

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

B-1241 (C6)

Table 7.A Estimated costs and returns per acre  
St. Lawrence Sunflowers  
Drip Irrigated, 40 inch rows, Far West Texas, 2010

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Sunflowers	cwt.	20.00	18.5000	370.00	_____
				-----	
TOTAL INCOME				370.00	_____
DIRECT EXPENSES					
FERTILIZERS					
Urea, Solid (46% N)	cwt	21.03	1.7400	36.60	_____
Phosphate 0-46-0	lb	0.55	65.0000	35.75	_____
HERBICIDES					
Prowl 3.3 EC	pt	3.62	2.4000	8.70	_____
INSECTICIDES					
Lorsban 4E	pt	5.12	3.0000	15.38	_____
SEED/PLANTS					
Sunflower Seed	lb	12.00	9.5000	114.00	_____
CUSTOM HIRE					
Custom Spray	acre	4.00	2.0000	8.00	_____
Custom Combining	ac	16.50	1.0000	16.50	_____
Haul Sunflowers	cwt	0.74	18.5000	13.69	_____
Operator Labor					
Tractors	hour	11.00	0.3238	3.56	_____
Irrigation Labor					
St. L Drip System	hour	11.00	2.0844	22.94	_____
Hand Labor					
Implements	hour	9.00	0.0704	0.63	_____
DIESEL FUEL					
Tractors	gal	2.20	2.6293	5.78	_____
ELECTRICITY					
St. L Drip System	kWh	0.12	385.6140	46.26	_____
REPAIR & MAINTENANCE					
Implements	acre	1.99	1.0000	1.99	_____
Tractors	acre	0.87	1.0000	0.87	_____
St. L Drip System	ac-in	2.10	9.0000	18.90	_____
INTEREST ON OP. CAP.	acre	13.28	1.0000	13.28	_____
				-----	
TOTAL DIRECT EXPENSES				362.83	_____
RETURNS ABOVE DIRECT EXPENSES				7.17	_____
FIXED EXPENSES					
Implements	acre	2.52	1.0000	2.52	_____
Tractors	acre	5.45	1.0000	5.45	_____
St. L Drip System	each	23162.58	0.0100	231.63	_____
				-----	
TOTAL FIXED EXPENSES				239.60	_____
				-----	
TOTAL SPECIFIED EXPENSES				602.43	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-232.43	_____
RESIDUAL ITEMS					
Lease value - Drip	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				-282.43	_____

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

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Table 7.B Estimated resource use and costs for field operations, per acre  
 St. Lawrence Sunflowers  
 Drip Irrigated, 40 inch rows, Far West Texas, 2010

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Jan	1.62	1.35	1.05	0.64	0.08	0.91				5.57
Fert Spreader (dry)		2WD 50	0.033	1.00	Mar	0.21	0.11	0.02	0.03	0.03	0.37				0.74
Urea, Solid (46% N)	cwt											1.7400	21.03	36.60	36.60
Phosphate 0-46-0	lb											65.0000	0.55	35.75	35.75
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 - Rigid	8R-40	MFWD 170	0.070	1.00	Apr	1.58	1.39	0.50	0.98	0.14	1.40				5.85
Sunflower Seed	lb											9.5000	12.00	114.00	114.00
Prowl 3.3 EC	pt											2.4000	3.62	8.70	8.70
Cultivate	8R-40	MFWD 190	0.077	1.00	May	1.93	1.72	0.25	0.68	0.07	0.85				5.43
Custom Spray	acre			1.00	Jun							1.0000	4.00	4.00	4.00
Lorsban 4E	pt											1.5000	5.12	7.69	7.69
Custom Spray	acre			1.00	Jul							1.0000	4.00	4.00	4.00
Lorsban 4E	pt											1.5000	5.12	7.69	7.69
Custom Combining	ac			1.00	Aug							1.0000	16.50	16.50	16.50
Haul Sunflowers	cwt											18.5000	0.74	13.69	13.69
St. L Drip System	each			1.00	Feb				231.63			0.0100			231.63
Application 1	ac-in							10.86		0.34	3.82	1.5000			14.68
Application 2	ac-in							10.86		0.34	3.82	1.5000			14.68
Application 3	ac-in							14.48		0.46	5.10	2.0000			19.58
Application 4	ac-in							14.48		0.46	5.10	2.0000			19.58
Application 5	ac-in							14.48		0.46	5.10	2.0000			19.58
TOTALS						6.65	5.45	67.15	234.15	2.47	27.13			248.62	589.15
INTEREST ON OPERATING CAPITAL															13.28
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															602.43

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