

Table 4.A Estimated costs and returns per Acre  
 Cotton-GMO Seed-12 Row Conventional Till-Dryland  
 Upper Coastal Bend, 750# Yield Goal, TCE District 11, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton	lb	0.55	750.0000	412.50	_____
Cottonseed	ton	90.00	0.6000	54.00	_____
				-----	
TOTAL INCOME				466.50	_____
DIRECT EXPENSES					
CUSTOM					
Cotton Scout	acre	7.00	1.0000	7.00	_____
Picking and moduling	cwt	3.20	18.7500	60.00	_____
Ginning	lb	0.11	750.0000	82.50	_____
HARVEST AID					
Thidazuron	lb	38.00	0.1000	3.80	_____
Silicone Surfactant	gal	88.00	0.0250	2.20	_____
FERTILIZER					
24-8-2	ton	232.00	0.2080	48.26	_____
HERBICIDE					
Surfactant	pt	1.38	0.2000	0.28	_____
Glyphosate (gal)	gal	13.00	0.5625	7.31	_____
Ctn-PreEmHerb-Grass	pt	12.40	0.6250	7.75	_____
Ctn-PreEmHerb-BrodLf	pt	3.50	1.0000	3.50	_____
CtnPostEmHerb	oz	1.48	4.0000	5.92	_____
Crop Oil	pt	1.24	1.0000	1.24	_____
2,4-D Amine	pt	1.41	2.0000	2.82	_____
INSECTICIDE					
Cutworm Control	oz	1.05	1.0000	1.05	_____
Fleahopper Control	oz	0.71	1.6000	1.14	_____
Worm Control	gal	200.00	0.0281	5.63	_____
Cotton-Stinkbug cntl	oz	0.70	8.0000	5.60	_____
UGC BWE	acre	20.20	1.0000	20.20	_____
SEED/PLANTS					
Cotton-BGRR/Treated	Thous	1.14	54.0000	61.56	_____
OTHER					
Crop Ins. - Cotton	acre	13.00	1.0000	13.00	_____
GROWTH REGULATOR					
Mepiquat Chloride	oz	0.22	12.0000	2.64	_____
OPERATOR LABOR					
Tractors	hour	11.00	0.3700	4.07	_____
Self-Propelled	hour	11.00	0.1600	1.76	_____
HAND LABOR					
Implements	hour	7.50	0.1166	0.88	_____
DIESEL FUEL					
Tractors	gal	2.20	3.8135	8.40	_____
Self-Propelled	gal	2.20	0.4800	1.04	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.66	1.0000	2.66	_____
Tractors	Acre	1.88	1.0000	1.88	_____
Self-Propelled	Acre	0.56	1.0000	0.56	_____
INTEREST ON OP. CAP.	Acre	16.55	1.0000	16.55	_____
				-----	
TOTAL DIRECT EXPENSES				381.21	_____
RETURNS ABOVE DIRECT EXPENSES				85.29	_____
FIXED EXPENSES					
Implements	Acre	8.44	1.0000	8.44	_____
Tractors	Acre	9.56	1.0000	9.56	_____
Self-Propelled	Acre	8.40	1.0000	8.40	_____
				-----	
TOTAL FIXED EXPENSES				26.40	_____
				-----	
TOTAL SPECIFIED EXPENSES				407.61	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				58.89	_____
RESIDUAL ITEMS					
Management Charge	%	466.50	0.0500	23.32	_____
RESIDUAL RETURNS				35.56	_____
Land Charge	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				-4.43	_____
G&A Overhead	acre	6.50	1.0000	6.50	_____
RESIDUAL RETURNS				-10.93	_____

Projection for planning only. Not to be used w/o update after 10/20/05.

