

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

Table 12.A Estimated costs and returns per acre  
Cotton, Irrigated, Short Season Varieties  
2004 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
cotton seed	ton	120.00	0.9600	115.20	_____
cotton lint irrigate	lb	0.58	1200.0000	696.00	_____
				-----	
TOTAL INCOME				811.20	_____
<b>DIRECT EXPENSES</b>					
<b>SEED</b>					
seed cotton	lb	0.80	13.0000	10.40	_____
bt cotton licence	acre	32.00	1.0000	32.00	_____
<b>CROP INSURANCE</b>					
hail ins cotton ss	acre	16.00	1.0000	16.00	_____
<b>INSECTICIDE</b>					
insect timic	acre	10.00	1.0000	10.00	_____
insect cotton #7	acre	7.00	1.0000	7.00	_____
insect cotton #6	acre	5.50	2.0000	11.00	_____
insect cotton #8	acre	9.00	1.0000	9.00	_____
<b>FERTILIZER</b>					
nitrogen 32-0-0	lb	0.25	80.0000	20.00	_____
phosphate	lb	0.32	50.0000	16.00	_____
<b>MISC ADMIN O/H</b>					
mis admin o/h cotton	acre	16.00	0.5000	8.00	_____
<b>MISC</b>					
boll weevil prog	acre	23.00	1.0000	23.00	_____
<b>HERBICIDES</b>					
herbicide cotton i	acre	8.00	1.0000	8.00	_____
contact herbicide 1	acre	8.00	1.0000	8.00	_____
pix	acre	15.00	1.0000	15.00	_____
<b>COTTON HARVEST</b>					
def and appl ssi	acre	29.50	1.0000	29.50	_____
ginning, bags, ties	bale	44.00	2.2900	100.76	_____
<b>CUSTOM</b>					
pix application	acre	4.50	1.0000	4.50	_____
pesticide appl B	acre	4.50	4.0000	18.00	_____
consult fee cotton	acre	10.00	1.0000	10.00	_____
cstm cotton picker	bale	45.50	2.2900	104.19	_____
<b>IRRIGATION</b>					
irrigation costs	ac/in	4.00	12.0000	48.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	8.90	1.5412	13.71	_____
<b>IRRIGATION LABOR</b>					
irr system 1	hour	8.90	0.7000	6.23	_____
<b>DIESEL FUEL</b>					
Tractors	gal	1.09	11.4876	12.52	_____
<b>GASOLINE</b>					
Pick-up, 3/4 ton	gal	1.75	0.9100	1.59	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	13.47	1.0000	13.47	_____
Tractors	acre	17.37	1.0000	17.37	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
irr system 1	ac/in	0.17	14.0000	2.38	_____
INTEREST ON OP. CAP.	acre	13.43	1.0000	13.43	_____
				-----	
TOTAL DIRECT EXPENSES				590.07	_____
RETURNS ABOVE DIRECT EXPENSES				221.12	_____
<b>FIXED EXPENSES</b>					
Implements	acre	27.62	1.0000	27.62	_____
Tractors	acre	29.68	1.0000	29.68	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____
irr system 1	ac/in	0.17	14.0000	2.38	_____
				-----	
TOTAL FIXED EXPENSES				62.69	_____
				-----	
TOTAL SPECIFIED EXPENSES				652.76	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				158.43	_____
<b>ALLOCATED COST ITEMS</b>					
cash rent cotton irr	acre	70.00	1.0000	70.00	_____
RESIDUAL RETURNS				88.43	_____

\*Sprinkler irrigated

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Table 12.B Estimated resource use and costs for field operations, per acre  
Cotton, Irrigated, Short Season Varieties  
2004 Projected Costs and Returns per Acre

