

Table 3.A Estimated costs and returns per acre
 Cotton; Conventional Tillage, Furrow Irr.
 Projected for 2005, Rio Grande Valley, For Planning Purposes

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.53	825.0000	437.25	_____
Cotton Seed	ton	95.00	0.6800	64.60	_____

TOTAL INCOME				501.85	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	2.60	3.0000	7.80	_____
HARVEST AID					
Dropp 50 WP	lb	54.87	0.2000	10.97	_____
PROCESSING					
Gin	lb	0.08	825.0000	66.00	_____
FERTILIZER					
UAN (32% N)	cwt	9.33	2.5000	23.32	_____
HERBICIDE					
Treflan EC	pt	3.13	2.0000	6.26	_____
Surfactant	pt	0.88	1.0000	0.88	_____
2,4-D Amine	pt	1.40	1.0000	1.40	_____
INSECTICIDE/MITICIDE					
Vydate C-LV	oz	0.47	16.0000	7.52	_____
Guthion 2L	pt	3.84	3.0000	11.52	_____
Tracer	oz	5.66	2.0000	11.32	_____
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	16.23	0.4000	6.49	_____
SEED/PLANTS					
Cotton Seed	lb	0.90	15.0000	13.50	_____
GROWTH REGULATOR					
Pix	oz	0.76	12.0000	9.12	_____
SERVICE FEE					
Insect Scouting	acre	6.00	1.0000	6.00	_____
CUSTOM HARVEST/HAUL					
Haul Cotton	lb	0.02	825.0000	16.50	_____
INSURANCE					
MPCI: Irr. Cotton	acre	12.00	1.0000	12.00	_____
OPERATOR LABOR					
Tractors	hour	6.50	1.1240	7.30	_____
Self-Propelled Eq.	hour	6.50	0.5160	3.35	_____
HAND LABOR					
Implements	hour	7.50	0.3310	2.48	_____
IRRIGATION LABOR					
Labor (Flood)	hour	6.50	1.0000	6.50	_____
Labor (Irr. Setup)	hour	6.50	0.1000	0.65	_____
UNALLOCATED LABOR	hour	6.50	1.3120	8.52	_____
DIESEL FUEL					
Tractors	gal	1.73	8.5300	14.75	_____
Self-Propelled Eq.	gal	1.73	1.9920	3.44	_____
REPAIR & MAINTENANCE					
Implements	acre	8.26	1.0000	8.26	_____
Tractors	acre	6.94	1.0000	6.94	_____
Self-Propelled Eq.	acre	16.59	1.0000	16.59	_____
INTEREST ON OP. CAP.	acre	7.83	1.0000	7.83	_____

TOTAL DIRECT EXPENSES				297.27	_____
RETURNS ABOVE DIRECT EXPENSES				204.57	_____
FIXED EXPENSES					
Implements	acre	21.14	1.0000	21.14	_____
Tractors	acre	20.38	1.0000	20.38	_____
Self-Propelled Eq.	acre	32.02	1.0000	32.02	_____

TOTAL FIXED EXPENSES				73.55	_____

TOTAL SPECIFIED EXPENSES				370.83	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				131.01	_____
ALLOCATED COST ITEMS					
Share Rent% of Gross	%	501.85	25.0000	125.46	_____
RESIDUAL RETURNS				5.55	_____

Brand names are mentioned only as examples and imply no endorsement.

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

B-1241 (C12)

Table 3.B Estimated resource use and costs for field operations, per acre
 Cotton; Conventional Tillage, Furrow Irr.
 Projected for 2005, Rio Grande Valley, For Planning Purposes Only

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Heavy Disk	14'	150 hp	0.167	1.00	Sep	3.11	2.65	0.98	1.91	0.167	1.08					9.75
Heavy Disk	14'	150 hp	0.167	1.00	Oct	3.11	2.65	0.98	1.91	0.167	1.08					9.75
Lister Bedder	8R-40	190 hp	0.070	1.00	Nov	1.62	1.31	0.20	0.61	0.070	0.45					4.22
Fert Appl (Liquid)	8R-40	130 hp	0.074	1.00	Jan	1.48	1.77	0.92	2.67	0.111	0.75					7.62
UAN (32% N)	cwt											2.5000	9.33	23.32		23.32
Lilliston Cultivator	8R-40	130 hp	0.095	1.00	Jan	1.90	2.28	0.63	1.43	0.095	0.61					6.87
Treflan EC	pt											2.0000	3.13	6.26		6.26
Plant & Pre	8R-40	150 hp	0.074	1.00	Feb	1.38	1.17	1.59	3.81	0.148	1.03					9.00
Cotton Seed	lb											15.0000	0.90	13.50		13.50
Insect Scouting	acre			1.00	Mar							1.0000	6.00	6.00		6.00
Lilliston Cultivator	8R-40	130 hp	0.095	1.00	Mar	1.90	2.28	0.63	1.43	0.095	0.61					6.87
Hi-Clear Sprayer	60'		0.033	1.00	Apr			0.65	0.97	0.033	0.21					1.83
Vydate C-LV	oz											8.0000	0.47	3.76		3.76
Hi-Clear Sprayer	60'		0.033	1.00	Apr			0.65	0.97	0.033	0.21					1.83
Vydate C-LV	oz											8.0000	0.47	3.76		3.76
Hi-Clear Sprayer	60'		0.033	1.00	May			0.65	0.97	0.033	0.21					1.83
Guthion 2L	pt											1.0000	3.84	3.84		3.84
Pix	oz											12.0000	0.76	9.12		9.12
Hi-Clear Sprayer	60'		0.033	1.00	May			0.65	0.97	0.033	0.21					1.83
Guthion 2L	pt											1.0000	3.84	3.84		3.84
Ditcher	standard	130 hp	0.020	1.00	Jun	0.40	0.48	0.06	0.18	0.020	0.13					1.26
Labor (Irr. Setup)	hour									0.100	0.65	0.1000				0.65
Labor (Flood)	hour			1.00	Jun					1.000	6.50	1.0000				6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49		6.49
App by Air (3 gal)	appl			1.00	Jun							1.0000	2.60	2.60		2.60
Guthion 2L	pt											1.0000	3.84	3.84		3.84
App by Air (3 gal)	appl			1.00	Jun							1.0000	2.60	2.60		2.60
Tracer	oz											2.0000	5.66	11.32		11.32
App by Air (3 gal)	appl			1.00	Jul							1.0000	2.60	2.60		2.60
Dropp 50 WP	lb											0.2000	54.87	10.97		10.97
Surfactant	pt											1.0000	0.88	0.88		0.88
MPCI: Irr. Cotton	acre			1.00	Jul							1.0000	12.00	12.00		12.00
Cotton Picker-1st-Tr	4-Row		0.192	1.00	Aug			17.43	28.13	0.384	2.49					48.06
Module Builder	32'	150 hp	0.220	1.00	Aug	4.10	3.49	1.98	6.19	0.440	3.08					18.87
Haul Cotton	lb			1.00	Aug							825.0000	0.02	16.50		16.50
Stalk Shredder	12'	150 hp	0.142	1.00	Aug	2.65	2.25	0.24	0.95	0.142	0.92					7.02
2,4-D Amine	pt											1.0000	1.40	1.40		1.40
Gin	lb			1.00	Aug							825.0000	0.08	66.00		66.00
TOTALS						21.70	20.38	28.30	53.17	3.071	20.29			210.61	354.47	
INTEREST ON OPERATING CAPITAL																7.83
UNALLOCATED LABOR																8.52
TOTAL SPECIFIED COST																370.83

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