

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2011*

B-1241 (C6)

Table 4.D Estimated costs and returns per acre
St. Lawrence Sunflowers
Drip Irrigated, 40 inch rows, Far West Texas, 2011

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Sunflowers	cwt.	22.00	18.5000	407.00	_____

TOTAL INCOME				407.00	_____
DIRECT EXPENSES					
FERTILIZERS					
Urea, Solid (46% N)	cwt	24.86	1.7400	43.26	_____
Phosphate 0-46-0	lb	0.55	65.0000	35.75	_____
HERBICIDES					
Prowl 3.3 EC	pt	3.19	2.4000	7.66	_____
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	12.00	0.3238	3.89	_____
Irrigation Labor					
St. L Drip System	hour	11.00	2.0844	22.94	_____
Hand Labor					
Implements	hour	10.00	0.0704	0.70	_____
DIESEL FUEL					
Tractors	gal	2.46	2.6293	6.47	_____
ELECTRICITY					
St. L Drip System	kWh	0.15	385.6140	57.83	_____
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	16.01	1.0000	16.01	_____

TOTAL DIRECT EXPENSES				383.84	_____
RETURNS ABOVE DIRECT EXPENSES				23.16	_____
FIXED EXPENSES					
Implements	acre	2.71	1.0000	2.71	_____
Tractors	acre	5.81	1.0000	5.81	_____
St. L Drip System	each	24740.38	0.0100	247.40	_____

TOTAL FIXED EXPENSES				255.92	_____

TOTAL SPECIFIED EXPENSES				639.76	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-232.76	_____
RESIDUAL ITEMS					
Lease value - Drip	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				-282.76	_____

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

Table 4.A Estimated resource use and costs for field operations, per acre
 St. Lawrence Sunflowers
 Drip Irrigated, 40 inch rows, Far West Texas, 2011

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	1.79	1.44	1.05	0.69	0.08	0.99				5.96
Fert Spreader (dry)		2WD 50	0.033	1.00	Mar	0.23	0.12	0.02	0.04	0.03	0.40				0.81
Urea, Solid (46% N)	cwt											1.7400	24.86	43.26	43.26
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	1.45	0.94	0.17	0.21	0.06	0.72				3.49
Plant - Rigid	8R-40	MFWD 170	0.070	1.00	Apr	1.74	1.48	0.50	1.05	0.14	1.55				6.32
Sunflower Seed	lb											9.5000	12.00	114.00	114.00
Prowl 3.3 EC	pt											2.4000	3.19	7.66	7.66
Cultivate	8R-40	MFWD 190	0.077	1.00	May	2.13	1.83	0.25	0.72	0.07	0.93				5.86
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				247.40			0.0100			247.40
Application 1	ac-in							12.79		0.34	3.82	1.5000			16.61
Application 2	ac-in							12.79		0.34	3.82	1.5000			16.61
Application 3	ac-in							17.05		0.46	5.10	2.0000			22.15
Application 4	ac-in							17.05		0.46	5.10	2.0000			22.15
Application 5	ac-in							17.05		0.46	5.10	2.0000			22.15
TOTALS						7.34	5.81	78.72	250.11	2.47	27.53			254.24	623.75
INTEREST ON OPERATING CAPITAL															16.01
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															639.76

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