

Table 13.A Estimated costs and returns per Acre  
 Sunflowers, Confectionary, Pivot Irrigated  
 2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Conf. Sunflowers	cwt	28.00	20.0000	560.00	_____
				-----	
TOTAL INCOME				560.00	_____
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)	lb.	0.50	80.0000	40.00	_____
fert. (P)	lb.	0.75	30.0000	22.50	_____
CUSTOM					
fert appl.	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	20.00	1.0000	20.00	_____
cust haul-sunfl dry	cwt.	0.30	20.0000	6.00	_____
OPERATOR LABOR					
Implements	hour	10.00	1.5193	15.19	_____
Tractors	hour	10.00	1.4810	14.81	_____
HAND LABOR					
Implements	hour	10.00	0.2149	2.14	_____
IRRIGATION LABOR					
Center Pivot	hour	10.00	0.4480	4.48	_____
DIESEL FUEL					
Tractors	gal	3.00	6.7799	20.33	_____
GASOLINE					
Self-Propelled Eq.	gal	3.00	4.5225	13.56	_____
IRRIGATION FUEL COST					
Center Pivot	ac-in	10.00	7.0000	70.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	16.93	1.0000	16.93	_____
Tractors	Acre	17.31	1.0000	17.31	_____
Self-Propelled Eq.	Acre	1.13	1.0000	1.13	_____
Center Pivot	ac-in	2.00	7.0000	14.00	_____
INTEREST ON OP. CAP.	Acre	8.76	1.0000	8.76	_____
TOTAL DIRECT EXPENSES				354.68	_____
RETURNS ABOVE DIRECT EXPENSES				205.31	_____
FIXED EXPENSES					
Implements	Acre	27.33	1.0000	27.33	_____
Tractors	Acre	26.71	1.0000	26.71	_____
Self-Propelled Eq.	Acre	2.34	1.0000	2.34	_____
Center Pivot	Acre	40.00	1.0000	40.00	_____
TOTAL FIXED EXPENSES				96.39	_____
TOTAL SPECIFIED EXPENSES				451.07	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				108.92	_____
ALLOCATED COST ITEMS					
cash rent-sunfloweri	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				58.92	_____

Projections for Planning Purposes Only.

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Not to be Used without Updating after January 1, 2011

B-1241 (C2)

Table 13.B Estimated resource use and costs for field operations, per Acre  
Sunflowers, Confectionary, Pivot Irrigated  
2011 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-----			
shredder	4 row	40	0.209	1.00	Dec	3.17	2.05	0.80	2.46	0.460	4.60				13.10
disc	tandem	100	0.138	1.00	Jan	4.21	3.27	1.52	2.32	0.303	3.03				14.38
chisel		125	0.099	1.00	Feb	3.64	2.72	0.69	1.20	0.219	2.19				10.45
fert appl.	acre			1.00	Mar							1.0000	4.50	4.50	4.50
fert. (N)	lb.											80.0000	0.50	40.00	40.00
fert. (P)	lb.											30.0000	0.75	22.50	22.50
disc	tandem	100	0.138	1.00	Apr	4.21	3.27	1.52	2.32	0.303	3.03				14.38
sprayer	mounted	100	0.157	1.00	Apr	4.82	3.74	1.68	2.05	0.315	3.15				15.46
herb. & appl - sunfl	acre											1.0000	15.00	15.00	15.00
lister	20 ft	100	0.114	1.00	Apr	3.50	2.72	0.57	0.87	0.251	2.51				10.18
Center Pivot	ac-in			1.00	Apr				24.00	40.00	0.128	1.28	2.0000		65.28
rod weeder	8 row	100	0.077	1.00	May	2.36	1.84	1.11	1.93	0.170	1.70				8.96
Pickup Truck	3/4 ton		0.006	45.00	May				14.69	2.34					17.04
bed planter		125	0.057	1.00	May	2.09	1.56	2.02	3.51	0.114	1.14				10.33
conf. sunflower seed	acre											1.0000	20.00	20.00	20.00
sand fighter		40	0.057	1.00	May	0.86	0.56	0.18	0.28	0.125	1.25				3.16
rotary hoe	8 row	75	0.077	1.00	May	1.56	0.88	0.74	1.13	0.170	1.70				6.03
cultivator	8 row	75	0.118	1.00	Jun	2.39	1.35	2.01	3.07	0.259	2.59				11.43
Center Pivot	ac-in			1.00	Jun				18.00	0.096	0.96	1.5000			18.96
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	2.39	1.35	2.01	3.07	0.259	2.59				11.43
Center Pivot	ac-in			1.00	Jul				18.00	0.096	0.96	1.5000			18.96
cultivator	8 row	75	0.118	1.00	Jul	2.39	1.35	2.01	3.07	0.259	2.59				11.43
Center Pivot	ac-in			1.00	Jul				24.00	0.128	1.28	2.0000			25.28
cust harv-sunfl irri	acre			1.00	Sep							1.0000	20.00	20.00	20.00
cust haul-sunfl dry	cwt.											20.0000	0.30	6.00	6.00
TOTALS						37.64	26.71	115.63	69.68	3.663	36.63			156.00	442.31
INTEREST ON OPERATING CAPITAL															8.76
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															451.07

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