

Table 7.A Estimated costs and returns per Acre
 Cotton, Sprinkler Irrigated
 2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
cotton lint - irr.	lb.	0.80	800.0000	640.00	_____
cottonseed	ton	150.00	0.6000	90.00	_____

TOTAL INCOME				730.00	_____
DIRECT EXPENSES					
custom					
fert. application	acre	4.50	1.0000	4.50	_____
insec. appl.	acre	4.50	1.0000	4.50	_____
harvest aid applicat	acre	4.50	1.0000	4.50	_____
picking - custom	lb.	0.10	800.0000	80.00	_____
herbicide					
herb. - cot. roundup	pint	1.38	2.0000	2.76	_____
Harvest aid - Prep	pint	2.75	3.0000	8.25	_____
Harvest aid -def	ounce	0.45	8.0000	3.60	_____
insecticide					
insect. - cotton	lb.	5.00	1.0000	5.00	_____
Bollweevil Erad.	acre	10.00	1.0000	10.00	_____
seed					
cotton seed	lb.	5.90	11.5000	67.85	_____
fertilizer					
fertilizer (N)	lb.	0.52	75.0000	39.00	_____
fertilizer (P)	lb.	0.58	60.0000	34.80	_____
potash (K)	lb.	0.50	40.0000	20.00	_____
sulfur	lb.	0.30	12.0000	3.60	_____
insurance					
crop insu. - irr cot	acre	17.00	1.0000	17.00	_____
harvest					
gin, bag, ties	lb.	0.12	800.0000	96.00	_____
OPERATOR LABOR					
Implements	hour	10.00	1.0756	10.75	_____
Tractors	hour	10.00	0.8964	8.96	_____
Self-Propelled Eq.	hour	10.00	0.2030	2.03	_____
IRRIGATION LABOR					
irrigation	hour	10.00	0.9600	9.60	_____
DIESEL FUEL					
Tractors	gal	2.55	5.9969	15.29	_____
ELECTRICITY					
irrigation	kWh	0.11	246.0000	28.29	_____
GASOLINE					
Self-Propelled Eq.	gal	2.70	3.0451	8.22	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.38	1.0000	4.38	_____
Tractors	Acre	7.73	1.0000	7.73	_____
Self-Propelled Eq.	Acre	0.32	1.0000	0.32	_____
irrigation	ac/in	2.33	15.0000	34.95	_____
INTEREST ON OP. CAP.	Acre	12.90	1.0000	12.90	_____

TOTAL DIRECT EXPENSES				544.80	_____
RETURNS ABOVE DIRECT EXPENSES				185.19	_____
FIXED EXPENSES					
Implements	Acre	7.63	1.0000	7.63	_____
Tractors	Acre	13.65	1.0000	13.65	_____
Self-Propelled Eq.	Acre	0.68	1.0000	0.68	_____
irrigation	Acre	38.64	1.0000	38.64	_____

TOTAL FIXED EXPENSES				60.61	_____

TOTAL SPECIFIED EXPENSES				605.41	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				124.58	_____
ALLOCATED COST ITEMS					
cotton - irr	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				49.58	_____

Projections for Planning Purposes Only.

Table 7.B Estimated resource use and costs for field operations, per Acre
 Cotton, Sprinkler Irrigated
 2011 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	5.38	3.19	1.10	1.62	0.460	4.60					15.91
Disc-Tandem (21 ft)	21 feet	125	0.105	1.00	Jan	2.69	1.60	1.24	1.83	0.231	2.31					9.69
Sprayer - 25 feet	25 feet	125	0.088	1.00	Feb	2.26	1.34	0.13	0.22	0.194	1.94					5.91
herb. - cot. roundup	pint											2.0000	1.38	2.76		2.76
Chisel - 25 Feet	25 Feet	125	0.091	1.00	Mar	2.35	1.39	0.60	1.42	0.201	2.01					7.78
fertilizer (N)	lb.			1.00	Mar							75.0000	0.52	39.00		39.00
fertilizer (P)	lb.											60.0000	0.58	34.80		34.80
potash (K)	lb.											40.0000	0.50	20.00		20.00
sulfur	lb.											12.0000	0.30	3.60		3.60
fert. application	acre											1.0000	4.50	4.50		4.50
Chisel - 25 Feet	25 Feet	125	0.091	1.00	Mar	2.35	1.39	0.60	1.42	0.201	2.01					7.78
Lister	20 feet	125	0.114	1.00	Apr	2.94	1.74	0.11	0.17	0.251	2.51					7.50
irrigation	ac/in			1.00	Apr			4.21	38.64	0.064	0.64	1.0000				43.49
irrigation	ac/in			1.00	May			8.43		0.128	1.28	2.0000				9.71
Planter	26.6 feet	125	0.086	1.00	May	2.21	1.31	0.27	0.45	0.189	1.89					6.14
cotton seed	lb.											11.5000	5.90	67.85		67.85
Pick-up Truck	3/4 ton		0.006	30.30	May			8.54	0.68	0.203	2.03					11.25
irrigation	ac/in			1.00	Jun			8.43		0.128	1.28	2.0000				9.71
insect. - cotton	lb.			1.00	Jun							1.0000	5.00	5.00		5.00
insec. appl.	acre											1.0000	4.50	4.50		4.50
cultivator - 9 row	9 row	125	0.109	1.00	Jul	2.81	1.67	0.31	0.46	0.241	2.41					7.67
irrigation	ac/in			1.00	Jul			21.08		0.320	3.20	5.0000				24.28
irrigation	ac/in			1.00	Aug			21.08		0.320	3.20	5.0000				24.28
Bollweevil Erad.	acre			1.00	Nov							1.0000	10.00	10.00		10.00
crop insu. - irr cot	acre											1.0000	17.00	17.00		17.00
Harvest aid - Prep	pint			1.00	Nov							3.0000	2.75	8.25		8.25
Harvest aid -def	ounce											8.0000	0.45	3.60		3.60
harvest aid applicat	acre											1.0000	4.50	4.50		4.50
gin, bag, ties	lb.			1.00	Nov							800.0000	0.12	96.00		96.00
picking - custom	lb.											800.0000	0.10	80.00		80.00
TOTALS						23.02	13.65	76.17	46.95	3.135	31.35			401.36		592.51
INTEREST ON OPERATING CAPITAL																12.90
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																605.41

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