

Table 20.A Estimated costs and returns per Acre
Confectionary Sunflowers, Sprinkler Irrigated, Strip-ti
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Conf. Sunflowers	cwt	26.00	18.0000	468.00	_____

TOTAL INCOME				468.00	_____
DIRECT EXPENSES					
SEED					
conf. sunflower seed	acre	28.00	1.0000	28.00	_____
INSECTICIDE					
seed insect.-sunflc	acre	6.72	1.0000	6.72	_____
HERBICIDE					
glyphosphate	acre	4.48	3.0000	13.44	_____
2-4D	acre	1.71	1.0000	1.71	_____
Prowl H2O	acre	8.65	1.0000	8.65	_____
FERTILIZER					
fert(N) - liquid	lb.	0.57	70.0000	39.90	_____
fert(P) - liquid	lb.	0.71	24.0000	17.04	_____
CUSTOM					
herb application	acre	5.00	3.0000	15.00	_____
Pesticide appl	acre	5.00	1.0000	5.00	_____
cust harv-sunfl	acre	26.00	1.0000	26.00	_____
cust haul-sunfl	cwt.	0.35	18.0000	6.30	_____
CROP INSURANCE					
sunflowers - irr.	acre	12.00	1.0000	12.00	_____
Pesticide					
ammo - pest	acre	3.51	1.0000	3.51	_____
OPERATOR LABOR					
Implements	hour	10.30	0.1440	1.48	_____
Tractors	hour	10.30	0.1772	1.82	_____
HAND LABOR					
Implements	hour	10.30	0.0572	0.58	_____
IRRIGATION LABOR					
Center Pivot	hour	10.30	0.4480	4.61	_____
DIESEL FUEL					
Tractors	gal	2.65	1.5562	4.12	_____
GASOLINE					
Self-Propelled Eq.	gal	2.73	4.5225	12.34	_____
NATURAL GAS					
Center Pivot	Mcf	4.75	7.0000	33.25	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.80	1.0000	2.80	_____
Tractors	Acre	3.28	1.0000	3.28	_____
Self-Propelled Eq.	Acre	0.37	1.0000	0.37	_____
Center Pivot	ac-in	2.03	7.0000	14.21	_____
INTEREST ON OP. CAP.	Acre	3.21	1.0000	3.21	_____

TOTAL DIRECT EXPENSES				265.38	_____
RETURNS ABOVE DIRECT EXPENSES				202.61	_____
FIXED EXPENSES					
Implements	Acre	4.68	1.0000	4.68	_____
Tractors	Acre	5.12	1.0000	5.12	_____
Self-Propelled Eq.	Acre	0.57	1.0000	0.57	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				43.98	_____

TOTAL SPECIFIED EXPENSES				309.37	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				158.62	_____
ALLOCATED COST ITEMS					
cash rent-sunfloweri	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				93.62	_____

Projections for Planning Purposes Only.

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 Not to be Used without Updating after December 15, 2010

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Table 20.B Estimated resource use and costs for field operations, per Acre
 Confectionary Sunflowers, Sprinkler Irrigated, Strip-ti
 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		-----dollars-----			
herb application	acre			1.00	Aug							1.0000	5.00	5.00	5.00
glyphosphate	acre											1.0000	4.48	4.48	4.48
Strip Plow	35-40 ft	175	0.120	1.00	Oct	5.48	3.70	0.78	1.30	0.264	2.71				13.99
fert(N) - liquid	lb.											20.0000	0.57	11.40	11.40
fert(P) - liquid	lb.											24.0000	0.71	17.04	17.04
sunflowers - irr.	acre			1.00	Mar							1.0000	12.00	12.00	12.00
herb application	acre			1.00	Apr							1.0000	5.00	5.00	5.00
glyphosphate	acre											1.0000	4.48	4.48	4.48
2-4D	acre											1.0000	1.71	1.71	1.71
Center Pivot	ac-in			1.00	Apr			13.56	33.60	0.128	1.31	2.0000			48.47
Pickup Truck	3/4 ton		0.006	45.00	May			12.71	0.57						13.29
herb application	acre			1.00	Jun							1.0000	5.00	5.00	5.00
glyphosphate	acre											1.0000	4.48	4.48	4.48
Prowl H2O	acre											1.0000	8.65	8.65	8.65
Center Pivot	ac-in			1.00	Jun			13.56		0.128	1.31	2.0000			14.87
bed planter		125	0.057	1.00	Jun	1.92	1.42	2.02	3.37	0.114	1.17				9.92
conf. sunflower seed	acre											1.0000	28.00	28.00	28.00
seed insect.-sunflc	acre											1.0000	6.72	6.72	6.72
fert(N) - liquid	lb.											50.0000	0.57	28.50	28.50
Center Pivot	ac-in			1.00	Jul			10.17		0.096	0.98	1.5000			11.15
Center Pivot	ac-in			1.00	Jul			10.17		0.096	0.98	1.5000			11.15
Pesticide appl	acre			1.00	Aug							1.0000	5.00	5.00	5.00
ammo - pest	acre											1.0000	3.51	3.51	3.51
cust harv-sunfl	acre			1.00	Oct							1.0000	26.00	26.00	26.00
cust haul-sunfl	cwt.											18.0000	0.35	6.30	6.30
TOTALS						7.40	5.12	62.97	38.85	0.826	8.51			183.27	306.15
INTEREST ON OPERATING CAPITAL															3.21
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															309.37

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