

*Projections for Planning Purposes Only  
Not to be Used without Updating after October 15, 2003*

Table 4.A Estimated costs and returns per acre  
Cotton; Reduced Tillage, Roundup-Ready, Furrow Irr.  
Projected for 2004, Rio Grande Valley, For Planning Purposes

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	825.0000	429.00	_____
Cotton Seed	ton	80.00	0.6800	54.40	_____
TOTAL INCOME				483.40	_____
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	7.78	2.5000	19.45	_____
HERBICIDE					
Roundup Ultra 4SL	pt	4.56	3.7500	17.10	_____
Surfactant	pt	0.88	3.0000	2.64	_____
Harmony Extra	oz	12.54	0.6000	7.52	_____
2,4-D Amine	pt	1.40	2.0000	2.80	_____
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 RR	lb	1.07	15.0000	16.05	_____
GROWTH REGULATOR					
Pix	oz	0.76	12.0000	9.12	_____
SERVICE FEE					
Insect Scouting	acre	6.00	1.0000	6.00	_____
CUSTOM HARVEST/HUAL					
Haul Cotton	lb	0.02	825.0000	16.50	_____
INSURANCE					
MPCI: Irr. Cotton	acre	12.00	1.0000	12.00	_____
OPERATOR LABOR					
Tractors	hour	8.31	0.5840	4.85	_____
Self-Propelled Eq.	hour	8.31	0.5160	4.28	_____
HAND LABOR					
Implements	hour	6.91	0.3920	2.70	_____
IRRIGATION LABOR					
Labor (Flood)	hour	6.91	1.0000	6.91	_____
Labor (Irr. Setup)	hour	6.91	0.1000	0.69	_____
UNALLOCATED LABOR	hour	8.31	0.8800	7.31	_____
DIESEL FUEL					
Tractors	gal	1.06	3.7069	3.92	_____
Self-Propelled Eq.	gal	1.06	1.9920	2.11	_____
REPAIR & MAINTENANCE					
Implements	acre	6.02	1.0000	6.02	_____
Tractors	acre	5.79	1.0000	5.79	_____
Self-Propelled Eq.	acre	16.59	1.0000	16.59	_____
INTEREST ON OP. CAP.	acre	10.80	1.0000	10.80	_____
TOTAL DIRECT EXPENSES				302.84	_____
RETURNS ABOVE DIRECT EXPENSES				180.55	_____
FIXED EXPENSES					
Implements	acre	16.48	1.0000	16.48	_____
Tractors	acre	17.39	1.0000	17.39	_____
Self-Propelled Eq.	acre	33.41	1.0000	33.41	_____
TOTAL FIXED EXPENSES				67.29	_____
TOTAL SPECIFIED EXPENSES				370.13	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				113.26	_____
ALLOCATED COST ITEMS					
Share Rent% of Gross	%	483.40	25.0000	120.85	_____
RESIDUAL RETURNS				-7.58	_____

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Table 4.B Estimated resource use and costs for field operations, per acre  
Cotton; Reduced Tillage, Roundup-Ready, Furrow Irr.  
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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-----			
Cult middle/lift bed	8R-40	105 hp	0.034	1.00	Oct	0.66	1.40	0.81	1.79	0.034	0.28				4.96
Roller Stalk Chopper	8-row	130 hp	0.040	1.00	Nov	0.62	1.02	0.35	0.81	0.040	0.33				3.14
Fert Appl (Liquid)	8R-40	130 hp	0.074	1.00	Jan	1.15	1.89	0.92	2.77	0.111	0.87				7.62
UAN (32% N)	cwt											2.5000	7.78	19.45	19.45
Plant & Pre	8R-40	130 hp	0.074	1.00	Feb	1.15	1.89	1.59	4.01	0.148	1.12				9.78
Cotton Seed RR	lb											15.0000	1.07	16.05	16.05
Roundup Ultra 4SL	pt											1.2500	4.56	5.70	5.70
Insect Scouting	acre			1.00	Mar							1.0000	6.00	6.00	6.00
Spray (Broadcast)	27'	105 hp	0.061	1.00	Apr	1.19	2.52	0.13	0.20	0.091	0.71				4.77
Roundup Ultra 4SL	pt											1.2500	4.56	5.70	5.70
Hi-Clear Sprayer	60'		0.033	1.00	Apr			0.60	1.00	0.033	0.27				1.88
Roundup Ultra 4SL	pt											1.2500	4.56	5.70	5.70
Vydate C-LV	oz											8.0000	0.47	3.76	3.76
Hi-Clear Sprayer	60'		0.033	1.00	Apr			0.60	1.00	0.033	0.27				1.88
Vydate C-LV	oz											8.0000	0.47	3.76	3.76
Hi-Clear Sprayer	60'		0.033	1.00	May			0.60	1.00	0.033	0.27				1.88
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			0.60	1.00	0.033	0.27				1.88
Guthion 2L	pt											1.0000	3.84	3.84	3.84
Ditcher	standard	130 hp	0.020	1.00	Jun	0.31	0.51	0.06	0.18	0.020	0.16				1.24
Labor (Irr. Setup)	hour									0.100	0.69	0.1000			0.69
Labor (Flood)	hour			1.00	Jun					1.000	6.91	1.0000			6.91
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
MPCI: Irr. Cotton	acre			1.00	Jul							1.0000	12.00	12.00	12.00
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
Ambush 25W	oz														
Surfactant	pt											1.0000	0.88	0.88	0.88
Cotton Picker-1st-Tr	4-Row		0.192	1.00	Aug			16.27	29.38	0.384	3.19				48.85
Module Builder	32'	130 hp	0.220	1.00	Aug	3.43	5.62	1.98	6.47	0.440	3.34				20.87
Haul Cotton	lb			1.00	Aug							825.0000	0.02	16.50	16.50
Gin	lb			1.00	Aug							825.0000	0.08	66.00	66.00
Spray (Broadcast)	27'	105 hp	0.061	1.00	Sep	1.19	2.52	0.13	0.20	0.091	0.71				4.77
Harmony Extra	oz											0.6000	12.54	7.52	7.52
Surfactant	pt											2.0000	0.88	1.76	1.76
2,4-D Amine	pt											2.0000	1.40	2.80	2.80
TOTALS						9.72	17.39	24.73	49.89	2.592	19.45			230.81	352.01
INTEREST ON OPERATING CAPITAL															10.80
UNALLOCATED LABOR															7.31
TOTAL SPECIFIED COST															370.13

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*Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation.  
These projections were collected and developed by staff members of Texas Cooperative Extension and approved for publication*