

Utah State University  
Extension Economics

**Costs and Returns per acre from growing irrigated safflower, 2004  
Cache County**

Receipts	Quantity per acre	Unit	Price/cost per unit	Value/Cost per acre	Your farm's Value
Safflower	800	pounds	\$0.14	\$112.00	_____
<b>Subtotal</b>				\$112.00	_____
<b>Operating costs</b>					
Land Preparation					
Chisel Plow	1	Acre	\$10.07	\$10.07	_____
Field Cultivating	1	Acre	\$4.93	\$4.93	_____
Roller Harrow	1	Acre	\$4.87	\$4.87	_____
Planting	1	Acre	\$3.82	\$3.82	_____
Seed	15	pounds	\$0.40	\$6.00	_____
Fertilization					
Nitrogen 40 lb/ac (34-0-0)	40	pounds	\$0.14	\$5.60	_____
Phosphorus	20	pounds	\$0.15	\$3.00	_____
Custom application	1	acre	\$5.00	\$5.00	_____
Herbicides/Pesticides					
Sonalan / Custom Application	1	Acre	\$8.00	\$8.00	_____
Irrigation	1	Acre	\$9.77	\$9.77	_____
Harvesting					
Custom Combining	1	Acre	\$26.00	\$26.00	_____
Hauling	800	pounds	\$0.01	\$8.00	_____
Transportation /shipping to market	800	pounds	\$0.01	\$8.00	_____
Crop Insurance (75% Yield, 100% Price)	1	acre	\$4.73	\$4.73	_____
Interest on operating capital			9.75%	\$1.45	_____
<b>Subtotal</b>				\$109.24	_____
<b>Ownership costs (excludes cost of land)</b>					
Farm insurance	1	acre	\$2.00	\$2.00	_____
Machinery ownership costs	1	acre	\$41.52	\$41.52	_____
Irrigation equipment (wheel lines)	1	acre	\$50.00	\$50.00	_____
<b>Total costs</b>				\$202.76	_____
<b>Net returns to owner for unpaid labor, management, equity and risk</b>					
Above operating costs				\$2.76	_____
Above total costs				-\$90.76	_____

Assumptions

1. Safflower planted in March and harvested in September.
2. Interest computed on land preparation and planting costs for 6 months.
3. Machinery operating costs include: fuel, oil, repairs and labor.
4. Machinery ownership costs (depreciation and interest) are a portion of the total for the entire farm.

Budget prepared by: Clark Israelsen, Spencer Parkinson and E. Bruce Godfrey  
with input from farmers in Cache Valley