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-----				
shredder		100	0.199	1.00	Sep	3.27	3.58	0.58	0.91	0.199	1.77					10.14
offset disc 20 ft	20 ft	200	0.103	1.00	Sep	2.24	2.11	3.09	6.43	0.103	0.91					14.80
chisel		225	0.152	1.00	Sep	4.28	3.90	0.28	0.51	0.152	1.35					10.34
offset disc 20 ft	20 ft	200	0.103	1.00	Nov	2.24	2.11	3.09	6.43	0.103	0.91					14.80
fertilizer spreader		100	0.153	1.00	Nov	2.53	2.77	0.71	1.48	0.153	1.36					8.87
nitrogen 32-0-0	lb											80.0000	0.25	20.00		20.00
phospate	lb											50.0000	0.32	16.00		16.00
offset disc 20 ft	20 ft	200	0.103	1.00	Jan	2.24	2.11	3.09	6.43	0.103	0.91					14.80
bedder	6-row	100	0.114	1.00	Jan	1.87	2.05	0.36	0.76	0.114	1.01					6.08
irrigation costs	ac/in			1.00	Feb							2.0000	4.00	8.00		8.00
hail ins cotton ss	acre			1.00	Mar							1.0000	16.00	16.00		16.00
rodweeder		150	0.128	1.00	Mar	2.33	2.13	0.13	0.27	0.128	1.14					6.01
planter - max emerge		150	0.229	1.00	Mar	4.15	3.80	1.35	2.82	0.229	2.04					14.19
seed cotton	lb											13.0000	0.80	10.40		10.40
insect timic	acre											1.0000	10.00	10.00		10.00
bt cotton licence	acre											1.0000	32.00	32.00		32.00
herbicide cotton i	acre											1.0000	8.00	8.00		8.00
sprayer-hi speed		100	0.090	1.00	Apr	1.47	1.62	0.21	0.44	0.090	0.80					4.55
Pick-up, 3/4 ton	acre							2.59	3.00			1.0000				5.59
contact herbicide	1 acre											1.0000	8.00	8.00		8.00
pix application	acre			1.00	May							1.0000	4.50	4.50		4.50
pix	acre											1.0000	15.00	15.00		15.00
irrigation costs	ac/in											3.0000	4.00	12.00		12.00
insect cotton #7	acre			1.00	May							1.0000	7.00	7.00		7.00
pesticide appl B	acre											1.0000	4.50	4.50		4.50
consult fee cotton	acre			1.00	May							1.0000	10.00	10.00		10.00
insect cotton #6	acre											1.0000	5.50	5.50		5.50
pesticide appl B	acre											1.0000	4.50	4.50		4.50
cultivator rolling	8-row	125	0.163	1.00	Jun	3.21	3.45	0.53	1.10	0.163	1.45					9.76
irrigation costs	ac/in											4.0000	4.00	16.00		16.00
insect cotton #6	acre			1.00	Jun							1.0000	5.50	5.50		5.50
pesticide appl B	acre											1.0000	4.50	4.50		4.50
mis admin o/h cotton	acre			1.00	Jun							0.5000	16.00	8.00		8.00
boll weevil prog	acre			1.00	Jul							1.0000	23.00	23.00		23.00
irrigation costs	ac/in											3.0000	4.00	12.00		12.00
insect cotton #8	acre			1.00	Jul							1.0000	9.00	9.00		9.00
pesticide appl B	acre											1.0000	4.50	4.50		4.50

*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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def and appl ssi	acre	1.00	Aug					1.0000	29.50	29.50	29.50	
irr system 1	ac/in	1.00	Aug		2.38	2.38	0.700	6.23	14.0000		10.99	
ginning, bags, ties	bale								2.2900	44.00	100.76	
cstm cotton picker	bale								2.2900	45.50	104.19	
				-----				-----				
TOTALS				29.89	29.68	18.44	33.00	2.241	19.94		508.35	639.33
INTEREST ON OPERATING CAPITAL												13.43
UNALLOCATED LABOR												0.00
TOTAL SPECIFIED COST												652.76