

*Projections for Planning Purposes Only  
Not to be Used without Updating  
after November 1, 2006*

B-1241 (C1&2)

Table 20.A Estimated costs and returns per Acre  
Confectionary Sunflowers, Sprinkler Irrigated  
2007 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Conf. Sunflowers	cwt	16.00	18.0000	288.00	_____
				-----	
TOTAL INCOME				288.00	_____
DIRECT EXPENSES					
SEED					
conf. sunflower seed	acre	20.00	1.0000	20.00	_____
HERBICIDE					
herb. & appl - sunfl	acre	15.00	1.0000	15.00	_____
FERTILIZER					
fert(N) - dry	lb.	0.35	80.0000	28.00	_____
fert(P) - dry	lb.	0.30	30.0000	9.00	_____
CUSTOM					
fert appl - dry	acre	4.50	1.0000	4.50	_____
insec+appl-sunflow1	appl	14.00	1.0000	14.00	_____
insec+appl-sunflow2	appl	14.00	1.0000	14.00	_____
cust harv-sunfl irri	acre	18.00	1.0000	18.00	_____
cust haul-sunfl irri	cwt.	0.30	18.0000	5.40	_____
OPERATOR LABOR					
Implements	hour	9.10	1.5193	13.82	_____
Tractors	hour	9.10	1.4810	13.47	_____
HAND LABOR					
Implements	hour	9.10	0.2149	1.95	_____
IRRIGATION LABOR					
Center Pivot	hour	9.10	0.4480	4.07	_____
DIESEL FUEL					
Tractors	gal	2.00	6.7799	13.55	_____
GASOLINE					
Pickup	gal	2.25	4.5225	10.17	_____
IRRIGATION ENERGY					
Center Pivot	ac-in	8.30	7.0000	58.10	_____
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	7.0000	14.21	_____
INTEREST ON OP. CAP.	Acre	11.48	1.0000	11.48	_____
				-----	
TOTAL DIRECT EXPENSES				302.68	_____
RETURNS ABOVE DIRECT EXPENSES				-14.68	_____
FIXED EXPENSES					
Implements	Acre	30.17	1.0000	30.17	_____
Tractors	Acre	29.23	1.0000	29.23	_____
Pickup	Acre	0.69	1.0000	0.69	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				93.70	_____
				-----	
TOTAL SPECIFIED EXPENSES				396.38	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-108.38	_____
ALLOCATED COST ITEMS					
cash rent-sunfloweri	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-153.38	_____

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*Information presented is prepared solely as a general guide not intended to recognize or predict the costs returns from any one operation.  
these projections were collected developed by TCE staff approved for publication.*

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Table 20.B Estimated resource use and costs for field operations, per Acre  
 Confectionary Sunflowers, Sprinkler Irrigated  
 2007 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-----															
shredder	4 row	40	0.209	1.00	Dec	2.44	2.06	0.80	2.71	0.460	4.19				12.22
disc	tandem	100	0.138	1.00	Jan	3.33	3.48	1.52	2.56	0.303	2.76				13.66
chisel		125	0.099	1.00	Feb	2.91	2.99	0.69	1.32	0.219	1.99				9.93
fert appl - dry	acre			1.00	Mar							1.0000	4.50	4.50	4.50
fert(N) - dry	lb.											80.0000	0.35	28.00	28.00
fert(P) - dry	lb.											30.0000	0.30	9.00	9.00
disc	tandem	100	0.138	1.00	Apr	3.33	3.48	1.52	2.56	0.303	2.76				13.66
sprayer	mounted	100	0.157	1.00	Apr	3.80	3.98	1.68	2.27	0.315	2.87				14.62
herb. & appl - sunfl	acre											1.0000	15.00	15.00	15.00
lister	20 ft	100	0.114	1.00	Apr	2.76	2.89	0.57	0.96	0.251	2.29				9.48
Center Pivot	ac-in			1.00	Apr			20.66	33.60	0.128	1.16	2.0000			55.42
rod weeder	8 row	100	0.077	1.00	May	1.87	1.95	1.11	2.13	0.170	1.55				8.63
Pickup Truck	3/4 ton		0.006	45.00	May			10.54	0.69						11.24
bed planter		125	0.057	1.00	May	1.67	1.72	2.02	3.88	0.114	1.04				10.34
conf. sunflower seed	acre											1.0000	20.00	20.00	20.00
sand fighter		40	0.057	1.00	May	0.66	0.56	0.18	0.31	0.125	1.14				2.88
rotary hoe	8 row	75	0.077	1.00	May	1.31	1.09	0.74	1.24	0.170	1.55				5.95
cultivator	8 row	75	0.118	1.00	Jun	2.01	1.66	2.01	3.39	0.259	2.36				11.45
Center Pivot	ac-in			1.00	Jun			15.49		0.096	0.87	1.5000			16.36
insec+appl-sunflow1	appl			1.00	Jun							1.0000	14.00	14.00	14.00
insec+appl-sunflow2	appl			1.00	Jun							1.0000	14.00	14.00	14.00
cultivator	8 row	75	0.118	1.00	Jul	2.01	1.66	2.01	3.39	0.259	2.36				11.45
Center Pivot	ac-in			1.00	Jul			15.49		0.096	0.87	1.5000			16.36
cultivator	8 row	75	0.118	1.00	Jul	2.01	1.66	2.01	3.39	0.259	2.36				11.45
Center Pivot	ac-in			1.00	Jul			20.66		0.128	1.16	2.0000			21.82
cust harv-sunfl irri	acre			1.00	Sep							1.0000	18.00	18.00	18.00
cust haul-sunfl irr	cwt.											18.0000	0.30	5.40	5.40
TOTALS						30.16	29.23	99.79	64.46	3.663	33.33			127.90	384.90
INTEREST ON OPERATING CAPITAL															11.48
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															396.38

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