

*Projections for Planning Purposes Only
Not to be Used without Updating after November 1, 2005*

B-1241 (C1&2)

Table 20.A Estimated costs and returns per Acre
Confectionary Sunflowers, Sprinkler Irrigated
2006 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Conf. Sunflowers	cwt	17.00	18.0000	306.00	_____

TOTAL INCOME				306.00	_____
DIRECT EXPENSES					
SEED					
conf. sunflower seed	acre	20.00	1.0000	20.00	_____
HERBICIDE					
herb. & appl - sunfl	acre	12.00	1.0000	12.00	_____
FERTILIZER					
fert(N) - dry	lb.	0.39	100.0000	39.00	_____
fert(P) - dry	lb.	0.31	30.0000	9.30	_____
CUSTOM					
fert appl - dry	acre	4.50	1.0000	4.50	_____
insec+appl-sunflow1	appl	16.00	1.0000	16.00	_____
insec+appl-sunflow2	appl	16.00	1.0000	16.00	_____
cust harv - sunflowi	acre	18.00	1.0000	18.00	_____
cust haul - sunflowe	cwt.	0.30	18.0000	5.40	_____
OPERATOR LABOR					
Implements	hour	8.00	1.5193	12.15	_____
Tractors	hour	8.00	1.4810	11.84	_____
HAND LABOR					
Implements	hour	8.00	0.2149	1.71	_____
IRRIGATION LABOR					
Center Pivot	ac-in	8.00	0.4160	3.32	_____
DIESEL FUEL					
Tractors	gal	2.16	6.7799	14.64	_____
GASOLINE					
Pickup	gal	2.20	4.5225	9.94	_____
IRRIGATION ENERGY					
Center Pivot	ac-in	10.00	6.5000	65.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	16.93	1.0000	16.93	_____
Tractors	Acre	16.60	1.0000	16.60	_____
Pickup	Acre	0.37	1.0000	0.37	_____
Center Pivot	ac-in	2.03	6.5000	13.19	_____
INTEREST ON OP. CAP.	Acre	9.95	1.0000	9.95	_____
TOTAL DIRECT EXPENSES				315.91	_____
RETURNS ABOVE DIRECT EXPENSES				-9.91	_____
FIXED EXPENSES					
Implements	Acre	28.25	1.0000	28.25	_____
Tractors	Acre	26.73	1.0000	26.73	_____
Pickup	Acre	0.63	1.0000	0.63	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
TOTAL FIXED EXPENSES				89.22	_____
TOTAL SPECIFIED EXPENSES				405.14	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-99.14	_____
ALLOCATED COST ITEMS					
cash rent-sunfloweri	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-144.14	_____

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Assumptions: Assumes 15,000 seeds/acre

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Table 20.B Estimated resource use and costs for field operations, per Acre
 Confectionary Sunflowers, Sprinkler Irrigated
 2006 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-----				
shredder	4 row	40	0.209	1.00	Dec	2.52	1.88	0.80	2.54	0.460	3.68					11.45
chisel		125	0.099	1.00	Jan	3.02	2.74	0.69	1.24	0.219	1.75					9.45
disc	tandem	100	0.138	1.00	Feb	3.45	3.18	1.52	2.40	0.303	2.42					12.99
fert appl - dry	acre			1.00	Mar							1.0000	4.50	4.50		4.50
fert(N) - dry	lb.											100.0000	0.39	39.00		39.00
fert(P) - dry	lb.											30.0000	0.31	9.30		9.30
disc	tandem	100	0.138	1.00	Apr	3.45	3.18	1.52	2.40	0.303	2.42					12.99
sprayer	mounted	100	0.157	1.00	Apr	3.94	3.64	1.68	2.12	0.315	2.52					13.92
herb. & appl - sunfl	acre											1.0000	12.00	12.00		12.00
lister	20 ft	100	0.114	1.00	Apr	2.86	2.64	0.57	0.90	0.251	2.01					8.99
Center Pivot	ac-in			1.00	Apr			24.06	33.60	0.128	1.02	2.0000				58.68
rod weeder	8 row	100	0.077	1.00	May	1.93	1.79	1.11	2.00	0.170	1.36					8.21
Pickup Truck	3/4 ton		0.006	45.00	May			10.32	0.63							10.95
bed planter		125	0.057	1.00	May	1.73	1.57	2.02	3.63	0.114	0.91					9.88
conf. sunflower seed	acre											1.0000	20.00	20.00		20.00
sand fighter		40	0.057	1.00	May	0.69	0.51	0.18	0.29	0.125	1.00					2.69
rotary hoe	8 row	75	0.077	1.00	May	1.36	0.99	0.74	1.16	0.170	1.36					5.64
cultivator	8 row	75	0.118	1.00	Jun	2.08	1.52	2.01	3.17	0.259	2.07					10.88
Center Pivot	ac-in			1.00	Jun			18.04		0.096	0.76	1.5000				18.81
insec+appl-sunflow1	appl			1.00	Jun							1.0000	16.00	16.00		16.00
insec+appl-sunflow2	appl			1.00	Jun							1.0000	16.00	16.00		16.00
cultivator	8 row	75	0.118	1.00	Jul	2.08	1.52	2.01	3.17	0.259	2.07					10.88
Center Pivot	ac-in			1.00	Jul			18.04		0.096	0.76	1.5000				18.81
cultivator	8 row	75	0.118	1.00	Jul	2.08	1.52	2.01	3.17	0.259	2.07					10.88
Center Pivot	ac-in			1.00	Jul			18.04		0.096	0.76	1.5000				18.81
cust harv - sunflowi	acre			1.00	Sep							1.0000	18.00	18.00		18.00
cust haul - sunflowe	cwt.											18.0000	0.30	5.40		5.40
TOTALS						31.24	26.73	105.45	62.49	3.631	29.04			140.20		395.18
INTEREST ON OPERATING CAPITAL																9.95
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																405.14

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