

Table 7.A Estimated costs and returns per Acre
 Cotton, Sprinkler Irrigated
 2007 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
cotton lint	lb.	0.54	750.0000	405.00	_____
cottonseed	ton	130.00	0.6000	78.00	_____

TOTAL INCOME				483.00	_____
DIRECT EXPENSES					
custom					
fert. application	acre	3.50	1.0000	3.50	_____
insec. appl.	acre	3.50	3.0000	10.50	_____
harvest aid applicat	acre	3.50	1.0000	3.50	_____
picking - custom	lb.	0.10	750.0000	75.00	_____
herbicide					
herb. - cot. roundup	pint	1.88	1.5000	2.82	_____
Harvest aid - Prep	pint	6.25	1.3300	8.31	_____
Harvest aid -def	pint	6.25	1.3300	8.31	_____
insecticide					
insect. - cotton	lb.	5.00	3.0000	15.00	_____
Bollweevil Erad.	acre	10.00	1.0000	10.00	_____
seed					
cotton seed count	100	0.10	500.0000	50.00	_____
fertilizer					
fertilizer (N)	lb.	0.35	75.0000	26.25	_____
fertilizer (P)	lb.	0.30	60.0000	18.00	_____
potash (K)	lb.	0.23	40.0000	9.20	_____
sulfur	lb.	0.18	12.0000	2.16	_____
insurance					
crop insu. - irr cot	acre	9.00	1.0000	9.00	_____
harvest					
gin, bag, ties	lb.	0.12	750.0000	90.00	_____
OPERATOR LABOR					
Implements	hour	9.10	1.0756	9.78	_____
Tractors	hour	9.10	0.8964	8.15	_____
Self-Propelled Eq.	hour	9.10	0.2030	1.84	_____
IRRIGATION LABOR					
irrigation	hour	9.10	0.9600	8.73	_____
DIESEL FUEL					
Tractors	gal	2.00	5.9969	11.99	_____
ELECTRICITY					
irrigation	kWh	0.09	246.0000	22.14	_____
GASOLINE					
Self-Propelled Eq.	gal	2.25	3.0451	6.85	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.85	1.0000	3.85	_____
Tractors	Acre	6.72	1.0000	6.72	_____
Self-Propelled Eq.	Acre	0.28	1.0000	0.28	_____
irrigation	ac/in	2.03	15.0000	30.45	_____
INTEREST ON OP. CAP.	Acre	16.09	1.0000	16.09	_____

TOTAL DIRECT EXPENSES				468.47	_____
RETURNS ABOVE DIRECT EXPENSES				14.52	_____
FIXED EXPENSES					
Implements	Acre	7.61	1.0000	7.61	_____
Tractors	Acre	14.91	1.0000	14.91	_____
Self-Propelled Eq.	Acre	0.70	1.0000	0.70	_____
irrigation	Acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				56.83	_____

TOTAL SPECIFIED EXPENSES				525.30	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-42.30	_____
ALLOCATED COST ITEMS					
cotton - irr	acre	120.00	1.0000	120.00	_____
RESIDUAL RETURNS				-162.30	_____

Projections for Planning Purposes Only.

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Not to be Used without Updating after December 1, 2006

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Table 7.B Estimated resource use and costs for field operations, per Acre
Cotton, Sprinkler Irrigated
2007 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Shredder - 4 row	13.3 feet	125	0.209	1.00	Jan	4.37	3.48	0.95	1.60	0.460	4.19				14.62
Disc-Tandem (21 ft)	21 feet	125	0.105	1.00	Jan	2.19	1.74	1.08	1.81	0.231	2.10				8.94
Sprayer - 25 feet	25 feet	125	0.088	1.00	Feb	1.84	1.46	0.11	0.22	0.194	1.76				5.41
herb. - cot. roundup	pint											1.5000	1.88	2.82	2.82
Chisel - 25 Feet	25 Feet	125	0.091	1.00	Mar	1.91	1.52	0.52	1.40	0.201	1.83				7.20
fertilizer (N)	lb.			1.00	Mar							75.0000	0.35	26.25	26.25
fertilizer (P)	lb.											60.0000	0.30	18.00	18.00
potash (K)	lb.											40.0000	0.23	9.20	9.20
sulfur	lb.											12.0000	0.18	2.16	2.16
fert. application	acre											1.0000	3.50	3.50	3.50
Chisel - 25 Feet	25 Feet	125	0.091	1.00	Mar	1.91	1.52	0.52	1.40	0.201	1.83				7.20
Lister	20 feet	125	0.114	1.00	Apr	2.39	1.90	0.10	0.17	0.251	2.29				6.86
irrigation	ac/in			1.00	Apr			3.50	33.60	0.064	0.58	1.0000			37.68
irrigation	ac/in			1.00	May			7.01		0.128	1.16	2.0000			8.17
Planter	26.6 feet	125	0.086	1.00	May	1.79	1.43	0.23	0.45	0.189	1.72				5.64
cotton seed count	100											500.0000	0.10	50.00	50.00
insect. - cotton	lb.			1.00	May							1.0000	5.00	5.00	5.00
insec. appl.	acre											1.0000	3.50	3.50	3.50
Pick-up Truck	3/4 ton		0.006	30.30	May			7.13	0.70	0.203	1.84				9.69
irrigation	ac/in			1.00	Jun			7.01		0.128	1.16	2.0000			8.17
insect. - cotton	lb.			1.00	Jun							1.0000	5.00	5.00	5.00
insec. appl.	acre											1.0000	3.50	3.50	3.50
cultivator - 9 row	9 row	125	0.109	1.00	Jul	2.29	1.82	0.31	0.52	0.241	2.19				7.15
irrigation	ac/in			1.00	Jul			17.53		0.320	2.91	5.0000			20.44
irrigation	ac/in			1.00	Aug			17.53		0.320	2.91	5.0000			20.44
insect. - cotton	lb.											1.0000	5.00	5.00	5.00
insec. appl.	acre											1.0000	3.50	3.50	3.50
Bollweevil Erad.	acre			1.00	Nov							1.0000	10.00	10.00	10.00
crop insu. - irr cot	acre											1.0000	9.00	9.00	9.00
Harvest aid - Prep	pint			1.00	Nov							1.3300	6.25	8.31	8.31
Harvest aid -def	pint											1.3300	6.25	8.31	8.31
harvest aid applicat	acre											1.0000	3.50	3.50	3.50
gin, bag, ties	lb.			1.00	Nov							750.0000	0.12	90.00	90.00
picking - custom	lb.											750.0000	0.10	75.00	75.00
TOTALS						18.71	14.91	63.57	41.92	3.135	28.52			341.55	509.21
INTEREST ON OPERATING CAPITAL															16.09
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															525.30

Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
These projections were collected & developed by TCE staff & approved for publication.

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