

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

Table 3.A Estimated costs and returns per acre
St. Lawrence Furrow-Irrigated Solid Planted Cotton
2004 Projected Costs and Returns Per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
cotton lint	lb.	0.52	600.0000	312.00	_____
cotton seed	lb	0.06	954.0000	57.24	_____

TOTAL INCOME				369.24	_____
DIRECT EXPENSES					
SEED					
seed (1st planting)	lb.	1.10	9.0000	9.90	_____
seed (replant)	lb.	0.24	2.2500	0.54	_____
CROP INSURANCE					
crop insurance-cotto	acre	18.00	1.0000	18.00	_____
CUSTOM					
gin,bag,tie-furrow	acre	46.83	1.0000	46.83	_____
module hauling-furro	module	30.00	0.2000	6.00	_____
FERTILIZER					
nitrogen - cotton	lb.	0.18	60.0000	10.80	_____
phosphate	lb.	0.29	20.0000	5.80	_____
Preharvest Chemical					
Treflan - cotton	pint	1.00	3.2500	3.25	_____
spot spray - furrow	acre	10.00	0.5000	5.00	_____
insecticide-gin	acre	1.00	1.0000	1.00	_____
Harvest Chemical					
cyclone defoliant	oz.	0.25	22.0000	5.50	_____
defoliant	pint	1.00	10.0000	10.00	_____
OPERATOR LABOR					
Implements	hour	7.00	0.1980	1.38	_____
Tractors	hour	7.00	1.3795	9.65	_____
HAND LABOR					
Implements	hour	7.00	0.2390	1.67	_____
IRRIGATION LABOR					
Furrow Irr - St L	hour	7.00	1.4998	10.49	_____
DIESEL FUEL					
Tractors	gal	1.06	10.9276	11.58	_____
Self-Propelled Eq.	gal	1.06	6.4000	6.78	_____
ELECTRICITY					
Furrow Irr - St L	kWh	0.09	1062.5786	95.63	_____
GASOLINE					
Self-Propelled Eq.	gal	1.47	4.2210	6.20	_____
REPAIR & MAINTENANCE					
Implements	acre	5.82	1.0000	5.82	_____
Tractors	acre	7.72	1.0000	7.72	_____
Self-Propelled Eq.	acre	2.06	1.0000	2.06	_____
Furrow Irr - St L	ac-in	0.22	11.9990	2.74	_____
INTEREST ON OP. CAP.	acre	8.83	1.0000	8.83	_____

TOTAL DIRECT EXPENSES				293.23	_____
RETURNS ABOVE DIRECT EXPENSES				76.00	_____
FIXED EXPENSES					
Implements	acre	20.91	1.0000	20.91	_____
Tractors	acre	27.45	1.0000	27.45	_____
Self-Propelled Eq.	acre	7.01	1.0000	7.01	_____
Furrow Irr - St L	acre	8.00	1.0000	8.00	_____

TOTAL FIXED EXPENSES				63.38	_____

TOTAL SPECIFIED EXPENSES				356.61	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				12.62	_____
ALLOCATED COST ITEMS					
lease - furrow cotto	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				-37.37	_____

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Table 3.B Estimated resource use and costs for field operations, per acre
St. Lawrence Furrow-Irrigated Solid Planted Cotton
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 -	25 ft	150	0.149	1.00	Dec	1.95	2.97	0.75	2.20	0.149	1.04					8.93
Chisel/Ripper-	11 shank	180	0.099	1.00	Jan	1.47	1.88	0.25	1.34	0.219	1.53					6.49
spring tooth-		180	0.110	1.00	Jan	1.63	2.08	0.13	0.18	0.110	0.77					4.80
nitrogen - cotton	lb.			1.00	Feb							60.0000	0.18	10.80		10.80
phosphate	lb.											20.0000	0.29	5.80		5.80
field cultivator-	31 ft	180	0.065	1.00	Feb	0.96	1.23	0.22	1.14	0.143	1.00					4.58
lister-	8 row	180	0.133	1.00	Feb	1.97	2.52	0.31	0.39	0.133	0.93					6.14
Furrow Irr - St L	ac-in			1.00	Feb					19.12	8.00	0.291	2.04	2.3330		29.16
Furrow Irr - St L	ac-in			1.00	Mar					19.12		0.291	2.04	2.3330		21.16
Furrow Irr - St L	ac-in			1.00	Apr					19.12		0.291	2.04	2.3330		21.16
row cultivator-		150	0.103	1.00	May	1.35	2.05	0.20	0.66	0.103	0.72					4.99
planter / replanter-	8 row	150	0.137	1.00	May	1.80	2.73	1.93	8.46	0.137	0.96					15.89
seed (1st planting)	lb.											9.0000	1.10	9.90		9.90
Treflan - cotton	pint											2.6000	1.00	2.60		2.60
planter / replanter-	8 row	150	0.137	0.25	May	0.45	0.68	0.48	2.11	0.034	0.24					3.97
seed (replant)	lb.											2.2500	0.24	0.54		0.54
Treflan - cotton	pint											0.6500	1.00	0.65		0.65
scratcher-	17 row	140 hp	0.057	1.00	May	1.28	1.53	0.10	0.30	0.057	0.40					3.63
pickup #1			0.006	21.00	Jun			3.14	0.54							3.69
pickup #2			0.006	21.00	Jun			3.11	0.19							3.31
row cultivator-		150	0.103	1.00	Jul	1.35	2.05	0.20	0.66	0.103	0.72					4.99
Furrow Irr - St L	ac-in							20.49		0.312	2.18	2.5000				22.68
spot spray - furrow	acre			0.50	Jul							0.5000	10.00	5.00		5.00
Furrow Irr - St L	ac-in			1.00	Aug			20.49		0.312	2.18	2.5000				22.68
row cultivator-		150	0.103	1.00	Aug	1.35	2.05	0.20	0.66	0.103	0.72					4.99
crop insurance-cotto	acre			1.00	Sep							1.0000	18.00	18.00		18.00
3-pt. Sprayer-	60 ft	150	0.125	1.00	Oct	1.63	2.48	0.31	0.77	0.125	0.87					6.09
cyclone defoliant	oz.											22.0000	0.25	5.50		5.50
3-pt. Sprayer-	60 ft	150	0.125	1.00	Oct	1.63	2.48	0.31	0.77	0.125	0.87					6.09
defoliant	pint											10.0000	1.00	10.00		10.00
boll buggy-		150	0.033	1.00	Nov	0.43	0.66	0.07	0.17	0.033	0.23					1.58
Cotton Stripper	8 row		0.400					8.78	6.26							15.05
insecticide-gin	acre											1.0000	1.00	1.00		1.00
gin,bag,tie-furrow	acre											1.0000	46.83	46.83		46.83
module hauling-furro	module											0.2000	30.00	6.00		6.00
Module Builder-	w/autotamp	150	0.129	1.00	Nov			0.30	1.02	0.239	1.67					3.00
TOTALS						19.31	27.45	119.24	35.92	3.316	23.21				122.62	347.77
INTEREST ON OPERATING CAPITAL																8.83
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																356.61

*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*