

Table 2.A Estimated resource use and costs for field operations, per Ac
 St. Lawrence Conventional Cotton
 Drip Irrigated 40 inch Rows, Far West Texas, 2007
 2007 Projected Costs and Returns per Acre

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	Jan	1.49	1.76	1.05	0.84	0.08	0.83				5.97
Sundance Pull/Ripper	8 row	MFWD 170	0.059	1.00	Jan	1.85	1.50	0.48	1.37	0.05	0.60				5.80
Moldbord Plow	5 bottom	MFWD 170	0.366	1.00	Jan	9.67	9.25	0.88	1.41	0.36	3.67				24.88
Lister	8 row	MFWD 150	0.060	1.00	Feb	1.39	1.28	0.14	0.23	0.06	0.60				3.64
Disk Harrow	24'	MFWD 170	0.081	1.00	Feb	1.68	2.07	0.38	1.08	0.08	0.82				6.03
Bedder	8 row	MFWD 170	0.057	1.00	Mar	1.69	1.45	0.44	0.75	0.06	0.63				4.96
N-32 in Water	lb			1.00	Mar							26.0000	0.21	5.46	5.46
N-32 in Water	lb			1.00	Apr							26.0000	0.21	5.46	5.46
Bedder	8 row	MFWD 170	0.057	1.00	May	1.69	1.45	0.44	0.75	0.06	0.63				4.96
Plant - Rigid	8R-40	MFWD 170	0.070	1.00	May	1.45	1.78	0.50	1.29	0.14	1.40				6.42
Cotton Seed BTRR	lb											9.5000	3.97	37.72	37.72
rotary hoe	16 row	MFWD 150	0.011	1.00	May	0.20	0.23	0.01	0.04	0.01	0.11				0.59
rotary hoe	16 row	MFWD 150	0.011	1.00	Jun	0.20	0.23	0.01	0.04	0.01	0.11				0.59
Cultivate	8R-40	MFWD 170	0.077	1.00	Jun	1.59	1.95	0.25	0.89	0.07	0.77				5.45
N-32 in Water	lb			1.00	Jul							12.0000	0.21	2.52	2.52
Phosphoric Acid	lb											27.0000	0.29	7.83	7.83
rotary hoe	16 row	MFWD 150	0.011	1.00	Jul	0.20	0.23	0.01	0.04	0.01	0.11				0.59
HAND LABOR	hour			1.00	Jul						7.76				7.76
N-32 in Water	lb			1.00	Jul							29.0000	0.21	6.09	6.09
N-32 in Water	lb			1.00	Aug							24.0000	0.21	5.04	5.04
Custom Apply	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Cyclone Max	oz											3.0000	0.27	0.81	0.81
Prep	oz											8.0000	0.42	3.36	3.36
Custom Apply	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Cyclone Max	oz											17.0000	0.27	4.59	4.59
Aim	oz											0.3000	5.28	1.58	1.58
Boll Buggy-1st Pick	2R40"157hp	MFWD 190	0.488	0.25	Oct	2.82	3.48	0.47	1.29	0.12	1.22				9.28
Module Builder-1st	4R40255	2WD 150	0.246	0.25	Oct	1.09	1.14	0.33	0.90	0.12	1.24				4.70
cotton stripper	8R-40		0.145	1.00	Oct	6.11	13.86			0.14	1.46				21.43
Gin, Bag and Tie	Ac			1.00	Oct							1.0000	102.78	102.78	102.78
Pickup	each			1.00	Jan						3.30	0.0005			3.30
Application 1	ea							5.32				0.0006			5.32
Application 2	ea							5.32				0.0006			5.32
St. L Drip System	each			1.00	Mar				124.89			0.0010			124.89
Application 1	Ac-in							30.03		0.05	0.52	2.4000			30.55
Application 2	Ac-in							17.52		0.03	0.30	1.4000			17.82
Application 3	Ac-in							23.77		0.04	0.41	1.9000			24.18
Application 4	Ac-in							32.53		0.05	0.56	2.6000			33.09
Application 5	Ac-in							16.27		0.02	0.28	1.3000			16.55
Application 6	Ac-in							16.27		0.02	0.28	1.3000			16.55
Application 7	Ac-in							17.52		0.03	0.30	1.4000			17.82
Application 8	Ac-in							12.51		0.02	0.22	1.0000			12.73
TOTALS						33.12	41.66	182.45	139.11	2.48	24.83			191.24	612.41
INTEREST ON OPERATING CAPITAL															22.10
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															634.51

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

Table 2.D Estimated costs and returns per Ac
St. Lawrence Conventional Cotton
Drip Irrigated 40 inch Rows, Far West Texas, 2007
2007 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.54	1326.0000	716.04	_____
Cotton Seed	lb	0.06	2062.0000	134.03	_____

TOTAL INCOME				850.07	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
Custom Apply	acre	4.00	2.0000	8.00	_____
HARVEST AIDS					
Cyclone Max	oz	0.27	20.0000	5.40	_____
Prep	oz	0.42	8.0000	3.36	_____
Aim	oz	5.28	0.3000	1.58	_____
FERTILIZERS					
N-32 in Water	lb	0.21	117.0000	24.57	_____
Phosphoric Acid	lb	0.29	27.0000	7.83	_____
SEED/PLANTS					
Cotton Seed BtRR	lb	3.97	9.5000	37.72	_____
Custom					
Gin, Bag and Tie	Ac	102.78	1.0000	102.78	_____
OPERATOR LABOR					
Tractors	hour	10.00	1.1300	11.30	_____
Self-Propelled	hour	10.00	0.1459	1.46	_____
St. L Drip System	hour	10.00	0.2872	2.87	_____
HAND LABOR					
Special Labor	hour	10.00	0.7764	7.76	_____
Implements	hour	10.00	0.1434	1.44	_____
DIESEL FUEL					
Tractors	gal	2.00	11.7975	23.59	_____
Self-Propelled	gal	2.00	1.3135	2.63	_____
ELECTRICITY					
St. L Drip System	kWh	0.13	1177.8480	153.12	_____
GASOLINE					
Pickup	gal	2.25	4.0200	9.04	_____
REPAIR & MAINTENANCE					
Implements	Ac	5.39	1.0000	5.39	_____
Tractors	Ac	3.42	1.0000	3.42	_____
Self-Propelled	Ac	3.48	1.0000	3.48	_____
St. L Drip System	Ac-in	1.00	13.3000	13.30	_____
Pickup	ea	1200.00	0.0013	1.60	_____
INTEREST ON OP. CAP.	Ac	22.10	1.0000	22.10	_____

TOTAL DIRECT EXPENSES				453.74	_____
RETURNS ABOVE DIRECT EXPENSES				396.33	_____
FIXED EXPENSES					
Implements	Ac	10.92	1.0000	10.92	_____
Tractors	Ac	27.80	1.0000	27.80	_____
Self-Propelled	Ac	13.86	1.0000	13.86	_____
St. L Drip System	each	*****.**	0.0010	124.89	_____
Pickup	each	6594.91	0.0005	3.30	_____

TOTAL FIXED EXPENSES				180.77	_____

TOTAL SPECIFIED EXPENSES				634.51	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				215.56	_____
RESIDUAL ITEMS					
Lease value - Drip	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				165.56	_____

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