

Table 1.D Estimated costs and returns per acre
St. Lawrence Reduced Tillage Cotton
Drip Irrigated 40 inch Rows, Far West Texas, 2011

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.62	1500.0000	930.00	_____
Cotton Seed	lb	0.09	2325.0000	209.25	_____

TOTAL INCOME				1139.25	_____
DIRECT EXPENSES					
HARVEST AIDS					
Prep	oz	0.70	16.0000	11.20	_____
Def 6	pt	8.56	1.0000	8.56	_____
Gramoxone Inteon	oz	0.22	20.0000	4.40	_____
Aim	oz	4.90	0.2500	1.23	_____
FERTILIZERS					
Fert 10-34-0	cwt	26.50	1.5000	39.75	_____
N-32 in Water	lb	0.18	280.0000	50.40	_____
HERBICIDES					
Glyphosate	pt	1.44	4.0000	5.76	_____
SEED/PLANTS					
Cotton Seed BIIRRF	thous	1.36	40.0000	54.40	_____
TECHNOLOGY FEE					
Erad Zn GURM Irrig.	ac	20.00	1.0000	20.00	_____
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	12.00	1.1787	14.15	_____
Self-Propelled	hour	12.00	0.1459	1.75	_____
Irrigation Labor					
St. L Drip System	hour	11.00	4.0530	44.59	_____
Hand Labor					
Special Labor	hour	10.00	0.7764	7.76	_____
Implements	hour	10.00	0.5909	5.90	_____
DIESEL FUEL					
Tractors	gal	2.46	9.2789	22.83	_____
Self-Propelled	gal	2.46	1.3135	3.23	_____
ELECTRICITY					
St. L Drip System	kWh	0.15	749.8050	112.49	_____
GASOLINE					
Pickup	gal	3.00	3.2160	9.64	_____
REPAIR & MAINTENANCE					
Implements	acre	6.03	1.0000	6.03	_____
Tractors	acre	2.97	1.0000	2.97	_____
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	16.55	1.0000	16.55	_____

TOTAL DIRECT EXPENSES				596.20	_____
RETURNS ABOVE DIRECT EXPENSES				543.05	_____
FIXED EXPENSES					
Implements	acre	11.38	1.0000	11.38	_____
Tractors	acre	19.55	1.0000	19.55	_____
Self-Propelled	acre	11.39	1.0000	11.39	_____
St. L Drip System	each	24740.38	0.0100	247.40	_____
Pickup	each	5846.54	0.0003	1.95	_____

TOTAL FIXED EXPENSES				291.67	_____

TOTAL SPECIFIED EXPENSES				887.87	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				251.38	_____
RESIDUAL ITEMS					
Lease value - Drip	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				201.38	_____

Table 1.A Estimated resource use and costs for field operations, per acre
 St. Lawrence Reduced Tillage Cotton
 Drip Irrigated 40 inch Rows, Far West Texas, 2011

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	1.79	1.44	1.05	0.69	0.08	0.99				5.96
Lister	8 row	MFWD 130	0.060	1.00	Jan	1.45	0.94	0.14	0.18	0.06	0.72				3.43
Fert Spreader (dry)		2WD 50	0.033	1.00	Apr	0.23	0.12	0.02	0.04	0.03	0.40				0.81
Fert 10-34-0	cwt											1.5000	26.50	39.75	39.75
N-32 in Water	lb			1.00	Apr							56.0000	0.18	10.08	10.08
Lister w/ Bed Roller	8 row	MFWD 130	0.060	1.00	Apr	1.45	0.94	0.17	0.21	0.06	0.72				3.49
Plant - Folding	8R-40	MFWD 170	0.070	1.00	May	1.74	1.48	0.68	1.43	0.14	1.55				6.88
Cotton Seed BIIRRF	thous											40.0000	1.36	54.40	54.40
N-32 in Water	lb			1.00	Jun							56.0000	0.18	10.08	10.08
Spray (Broadcast)	60'	MFWD 170	0.028	1.00	Jun	0.70	0.59	0.08	0.10	0.04	0.48				1.95
Glyphosate	pt											2.0000	1.44	2.88	2.88
Erad Zn GURM Irrig.	ac			1.00	Jun							1.0000	20.00	20.00	20.00
Cultivate	8R-40	MFWD 170	0.077	1.00	Jul	1.90	1.62	0.25	0.72	0.07	0.93				5.42
N-32 in Water	lb			1.00	Jul							56.0000	0.18	10.08	10.08
Hand Labor	hour			1.00	Jul					0.77	7.76				7.76
N-32 in Water	lb			1.00	Jul							56.0000	0.18	10.08	10.08
N-32 in Water	lb			1.00	Aug							56.0000	0.18	10.08	10.08
Spray (Broadcast)	60'	MFWD 170	0.028	1.00	Aug	0.70	0.59	0.08	0.10	0.04	0.48				1.95
Glyphosate	pt											2.0000	1.44	2.88	2.88
Custom Spray	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Prep	oz											16.0000	0.70	11.20	11.20
Def 6	pt											1.0000	8.56	8.56	8.56
Custom Spray	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Gramoxone Inteon	oz											20.0000	0.22	4.40	4.40
Aim	oz											0.2500	4.90	1.23	1.23
Boll Buggy-Stripper	4R40*Brush	MFWD 150	0.246	1.00	Nov	5.34	4.31	0.95	2.11	0.24	2.95				15.66
Cotton Stripper	8R-40		0.145			6.71	11.39			0.14	1.75				19.85
Module Builder-1st	4R40255	2WD 150	0.246	2.00	Nov	10.50	7.52	2.61	5.80	0.98	10.83				37.26
Gin, Bag and Tie	ac			1.00	Nov							1.0000	102.78	102.78	102.78
Pickup	each			1.00	Mar				1.95			0.0003			1.95
Application 1	ea							5.62				0.0006			5.62
Application 2	ea							5.62				0.0006			5.62
St. L Drip System	each			1.00	Mar				247.40			0.0100			247.40
Application 1	ac-in							21.32		0.57	6.37	2.5000			27.69
Application 2	ac-in							21.32		0.57	6.37	2.5000			27.69
Application 3	ac-in							21.32		0.57	6.37	2.5000			27.69
Application 4	ac-in							21.32		0.57	6.37	2.5000			27.69
Application 5	ac-in							21.32		0.57	6.37	2.5000			27.69
Application 6	ac-in							21.32		0.57	6.37	2.5000			27.69
Application 7	ac-in							21.32		0.57	6.37	2.5000			27.69
TOTALS						32.51	30.94	166.51	260.73	6.74	74.15			306.48	871.32
INTEREST ON OPERATING CAPITAL															16.55
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															887.87

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