

Table 3.A Estimated costs and returns per acre
 St. Lawrence Conventional Tillage Cotton
 Drip Irrigated 40 inch Rows, Far West Texas, 2010

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	1500.0000	780.00	_____
Cotton Seed	lb	0.08	2325.0000	186.00	_____

TOTAL INCOME				966.00	_____
DIRECT EXPENSES					
HARVEST AIDS					
Prep	oz	0.68	16.0000	10.93	_____
Def 6	pt	6.79	1.0000	6.79	_____
Gramoxone Inteon	oz	0.23	20.0000	4.76	_____
Aim	oz	5.00	0.2500	1.25	_____
FERTILIZERS					
Fert 10-34-0	cwt	20.03	1.5000	30.05	_____
N-32 in Water	lb	0.10	280.0000	28.10	_____
HERBICIDES					
Trifluralin	pt	2.69	2.0000	5.39	_____
Roundup Original	oz	0.33	32.0000	10.75	_____
SEED/PLANTS					
Cotton Seed BIIRRF	thous	1.05	40.0000	42.30	_____
TECHNOLOGY FEE					
Erad Zn GURM Irrig.	ac	6.00	1.0000	6.00	_____
CUSTOM HIRE					
Custom Spray	acre	4.00	2.0000	8.00	_____
Gin, Bag and Tie	ac	102.78	1.0000	102.78	_____
Operator Labor					
Tractors	hour	11.00	1.2323	13.56	_____
Self-Propelled	hour	11.00	0.1459	1.61	_____
Irrigation Labor					
St. L Drip System	hour	11.00	4.0530	44.59	_____
Hand Labor					
Special Labor	hour	9.00	0.7764	6.99	_____
Implements	hour	9.00	0.5768	5.19	_____
DIESEL FUEL					
Tractors	gal	2.20	9.8326	21.62	_____
Self-Propelled	gal	2.20	1.3135	2.89	_____
ELECTRICITY					
St. L Drip System	kWh	0.12	749.8050	89.95	_____
GASOLINE					
Pickup	gal	2.50	3.2160	8.04	_____
REPAIR & MAINTENANCE					
Implements	acre	6.33	1.0000	6.33	_____
Tractors	acre	3.16	1.0000	3.16	_____
Self-Propelled	acre	3.48	1.0000	3.48	_____
St. L Drip System	ac-in	2.10	17.5000	36.75	_____
Pickup	ea	1200.00	0.0013	1.60	_____
INTEREST ON OP. CAP.	acre	12.30	1.0000	12.30	_____

TOTAL DIRECT EXPENSES				515.16	_____
RETURNS ABOVE DIRECT EXPENSES				450.84	_____
FIXED EXPENSES					
Implements	acre	11.31	1.0000	11.31	_____
Tractors	acre	19.58	1.0000	19.58	_____
Self-Propelled	acre	10.66	1.0000	10.66	_____
St. L Drip System	each	23162.58	0.0100	231.63	_____
Pickup	each	5626.64	0.0003	1.88	_____

TOTAL FIXED EXPENSES				275.06	_____

TOTAL SPECIFIED EXPENSES				790.22	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				175.78	_____
RESIDUAL ITEMS					
Lease value - Drip	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				125.78	_____

Note: Cost of production estimates are based on last year's input price

Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2010

B-1241 (C6)

Table 3.B Estimated resource use and costs for field operations, per acre
St. Lawrence Conventional Tillage Cotton
Drip Irrigated 40 inch Rows, Far West Texas, 2010

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Dec	1.62	1.35	1.05	0.64	0.08	0.91				5.57
Lister	8 row	MFWD 130	0.060	1.00	Jan	1.31	0.88	0.14	0.17	0.06	0.66				3.16
Disk Harrow	24'	MFWD 190	0.081	1.00	Feb	2.04	1.82	0.38	0.82	0.08	0.90				5.96
Trifluralin	pt											2.0000	2.69	5.39	5.39
Fert Spreader (dry)		2WD 50	0.033	1.00	Apr	0.21	0.11	0.02	0.03	0.03	0.37				0.74
Fert 10-34-0	cwt											1.5000	20.03	30.05	30.05
N-32 in Water	lb			1.00	Apr							56.0000	0.10	5.62	5.62
Lister w/ Bed Roller	8 row	MFWD 130	0.060	1.00	Apr	1.31	0.88	0.17	0.19	0.06	0.66				3.21
Plant - Folding	8R-40	MFWD 170	0.070	1.00	May	1.58	1.39	0.68	1.33	0.14	1.40				6.38
Cotton Seed BIIRRF	thous											40.0000	1.05	42.30	42.30
N-32 in Water	lb			1.00	Jun							56.0000	0.10	5.62	5.62
Spray (Broadcast)	60'	MFWD 170	0.028	1.00	Jun	0.63	0.56	0.08	0.09	0.04	0.44				1.80
Roundup Original	oz											32.0000	0.33	10.75	10.75
Erad Zn GURM Irrig.	ac			1.00	Jun							1.0000	6.00	6.00	6.00
Cultivate	8R-40	MFWD 170	0.077	1.00	Jul	1.73	1.52	0.25	0.68	0.07	0.85				5.03
N-32 in Water	lb			1.00	Jul							56.0000	0.10	5.62	5.62
Hand Labor	hour			1.00	Jul					0.77	6.99				6.99
N-32 in Water	lb			1.00	Jul							56.0000	0.10	5.62	5.62
N-32 in Water	lb			1.00	Aug							56.0000	0.10	5.62	5.62
Custom Spray	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Prep	oz											16.0000	0.68	10.93	10.93
Def 6	pt											1.0000	6.79	6.79	6.79
Custom Spray	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Gramoxone Inteon	oz											20.0000	0.23	4.76	4.76
Aim	oz											0.2500	5.00	1.25	1.25
Boll Buggy-Stripper	4R40*Brush	MFWD 150	0.246	1.00	Nov	4.84	4.03	0.95	1.96	0.24	2.71				14.49
Cotton Stripper	8R-40		0.145			6.37	10.66			0.14	1.61				18.64
Module Builder-1st	4R40255	2WD 150	0.246	2.00	Nov	9.51	7.04	2.61	5.40	0.98	9.85				34.41
Gin, Bag and Tie	ac			1.00	Nov							1.0000	102.78	102.78	102.78
Pickup	each			1.00	Mar					1.88		0.0003			1.88
Application 1	ea							4.82				0.0006			4.82
Application 2	ea							4.82				0.0006			4.82
St. L Drip System	each			1.00	Mar				231.63			0.0100			231.63
Application 1	ac-in							18.10		0.57	6.37	2.5000			24.47
Application 2	ac-in							18.10		0.57	6.37	2.5000			24.47
Application 3	ac-in							18.10		0.57	6.37	2.5000			24.47
Application 4	ac-in							18.10		0.57	6.37	2.5000			24.47
Application 5	ac-in							18.10		0.57	6.37	2.5000			24.47
Application 6	ac-in							18.10		0.57	6.37	2.5000			24.47
Application 7	ac-in							18.10		0.57	6.37	2.5000			24.47
TOTALS						31.15	30.24	142.67	244.82	6.78	71.94			257.10	777.92
INTEREST ON OPERATING CAPITAL															12.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															790.22

Note: Cost of production estimates are based on last year's input prices.