

*Projections for Planning Purposes Only  
Not to be Used without Updating after October 15, 2004*

Table 24.A Estimated costs and returns per Acre  
Sunflowers, Sprinkler Irrigated  
2005 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sunflowers	cwt.	11.55	25.0000	288.75	_____
				-----	
TOTAL INCOME				288.75	_____
DIRECT EXPENSES					
SEED					
seed - sunflower	lb.	4.00	4.0000	16.00	_____
HERBICIDE					
herb. & appl - sunfl	acre	11.75	1.0000	11.75	_____
FERTILIZER					
fert(N) - dry	lb.	0.31	100.0000	31.00	_____
CUSTOM					
fert appl - dry	acre	3.30	1.0000	3.30	_____
insec+appl-sunflow1	appl	7.35	1.0000	7.35	_____
insec+appl-sunflow2	appl	16.66	1.0000	16.66	_____
cust harv - sunflowi	acre	16.50	1.0000	16.50	_____
cust haul - sunflowe	cwt.	0.28	25.0000	7.00	_____
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					
irrig.-CP(nat. gas)	hour	8.00	0.4160	3.32	_____
DIESEL FUEL					
Tractors	gal	1.73	6.7799	11.72	_____
GASOLINE					
Self-Propelled Eq.	gal	1.83	4.5225	8.27	_____
NATURAL GAS					
irrig.-CP(nat. gas)	Mcf	7.00	6.5000	45.50	_____
REPAIR & MAINTENANCE					
Implements	Acre	16.93	1.0000	16.93	_____
Tractors	Acre	16.60	1.0000	16.60	_____
Self-Propelled Eq.	Acre	0.37	1.0000	0.37	_____
irrig.-CP(nat. gas)	ac-in	2.03	6.5000	13.19	_____
INTEREST ON OP. CAP.	Acre	6.67	1.0000	6.67	_____
TOTAL DIRECT EXPENSES				257.90	_____
RETURNS ABOVE DIRECT EXPENSES				30.84	_____
FIXED EXPENSES					
Implements	Acre	26.80	1.0000	26.80	_____
Tractors	Acre	24.83	1.0000	24.83	_____
Self-Propelled Eq.	Acre	0.59	1.0000	0.59	_____
irrig.-CP(nat. gas)	Acre	33.60	1.0000	33.60	_____
TOTAL FIXED EXPENSES				85.82	_____
TOTAL SPECIFIED EXPENSES				343.73	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-54.98	_____
ALLOCATED COST ITEMS					
cash rent-sunfloweri	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-99.98	_____

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Table 24.B Estimated resource use and costs for field operations, per Acre  
Sunflowers, Sprinkler Irrigated  
2005 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
shredder	4 row	40	0.209	1.00	Dec	2.29	1.75	0.80	2.41	0.460	3.68				10.95
chisel		125	0.099	1.00	Jan	2.73	2.54	0.69	1.18	0.219	1.75				8.91
disc	tandem	100	0.138	1.00	Feb	3.13	2.96	1.52	2.27	0.303	2.42				12.32
fert appl - dry	acre			1.00	Mar							1.0000	3.30	3.30	3.30
fert(N) - dry	lb.											100.0000	0.31	31.00	31.00
disc	tandem	100	0.138	1.00	Apr	3.13	2.96	1.52	2.27	0.303	2.42				12.32
sprayer	mounted	100	0.157	1.00	Apr	3.57	3.38	1.68	2.01	0.315	2.52				13.19
herb. & appl - sunfl	acre											1.0000	11.75	11.75	11.75
lister	20 ft	100	0.114	1.00	Apr	2.59	2.45	0.57	0.85	0.251	2.01				8.49
irrig.-CP(nat. gas)	ac-in			1.00	Apr				18.06	33.60	0.128	1.02	2.0000		52.68
rod weeder	8 row	100	0.077	1.00	May	1.75	1.66	1.11	1.90	0.170	1.36				7.80
Pickup Truck	3/4 ton		0.006	45.00	May			8.64	0.59						9.23
bed planter		125	0.057	1.00	May	1.57	1.46	2.02	3.44	0.114	0.91				9.41
seed - sunflower	lb.											4.0000	4.00	16.00	16.00
sand fighter		40	0.057	1.00	May	0.62	0.47	0.18	0.28	0.125	1.00				2.58
rotary hoe	8 row	75	0.077	1.00	May	1.23	0.92	0.74	1.10	0.170	1.36				5.38
cultivator	8 row	75	0.118	1.00	Jun	1.88	1.41	2.01	3.01	0.259	2.07				10.41
irrig.-CP(nat. gas)	ac-in			1.00	Jun				13.54		0.76	1.5000			14.31
insec+appl-sunflow1	appl			1.00	Jun							1.0000	7.35	7.35	7.35
insec+appl-sunflow2	appl			1.00	Jun							1.0000	16.66	16.66	16.66
cultivator	8 row	75	0.118	1.00	Jul	1.88	1.41	2.01	3.01	0.259	2.07				10.41
irrig.-CP(nat. gas)	ac-in			1.00	Jul				13.54		0.76	1.5000			14.31
cultivator	8 row	75	0.118	1.00	Jul	1.88	1.41	2.01	3.01	0.259	2.07				10.41
irrig.-CP(nat. gas)	ac-in			1.00	Jul				13.54		0.76	1.5000			14.31
cust harv - sunflowi	acre			1.00	Sep							1.0000	16.50	16.50	16.50
cust haul - sunflowe	cwt.											25.0000	0.28	7.00	7.00
TOTALS						28.33	24.83	84.28	60.99	3.631	29.04			109.56	337.06
INTEREST ON OPERATING CAPITAL															6.67
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															343.73

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