

Table 6.A Estimated costs and returns per acre
St. Lawrence Drip Irrigated Sunflowers
2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sunflower	lb.	0.14	1850.0000	259.00	_____
TOTAL INCOME				259.00	_____
DIRECT EXPENSES					
SEED					
sunflower	lb.	1.11	9.7000	10.76	_____
CUSTOM					
Spray Head Moth	acre	4.50	2.0000	9.00	_____
custom combine	acre	20.00	1.0000	20.00	_____
custom hauling	ton	16.00	0.9250	14.80	_____
FERTILIZER					
N32 in water	lb.	0.18	50.0000	9.00	_____
Preharvest Chemical					
Prowl Banded	quart	1.50	1.0000	1.50	_____
Parathon/Scout extra	pint	8.50	2.0000	17.00	_____
OPERATOR LABOR					
Implements	hour	7.00	0.1372	0.96	_____
Tractors	hour	7.00	0.3550	2.48	_____
IRRIGATION LABOR					
irrig- elec(ST L. SDI	hour	7.00	0.1593	1.11	_____
DIESEL FUEL					
Tractors	gal	1.10	2.8300	3.11	_____
ELECTRICITY					
irrig- elec(ST L. SDI	kWh	0.09	797.0004	71.73	_____
REPAIR & MAINTENANCE					
Implements	acre	2.93	1.0000	2.93	_____
Tractors	acre	1.84	1.0000	1.84	_____
irrig- elec(ST L. SDI	ac-in	1.00	9.0000	9.00	_____
INTEREST ON OP. CAP.	acre	3.81	1.0000	3.81	_____
TOTAL DIRECT EXPENSES				179.06	_____
RETURNS ABOVE DIRECT EXPENSES				79.93	_____
FIXED EXPENSES					
Implements	acre	10.18	1.0000	10.18	_____
Tractors	acre	6.95	1.0000	6.95	_____
irrig- elec(ST L. SDI	acre	60.83	1.0000	60.83	_____
TOTAL FIXED EXPENSES				77.97	_____
TOTAL SPECIFIED EXPENSES				257.03	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				1.96	_____
ALLOCATED COST ITEMS					
cash rent - sunflowe	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				-48.03	_____

Table 6.B Estimated resource use and costs for field operations, per acre
 St. Lawrence Drip Irrigated Sunflowers
 2003 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
stalk chopper/bedder		180	0.057	1.00	Jan	0.86	1.08	0.35	0.41	0.125	0.88					3.60
irrg- elec(ST L. SDI ac-in				1.00	Feb			13.45	60.83	0.026	0.18	1.5000				74.47
irrg- elec(ST L. SDI ac-in				1.00	Mar			13.45		0.026	0.18	1.5000				13.64
bedder		180	0.057	1.00	Apr	0.86	1.08	0.44	0.64	0.125	0.88					3.91
planter / replanter- 8 row		150	0.137	1.00	Apr	1.84	2.73	1.93	8.46	0.137	0.96					15.93
irrg- elec(ST L. SDI ac-in								17.94		0.035	0.24	2.0000				18.18
sunflower	lb.											9.7000	1.11	10.76		10.76
Prowl Banded	quart											1.0000	1.50	1.50		1.50
row cultivator-		150	0.103	1.00	May	1.38	2.05	0.20	0.66	0.103	0.72					5.02
irrg- elec(ST L. SDI ac-in				1.00	May			17.94		0.035	0.24	2.0000				18.18
N32 in water	lb.											50.0000	0.18	9.00		9.00
irrg- elec(ST L. SDI ac-in				1.00	Jun			17.94		0.035	0.24	2.0000				18.18
Parathon/Scout extra	pint			1.00	Jun							1.0000	8.50	8.50		8.50
Spray Head Moth	acre											1.0000	4.50	4.50		4.50
Parathon/Scout extra	pint			1.00	Jul							1.0000	8.50	8.50		8.50
Spray Head Moth	acre											1.0000	4.50	4.50		4.50
custom combine	acre			1.00	Aug							1.0000	20.00	20.00		20.00
custom hauling	ton											0.9250	16.00	14.80		14.80
TOTALS						4.96	6.95	83.66	71.01	0.651	4.56				82.06	253.22
INTEREST ON OPERATING CAPITAL																3.81
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																257.03