

Table 3.A Estimated costs and returns per acre
St. Lawrence Furrow-Irrigated Solid Planted Cotton
2003 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	0.04	954.0000	45.31	_____
TOTAL INCOME				357.31	_____
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	_____
IRRIGATION LABOR					
Furrow Irr - St L	hour	7.00	1.4998	10.49	_____
DIESEL FUEL					
Tractors	gal	1.10	10.9276	12.02	_____
Self-Propelled Eq.	gal	1.10	6.4000	7.04	_____
ELECTRICITY					
Furrow Irr - St L	kWh	0.09	1062.5786	95.63	_____
GASOLINE					
Self-Propelled Eq.	gal	1.30	4.2210	5.48	_____
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	8.82	1.0000	8.82	_____
TOTAL DIRECT EXPENSES				291.52	_____
RETURNS ABOVE DIRECT EXPENSES				65.79	_____
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				354.90	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				2.41	_____
ALLOCATED COST ITEMS					
lease - furrow cotto	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				-47.58	_____

Table 3.B Estimated resource use and costs for field operations, per acre
 St. Lawrence Furrow-Irrigated Solid Planted Cotton
 2003 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 -	25 ft	150	0.149	1.00	Dec	2.00	2.97	0.75	2.20	0.149	1.04					8.98
Chisel/Ripper-	11 shank	180	0.099	1.00	Jan	1.51	1.88	0.25	1.34	0.219	1.53					6.53
spring tooth-		180	0.110	1.00	Jan	1.66	2.08	0.13	0.18	0.110	0.77					4.84
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	0.99	1.23	0.22	1.14	0.143	1.00					4.61
lister-	8 row	180	0.133	1.00	Feb	2.02	2.52	0.31	0.39	0.133	0.93					6.18
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	1.38	2.05	0.20	0.66	0.103	0.72					5.02
planter / replanter-	8 row	150	0.137	1.00	May	1.84	2.73	1.93	8.46	0.137	0.96					15.93
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	0.46	0.68	0.48	2.11	0.034	0.24					3.98
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	1.30	1.53	0.10	0.30	0.057	0.40					3.65
pickup #1			0.006	21.00	Jun			2.79	0.54							3.33
pickup #2			0.006	21.00	Jun			2.75	0.19							2.95
row cultivator-		150	0.103	1.00	Jul	1.38	2.05	0.20	0.66	0.103	0.72					5.02
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	1.38	2.05	0.20	0.66	0.103	0.72					5.02
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	1.67	2.48	0.31	0.77	0.125	0.87					6.12
cyclone defoliant	oz.											22.0000	0.25	5.50		5.50
3-pt. Sprayer-	60 ft	150	0.125	1.00	Oct	1.67	2.48	0.31	0.77	0.125	0.87					6.12
defoliant	pint											10.0000	1.00	10.00		10.00
boll buggy-		150	0.033	1.00	Nov	0.44	0.66	0.07	0.17	0.033	0.23					1.59
Cotton Stripper	8 row		0.400					9.04	6.26							15.31
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							1.32
TOTALS						19.74	27.45	118.78	35.92	3.077	21.54				122.62	346.08
INTEREST ON OPERATING CAPITAL																8.82
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																354.90