Table 4.B Estimated resource use and costs for field operations, per Acre  
 Cotton-GMO Seed-12 Row Conventional Till-Dryland  
 Upper Coastal Bend, 750# Yield Goal, TCE District 11, 2006

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-----			
Bedder/Hipper 12 R	12R - 38"	225	0.040	1.00	Oct	1.17	1.23	0.18	0.76	0.04	0.44				3.78
Bedder/Hipper 12 R	12R - 38"	225	0.040	1.00	Nov	1.17	1.23	0.18	0.76	0.04	0.44				3.78
Fertilizer Tool Bar	12R - 38"	225	0.066	1.00	Nov	1.95	2.05	0.26	1.09	0.13	1.23				6.58
24-8-2	ton											0.2080	232.00	48.26	48.26
Cotton Scout	acre			1.00	Mar							1.0000	7.00	7.00	7.00
Sprayer - 76'	76 ft boom		0.020	1.00	Mar	0.20	1.05			0.02	0.22				1.47
Surfactant	pt											0.1000	1.38	0.14	0.14
Glyphosate (gal)	gal											0.1875	13.00	2.44	2.44
Planter 12R-38		225	0.050	1.00	Mar	1.47	1.54	0.32	2.16	0.10	0.93				6.42
Cotton-BGRR/Treated	Thous											54.0000	1.14	61.56	61.56
Ctn-PreEmHerb-Grass	pt											0.6250	12.40	7.75	7.75
Ctn-PreEmHerb-BrodLf	pt											1.0000	3.50	3.50	3.50
Cutworm Control	oz											1.0000	1.05	1.05	1.05
Sprayer - 76'	76 ft boom		0.020	1.00	Apr	0.20	1.05			0.02	0.22				1.47
Glyphosate (gal)	gal											0.1875	13.00	2.44	2.44
Surfactant	pt											0.1000	1.38	0.14	0.14
Sprayer - 76'	76 ft boom		0.020	1.00	May	0.20	1.05			0.02	0.22				1.47
Fleahopper Control	oz											1.6000	0.71	1.14	1.14
Mepiquat Chloride	oz											6.0000	0.22	1.32	1.32
Cult & Spray	12R-38"	225	0.050	1.00	May	1.47	1.54	0.45	1.26	0.05	0.55				5.27
CtnPostEmHerb	oz											4.0000	1.48	5.92	5.92
Crop Oil	pt											1.0000	1.24	1.24	1.24
Sprayer - 76'	76 ft boom		0.020	1.00	May	0.20	1.05			0.02	0.22				1.47
Worm Control	gal											0.0281	200.00	5.63	5.63
Mepiquat Chloride	oz											6.0000	0.22	1.32	1.32
Sprayer - 76'	76 ft boom		0.020	1.00	May	0.20	1.05			0.02	0.22				1.47
Cotton-Stinkbug cntl	oz											8.0000	0.70	5.60	5.60
Sprayer - 76'	76 ft boom		0.020		Jun									0.22	
Mepiquat Chloride	oz														
Sprayer - 76'	76 ft boom		0.020	1.00	Aug	0.20	1.05			0.02	0.22				1.47
Thidazuron	lb											0.0500	38.00	1.90	1.90
Glyphosate (gal)	gal											0.1875	13.00	2.44	2.44
Silicone Surfactant	gal											0.0125	88.00	1.10	1.10
UGC BWE	acre			1.00	Aug							1.0000	20.20	20.20	20.20
Sprayer - 76'	76 ft boom		0.020	1.00	Aug	0.20	1.05			0.02	0.22				1.47
Thidazuron	lb											0.0500	38.00	1.90	1.90
Silicone Surfactant	gal											0.0125	88.00	1.10	1.10
Picking and moduling	cwt			1.00	Aug							18.7500	3.20	60.00	60.00
Ginning	lb			1.00	Aug							750.0000	0.11	82.50	82.50
Shredder	20'	2WD 150	0.083	1.00	Sep	2.06	1.33	1.00	1.45	0.08	0.92				6.76
2,4-D Amine	pt											1.0000	1.41	1.41	1.41
Stalk Puller	6 Row	2WD 150	0.040	1.00	Sep	0.99	0.64	0.27	0.96	0.04	0.44				3.30
Sprayer - 76'	76 ft boom		0.020	1.00	Sep	0.20	1.05			0.02	0.22				1.47
2,4-D Amine	pt											1.0000	1.41	1.41	1.41
Crop Ins. - Cotton	acre			1.00	Oct							1.0000	13.00	13.00	13.00
TOTALS						11.88	17.96	2.66	8.44	0.64	6.71			343.41	391.06
INTEREST ON OPERATING CAPITAL															16.55
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															407.61

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