

*Projections for Planning Purposes Only  
Not to be Used without Updating after December 15, 2002*

B-1241 (C6)

Table 2.A Estimated costs and returns per  
St. Lawrence Drip Irrigation Solid Planted Cotton  
2002 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
cotton seed	lb	0.04	1660.0000	66.40	-----
cotton lint	lb.	0.40	1000.0000	400.00	-----
				-----	
TOTAL INCOME				466.40	-----
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	acre	18.00	1.0000	18.00	-----
HERBICIDES					
RU banded with repla	pt.	1.00	0.8000	0.80	-----
roundup	pt	2.67	2.0000	5.34	-----
RU banded w/ planter	pt.	1.00	1.0000	1.00	-----
pix	qts.	1.00	8.0000	8.00	-----
death and prep	pints	1.00	10.0000	10.00	-----
cyclone defoliant	oz.	0.25	22.0000	5.50	-----
INSECTICIDES					
flea hopper insect	pts.	1.00	0.5000	0.50	-----
HARVEST					
cttn hvst. var. cost	lb.	0.05	1000.0000	50.00	-----
custom ginning	lb.	0.09	1000.0000	90.00	-----
FERTILIZER					
nitrogen	pounds	0.15	90.0000	13.50	-----
phosphate	lb.	0.29	35.0000	10.15	-----
sulphuric acid	lb.	1.00	2.0000	2.00	-----
OPERATOR LABOR					
Tractors	hour	5.75	2.5367	14.58	-----
Self-Propelled Eq.	hour	5.75	1.0000	5.75	-----
IRRIGATION LABOR					
irrigation water	hour	5.75	3.4000	19.55	-----
DIESEL FUEL					
Tractors	gal	1.10	19.8889	21.87	-----
Self-Propelled Eq.	gal	1.10	10.0000	11.00	-----
REPAIR & MAINTENANCE					
Implements		9.98	1.0000	9.98	-----
Tractors		16.58	1.0000	16.58	-----
Self-Propelled Eq.		0.80	1.0000	0.80	-----
INTEREST ON OP. CAP.		12.83	1.0000	12.83	-----
				-----	
TOTAL DIRECT EXPENSES				363.00	-----
RETURNS ABOVE DIRECT EXPENSES				103.39	-----
FIXED EXPENSES					
Implements		18.09	1.0000	18.09	-----
Tractors		35.08	1.0000	35.08	-----
Self-Propelled Eq.		3.81	1.0000	3.81	-----
cotton harvester FC		6.75	1.0000	6.75	-----
irrigation water	in/ac	7.99	17.0000	135.83	-----
				-----	
TOTAL FIXED EXPENSES				199.57	-----
				-----	
TOTAL SPECIFIED EXPENSES				562.58	-----
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-96.18	-----
ALLOCATED COST ITEMS					
Prop. Tax Irrigated	acre	50.00	1.0000	50.00	-----
RESIDUAL RETURNS				-146.18	-----

Universal Parameters for District 6 were taken from District 8.

Table 2.B Estimated resource use and costs for field operations, per

St. Lawrence Drip Irrigation Solid Planted Cotton

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2002 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		150	0.597	1.00	Dec	9.12	8.54	0.93	3.14	0.597	3.43				25.19
chisel		180	0.133	1.00	Jan	1.94	1.50	0.23	0.50	0.133	0.76				4.95
springtooth harrow		150	0.166	1.00	Jan	2.54	2.38	0.77	1.62	0.166	0.95				8.29
lister	8 row	180	0.133	1.00	Feb	1.94	1.50	0.69	1.10	0.133	0.76				6.00
row cultivator		150	0.103	1.00	Feb	1.57	1.47	0.49	0.77	0.103	0.59				4.90
fertilizer rig		150	0.033	1.00	Feb	0.51	0.48	0.01	0.04	0.033	0.19				1.24
nitrogen	pounds											90.0000	0.15	13.50	13.50
phosphate	lb.											35.0000	0.29	10.15	10.15
sulphuric acid	lb.											2.0000	1.00	2.00	2.00
planter / replanter		150	0.137	1.00	May	2.09	1.96	2.17	3.46	0.137	0.79				10.50
seed (1st plant. Bt)	lb.											12.0000	2.35	28.20	28.20
replant row cultivat		150	0.137	1.00	Jun	2.09	1.96	1.17	1.91	0.137	0.79				7.95
planter / replanter		150	0.137	1.00	Jun	2.09	1.96	2.17	3.46	0.137	0.79				10.50
seed (2nd plant. Bt)	lb.											3.0000	2.35	7.05	7.05
RU banded with repla	pt.											0.8000	1.00	0.80	0.80
3-point sprayer		150	0.125	1.00	Jun	1.90	1.78	0.05	0.08	0.125	0.71				4.54
roundup	pt											1.0000	2.67	2.67	2.67
RU banded w/ planter	pt.											1.0000	1.00	1.00	1.00
3-point sprayer		150	0.125	1.00	Jun	1.90	1.78	0.05	0.08	0.125	0.71				4.54
roundup	pt											1.0000	2.67	2.67	2.67
row cultivator		150	0.103	1.00	Jul	1.57	1.47	0.49	0.77	0.103	0.59				4.90
3-point sprayer		180	0.125	1.00	Aug	1.82	1.41	0.05	0.08	0.125	0.71				4.08
pix	qts.											8.0000	1.00	8.00	8.00
row cultivator		150	0.103	1.00	Aug	1.57	1.47	0.49	0.77	0.103	0.59				4.90
3-point sprayer		150	0.125	1.00	Sep	1.90	1.78	0.05	0.08	0.125	0.71				4.54
flea hopper insect	pts.											0.5000	1.00	0.50	0.50
3-point sprayer		150	0.125	1.00	Oct	1.90	1.78	0.05	0.08	0.125	0.71				4.54
death and prep	pints											10.0000	1.00	10.00	10.00
3-point sprayer		150	0.125	1.00	Oct	1.90	1.78	0.05	0.08	0.125	0.71				4.54
cyclone defoliant	oz.											22.0000	0.25	5.50	5.50
crop insurance	acre												18.00		
crop insurance	acre			1.00	Nov							1.0000	18.00	18.00	18.00
module builder			1.000	1.00	Nov			11.80	3.81	1.000	5.75				21.36
cttn hvst. var. cost	lb.											1000.0000	0.05	50.00	50.00
custom ginning	lb.											1000.0000	0.09	90.00	90.00
cotton harvester	FC acre			0.00	Nov				6.75						6.75
irrigation water	in/ac			1.00	Nov				135.83	3.400	19.55	17.0000			155.38

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TOTALS	38.46	35.08	21.78	164.49	6.936	39.88	250.04	549.74
INTEREST ON OPERATING CAPITAL								12.83
UNALLOCATED LABOR								0.00
TOTAL SPECIFIED COST								562.58

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