

**Costs and Returns per acre from growing irrigated safflower, 2006  
Cache County**

	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value	Your Value
<b>Receipts</b>						
Safflower	1,500	pounds	\$0.13	\$195.00	\$195.00	\$195.00
<b>Subtotal</b>				\$195.00	\$195.00	
<b>Operating costs</b>						
Land preparation						
Chisel plow	1	Acre	\$5.88	\$5.88	\$5.88	
Field cultivating	1	Acre	\$3.73	\$3.73	\$3.73	
Roller harrow	1	Acre	\$3.64	\$3.64	\$3.64	
Planting	1	Acre	\$2.96	\$2.96	\$2.96	
Seed	15	pounds	\$0.35	\$5.25	\$5.25	
Fertilization						
Nitrogen 40 lb/ac (34-0-0)	40	pounds	\$0.18	\$7.14	\$7.14	
Phosphorus	20	pounds	\$0.18	\$3.57	\$3.57	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Herbicides/pesticides						
Sonalan / Custom Application	1	Acre	\$8.00	\$8.00	\$8.00	
Irrigation (wheel line)	1	irrigations				
Labor	0.33	hours	\$10.00	\$3.33	\$3.33	
Water assessment	1	share	\$10.00	\$10.00	\$10.00	
Repairs/maintenance	1	acre	\$2.30	\$2.30	\$2.30	
Pumping	20	acre inch	\$0.00	\$0.00	\$0.00	
Harvesting						
Combining	1	Acre	\$7.17	\$7.17	\$7.17	
Hauling (pt bw)	1,500	pounds	\$0.01	\$15.00	\$8.00	
Transportation /shipping to market	1,500	pounds	\$0.01	\$15.00	\$8.00	
Crop insurance (75% Yield, 100% Price)	1	acre	\$4.01	\$4.01	\$4.01	
Interest on operating capital			7.61%	\$1.62	\$1.62	
<b>Subtotal</b>				\$106.43	\$106.43	
Ownership costs (excludes cost of land)				\$40.53	\$40.53	
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00	
Machinery ownership costs	1	acre	\$30.28	\$30.28	\$30.28	
Irrigation equipment	1	acre	\$8.25	\$8.25	\$8.25	
<b>Total costs</b>				\$146.97	\$146.97	
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				\$88.57	\$88.57	
Above total listed costs				\$48.03	\$48.03	

**Breakeven Table - Irrigated Safflower**

Net returns per acre above operating costs

Yield (lb/Ac)	Selling Price (\$/lb)				
	\$0.09	\$0.11	\$0.13	\$0.15	\$0.17
1455.00	\$25.42	\$54.52	\$83.62	\$112.72	\$141.82
1470.00	\$26.47	\$55.87	\$85.27	\$114.67	\$144.07
1485.00	\$27.52	\$57.22	\$86.92	\$116.62	\$146.32
1500.00	\$28.57	\$58.57	<b>\$88.57</b>	\$118.57	\$148.57
1515.00	\$29.62	\$59.92	\$90.22	\$120.52	\$150.82
1530.00	\$30.67	\$61.27	\$91.87	\$122.47	\$153.07
1545.00	\$31.72	\$62.62	\$93.52	\$124.42	\$155.32

Assumptions

1. Safflower planted in March and harvested in August.
2. Interest computed on land preparation and planting costs for 6 months and fertilization/herbicide/irrigation costs for 3 months.
3. Machinery operating costs include: fuel, oil, repairs and labor.
4. Machinery ownership costs are allocated based on equipment used for each crop.

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