

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2012*

B-1241 (C11)

Table 2.D Estimated costs and returns per Acre  
Grain Sorghum-12 Row Conventional Till-Dryland  
Upper Coastal Bend, 5600# Yield Goal, District 11, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	cwt	8.25	56.0000	462.00	_____
				-----	
TOTAL INCOME				462.00	_____
DIRECT EXPENSES					
CUSTOM					
App by Air	appl	6.00	1.0000	6.00	_____
Custom Haul Grain	cwt	0.30	57.0000	17.10	_____
FERTILIZER					
24-8-0	ton	377.00	0.2250	84.83	_____
HERBICIDE					
Glyphosate (gal)	gal	13.00	0.2187	2.84	_____
2,4-D Amine	pt	1.50	2.0000	3.00	_____
Crop Oil	pt	1.21	0.5000	0.61	_____
Atrazine 4L	pt	1.96	2.0000	3.92	_____
Grain-Pre-em herb	qt	8.88	1.0000	8.88	_____
GS-Post Em-Herb	oz	13.11	0.5000	6.56	_____
Surfactant	pt	1.21	0.0150	0.02	_____
INSECTICIDE					
Cutworm Control	oz	0.65	1.2500	0.81	_____
Worm Control	gal	190.75	0.0285	5.44	_____
SEED/PLANTS					
Grain Sorg-Treated	lb	3.20	7.0000	22.40	_____
OTHER					
Crop Ins- GS	acre	5.70	1.0000	5.70	_____
OPERATOR LABOR					
Tractors	hour	13.75	0.4590	6.32	_____
Self-Propelled	hour	13.75	0.0955	1.32	_____
HAND LABOR					
Implements	hour	7.50	0.1666	1.26	_____
Self-Propelled	hour	7.50	0.0400	0.30	_____
DIESEL FUEL					
Tractors	gal	3.15	4.6947	14.80	_____
Self-Propelled	gal	3.15	1.1200	3.53	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.41	1.0000	2.41	_____
Tractors	Acre	2.57	1.0000	2.57	_____
Self-Propelled	Acre	5.70	1.0000	5.70	_____
INTEREST ON OP. CAP.	Acre	5.13	1.0000	5.13	_____
				-----	
TOTAL DIRECT EXPENSES				211.46	_____
RETURNS ABOVE DIRECT EXPENSES				250.54	_____
FIXED EXPENSES					
Implements	Acre	8.42	1.0000	8.42	_____
Tractors	Acre	11.57	1.0000	11.57	_____
Self-Propelled	Acre	10.35	1.0000	10.35	_____
				-----	
TOTAL FIXED EXPENSES				30.34	_____
				-----	
TOTAL SPECIFIED EXPENSES				241.80	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				220.20	_____
RESIDUAL ITEMS					
Management Charge	%	462.00	0.0500	23.10	_____
RESIDUAL RETURNS					
Land Charge	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				157.10	_____
G&A Overhead	acre	10.50	1.0000	10.50	_____
RESIDUAL RETURNS				146.60	_____

Not to be used w/o update after 12/15/2011.

*Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.  
Developed by Texas AgriLife Extension Service.*

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Table 2.A Estimated resource use and costs for field operations, per Acre  
Grain Sorghum-12 Row Conventional Till-Dryland  
Upper Coastal Bend, 5600# Yield Goal, District 11, 2012.

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-----			
Sprayer - 76'	76 ft boom		0.020	1.00	Aug	0.26	0.93			0.04	0.43				1.62
Glyphosate (gal)	gal											0.1875	13.00	2.44	2.44
2,4-D Amine	pt											1.0000	1.50	1.50	1.50
Bedder/Hipper 12 R	12R - 38"	225	0.040	1.00	Oct	1.64	1.26	0.29	1.02	0.04	0.55				4.76
Bedder/Hipper 12 R	12R - 38"	225	0.040	1.00	Nov	1.64	1.26	0.29	1.02	0.04	0.55				4.76
Fertilizer Tool Bar	12R - 38"	225	0.066	1.00	Nov	2.74	2.11	0.26	0.92	0.13	1.42				7.45
24-8-0	ton											0.2250	377.00	84.83	84.83
Sprayer - 76'	76 ft boom		0.020	1.00	Jan	0.26	0.93			0.04	0.43				1.62
Crop Oil	pt											0.5000	1.21	0.61	0.61
2,4-D Amine	pt											1.0000	1.50	1.50	1.50
Atrazine 4L	pt											2.0000	1.96	3.92	3.92
Planter 12R-38		225	0.050	1.00	Feb	2.05	1.58	0.32	1.87	0.10	1.07				6.89
Grain Sorg-Treated	lb											7.0000	3.20	22.40	22.40
Grain-Pre-em herb	qt											1.0000	8.88	8.88	8.88
Glyphosate (gal)	gal											0.0312	13.00	0.41	0.41
Cutworm Control	oz											1.2500	0.65	0.81	0.81
Cult & Spray	12R-38"	225	0.050	1.00	Mar	2.05	1.58	0.45	1.11	0.10	1.07				6.26
GS-Post Em-Herb	oz											0.5000	13.11	6.56	6.56
Surfactant	pt											0.0150	1.21	0.02	0.02
Cultivate	12R-38"	225	0.050	1.00	Apr	2.05	1.58	0.45	1.11	0.05	0.69				5.88
App by Air	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Worm Control	gal											0.0285	190.75	5.44	5.44
Custom Haul Grain	cwt			1.00	Jul							57.0000	0.30	17.10	17.10
Combine	30'		0.055	1.00	Jul	8.71	8.49			0.05	0.76				17.96
Grain Cart		2WD 150	0.090	1.00	Jul	2.91	1.23	0.24	0.83	0.09	1.25				6.46
Disk & Chop	19'	2WD 150	0.071	1.00	Jul	2.29	0.97	0.11	0.54	0.07	0.98				4.89
Crop Ins- GS	acre			1.00	Oct							1.0000	5.70	5.70	5.70
TOTALS						26.60	21.92	2.41	8.42	0.76	9.20			168.12	236.67
INTEREST ON OPERATING CAPITAL															5.13
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															241.80

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