

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

B-1241 (C12)

Table 4.A Estimated costs and returns per acre  
Cotton; Reduced Tillage, Roundup-Ready, Furrow Irr.  
Projected for 2003, Rio Grande Valley, For Planning Purposes

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Cotton Lint	lb	0.52	825.0000	429.00	_____
Cotton Seed	ton	80.00	0.6800	54.40	_____
				-----	
TOTAL INCOME				483.40	_____
<b>DIRECT EXPENSES</b>					
<b>CUSTOM SPRAY</b>					
App by Air ( 3 gal)	appl	2.60	3.0000	7.80	_____
<b>HARVEST AID</b>					
Dropp 50 WP	lb	54.87	0.2000	10.97	_____
<b>PROCESSING</b>					
Gin	lb	0.08	825.0000	66.00	_____
<b>FERTILIZER</b>					
UAN (32% N)	cwt	7.78	2.5000	19.45	_____
<b>HERBICIDE</b>					
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	_____
<b>INSECTICIDE/MITICIDE</b>					
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	_____
<b>IRRIGATION SUPPLIES</b>					
Irrigation Water	ac-ft	16.23	0.4000	6.49	_____
<b>SEED/PLANTS</b>					
Cotton Seed RR	lb	1.07	15.0000	16.05	_____
<b>GROWTH REGULATOR</b>					
Pix	oz	0.76	12.0000	9.12	_____
<b>SERVICE FEE</b>					
Insect Scouting	acre	6.00	1.0000	6.00	_____
<b>CUSTOM HARVEST/HAUL</b>					
Haul Cotton	lb	0.02	825.0000	16.50	_____
<b>INSURANCE</b>					
MPCI: Irr. Cotton	acre	12.00	1.0000	12.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	8.31	0.5840	4.85	_____
Self-Propelled Eq.	hour	8.31	0.5160	4.28	_____
<b>HAND LABOR</b>					
Implements	hour	6.91	0.3920	2.70	_____
<b>IRRIGATION LABOR</b>					
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	_____
<b>DIESEL FUEL</b>					
Tractors	gal	1.12	3.7069	4.15	_____
Self-Propelled Eq.	gal	1.12	1.9920	2.23	_____
<b>REPAIR &amp; MAINTENANCE</b>					
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	10.82	1.0000	10.82	_____
				-----	
TOTAL DIRECT EXPENSES				303.19	_____
RETURNS ABOVE DIRECT EXPENSES				180.20	_____
<b>FIXED EXPENSES</b>					
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				370.49	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				112.90	_____
<b>ALLOCATED COST ITEMS</b>					
Cotton Share Rent	%	483.40	25.0000	120.85	_____
RESIDUAL RETURNS				-7.94	_____

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

Table 4.B Estimated resource use and costs for field operations, per acre  
 Cotton; Reduced Tillage, Roundup-Ready, Furrow Irr.  
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INPUT OPERATION/ ----- OPERATING INPUT COST	SIZE/ TOTAL UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE
-----dollars-----						-----dollars-----				dollars			
Cult middle/lift bed	8R-40	105 hp	0.034	1.00	Oct	0.67	1.40	0.81	1.79	0.034	0.28		
4.97													
Roller Stalk Chopper	8-row	130 hp	0.040	1.00	Nov	0.64	1.02	0.35	0.81	0.040	0.33		
3.15													
Fert Appl (Liquid)	8R-40	130 hp	0.074	1.00	Jan	1.18	1.89	0.92	2.77	0.111	0.87		
7.65													
UAN (32% N)	cwt											2.5000	7.78
19.45	19.45												
Plant & Pre	8R-40	130 hp	0.074	1.00	Feb	1.18	1.89	1.59	4.01	0.148	1.12		
9.81													
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	1.21	2.52	0.13	0.20	0.091	0.71		
4.79													
Roundup Ultra 4SL	pt											1.2500	4.56
5.70	5.70												
Hi-Clear Sprayer	60'		0.033	1.00	Apr			0.61	1.00	0.033	0.27		
1.89													
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			0.61	1.00	0.033	0.27		
1.89													
Vydate C-LV	oz											8.0000	0.47
3.76	3.76												
Hi-Clear Sprayer	60'		0.033	1.00	May			0.61	1.00	0.033	0.27		
1.89													
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			0.61	1.00	0.033	0.27		
1.89													
Guthion 2L	pt											1.0000	3.84
3.84	3.84												
Ditcher	standard	130 hp	0.020	1.00	Jun	0.32	0.51	0.06	0.18	0.020	0.16		
1.25													
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			16.38	29.38	0.384	3.19		
48.96													
Module Builder	32'	130 hp	0.220	1.00	Aug	3.52	5.62	1.98	6.47	0.440	3.34		
20.95													
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	1.21	2.52	0.13	0.20	0.091	0.71		

*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.*

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4.79									
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				230.81	352.35				
INTEREST ON OPERATING CAPITAL				10.82	10.82				
UNALLOCATED LABOR				7.31	7.31				
TOTAL SPECIFIED COST				370.49	370.49				

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