

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

Table 2.A Estimated costs and returns per Acre
St. Lawrence Drip-Irrigated Solid Planted Cotton (Bt)
2004 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
cotton seed	lb	0.06	1600.0000	96.00	_____
cotton lint	lb.	0.52	1000.0000	520.00	_____

TOTAL INCOME				616.00	_____
DIRECT EXPENSES					
SEED					
seed (1st plant. Bt)	lb.	2.35	12.0000	28.20	_____
seed (2nd plant. Bt)	lb.	2.35	3.0000	7.05	_____
CROP INSURANCE					
crop insurance-cotto	acre	18.00	1.0000	18.00	_____
CUSTOM					
Aerial Spraying	acre	4.00	2.0000	8.00	_____
gin,bag,tie-transgen	acre	84.68	1.0000	84.68	_____
FERTILIZER					
nitrogen - cotton	lb.	0.18	90.0000	16.20	_____
phosphate	lb.	0.29	35.0000	10.15	_____
sulphuric acid	lb.	1.00	2.0000	2.00	_____
Preharvest Chemical					
cyclone - direx	pint	1.00	10.0000	10.00	_____
Treflan - cotton	pint	1.00	1.8750	1.87	_____
roundup	ounce	1.00	7.0000	7.00	_____
pix - transgenic	acre	8.00	1.0000	8.00	_____
flea hopper	acre	1.00	0.5000	0.50	_____
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	0.2666	1.86	_____
Tractors	hour	7.00	1.4014	9.81	_____
HAND LABOR					
Implements	hour	7.00	0.2390	1.67	_____
IRRIGATION LABOR					
irrig- elec(ST L. SDI	hour	7.00	0.3008	2.10	_____
DIESEL FUEL					
Tractors	gal	1.06	11.1823	11.85	_____
Self-Propelled Eq.	gal	1.06	6.4000	6.78	_____
ELECTRICITY					
irrig- elec(ST L. SDI	kWh	0.09	1505.3566	135.48	_____
GASOLINE					
Self-Propelled Eq.	gal	1.47	4.2210	6.20	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.26	1.0000	6.26	_____
Tractors	Acre	7.30	1.0000	7.30	_____
Self-Propelled Eq.	Acre	2.06	1.0000	2.06	_____
irrig- elec(ST L. SDI	ac-in	1.00	16.9990	16.99	_____
INTEREST ON OP. CAP.	Acre	12.07	1.0000	12.07	_____

TOTAL DIRECT EXPENSES				438.65	_____
RETURNS ABOVE DIRECT EXPENSES				177.34	_____
FIXED EXPENSES					
Implements	Acre	21.36	1.0000	21.36	_____
Tractors	Acre	27.43	1.0000	27.43	_____
Self-Propelled Eq.	Acre	7.01	1.0000	7.01	_____
irrig- elec(ST L. SDI	Acre	60.83	1.0000	60.83	_____

TOTAL FIXED EXPENSES				116.64	_____

TOTAL SPECIFIED EXPENSES				555.29	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				60.70	_____
ALLOCATED COST ITEMS					
lease - drip cotton	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				10.70	_____

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Table 2.B Estimated resource use and costs for field operations, per Acre
St. Lawrence Drip-Irrigated Solid Planted Cotton (Bt)
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							90.0000	0.18	16.20		16.20
phosphate	lb.											35.0000	0.29	10.15		10.15
sulphuric acid	lb.											2.0000	1.00	2.00		2.00
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
irrig- elec(ST L. SDI ac-in				1.00	Feb			11.95	60.83	0.023	0.16	1.3330				72.95
irrig- elec(ST L. SDI ac-in				1.00	Mar			11.95		0.023	0.16	1.3330				12.12
cyclone - direx	pint			1.00	Apr							10.0000	1.00	10.00		10.00
irrig- elec(ST L. SDI ac-in				1.00	Apr			11.95		0.023	0.16	1.3330				12.12
bedder		180	0.057	1.00	May	0.84	1.08	0.44	0.64	0.125	0.88					3.89
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 plant. Bt) lb.												12.0000	2.35	28.20		28.20
Treflan - cotton	pint											1.5000	1.00	1.50		1.50
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 (2nd plant. Bt) lb.												3.0000	2.35	7.05		7.05
Treflan - cotton	pint											0.3750	1.00	0.37		0.37
irrig- elec(ST L. SDI ac-in				1.00	Jun			29.15		0.057	0.40	3.2500				29.55
3-pt. Sprayer-	60 ft	150	0.125	1.00	Jun	1.63	2.48	0.31	0.77	0.125	0.87					6.09
roundup	ounce											7.0000	1.00	7.00		7.00
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
irrig- elec(ST L. SDI ac-in				1.00	Jul			29.15		0.057	0.40	3.2500				29.55
row cultivator-		150	0.103	1.00	Jul	1.35	2.05	0.20	0.66	0.103	0.72					4.99
3-pt. Sprayer-	60 ft	150	0.125	1.00	Aug	1.63	2.48	0.31	0.77	0.125	0.87					6.09
irrig- elec(ST L. SDI ac-in								29.15		0.057	0.40	3.2500				29.55
pix - transgenic	acre											1.0000	8.00	8.00		8.00
row cultivator-		150	0.103	1.00	Aug	1.35	2.05	0.20	0.66	0.103	0.72					4.99
irrig- elec(ST L. SDI ac-in				1.00	Sep			29.15		0.057	0.40	3.2500				29.55
3-pt. Sprayer-	60 ft	150	0.125	1.00	Sep	1.63	2.48	0.31	0.77	0.125	0.87					6.09
flea hopper	acre											0.5000	1.00	0.50		0.50
crop insurance-cotto	acre											1.0000	18.00	18.00		18.00
cyclone defoliant	oz.			1.00	Oct							22.0000	0.25	5.50		5.50
Aerial Spraying	acre											1.0000	4.00	4.00		4.00
defoliant	pint			1.00	Oct							10.0000	1.00	10.00		10.00
Aerial Spraying	acre											1.0000	4.00	4.00		4.00
insecticide-gin	acre			1.00	Nov							1.0000	1.00	1.00		1.00
gin,bag,tie-transgen	acre			1.00	Nov							1.0000	84.68	84.68		84.68

*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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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
Module Builder-	w/autotamp	150	0.129	1.00	Nov			0.30	1.02	0.239	1.67		3.00
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TOTALS						19.15	27.43	173.80	89.21	2.207	15.45	218.15	543.21
INTEREST ON OPERATING CAPITAL													12.07
UNALLOCATED LABOR													0.00
TOTAL SPECIFIED COST													555.29