application 1	ac-in			1.00	May			4.91		0.03	0.33	1.2500			5.24
Application 2	ac-in			1.00	May			4.91		0.03	0.33	1.2500			5.24
Application 3	ac-in			1.00	Jun			5.11		0.03	0.34	1.3000			5.45
Application 4	ac-in			1.00	Jun			5.89		0.04	0.40	1.5000			6.29
Pump+Gear Head	each			1.00	Mar			3.69	15.44			0.0076			19.13
Sprinkler - 1/4 mile	each			1.00	Mar			9.23	38.61			0.0076			47.84
Well	each			1.00	Mar				25.17			0.0076			25.17
TOTALS						23.21	22.22	37.81	96.42	0.80	7.02			115.46	302.14
INTEREST ON OPERATING CAPITAL															6.50
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															308.64

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