

Utah State University
 Extension Economics
Costs and Returns per acre from growing tomatoes, 2003

	Quantity per acre	Unit	Price/cost per unit	Value/Cost per acre	Your Farm's Value
Receipts					
Tomatoes	200	Cwt	\$24.00	\$4,800.00	_____
Subtotal				\$4,800.00	_____
Operating Costs					
Land Preparation					
Plowing, Disking & Harrowing (custom)	1	acre	\$18.00	\$18.00	_____
Seed bed maker	1	acre	\$15.04	\$15.04	_____
Furrow & cultivate (custom)	3	acre	\$10.00	\$30.00	_____
Planting ¹	1	acre	\$203.38	\$203.38	_____
Plants	5,808	plant	\$0.10	\$580.80	_____
Fertilization					
11-34-0	300	pounds	\$0.11	\$33.00	_____
Custom application	1	acre	\$6.50	\$6.50	_____
Pesticides/Herbicides					
Treflan	1	quart	\$18.49	\$18.49	_____
Sevin	1	quart	\$16.05	\$16.05	_____
Custom Application	2	acre	\$15.00	\$30.00	_____
Irrigation (flood)					
Labor ²	10	times	\$18.28	\$182.81	_____
Water assessment	10	Shares	\$1.00	\$10.00	_____
Harvesting					
Boxes (20%)	40	Each	\$1.10	\$44.00	_____
Picking	148	hours	\$7.31	\$1,082.25	_____
hauling	204	miles	\$0.50	\$102.00	_____
Baskets	20	each	\$3.00	\$60.00	_____
Grading/sorting	40	cwt	\$2.00	\$80.00	_____
Advertising	1	acre	\$100.00	\$100.00	_____
Interest on operating capital ³			9.75%	\$50.38	_____
Subtotal				\$2,662.70	_____
Ownership costs (excludes cost of land)				\$560.70	
Farm Insurance	1	acre	\$2.00	\$2.00	_____
Machinery					
Planter ⁴	1	acre	\$161.00	\$161.00	_____
Seedbed maker ⁴	1	acre	\$285.13	\$285.13	_____
Tractor	6.5	hours	\$17.32	\$112.58	_____
Total Costs				\$3,223.40	_____
Net returns to owner for unpaid labor, management, equity and risk					
Above operating costs				\$2,137.30	_____
Above total listed costs				\$1,576.60	_____

Assumptions

1. Planting costs include fuel, 1 tractor operator at \$11.25 per hour plus 3 workers at \$7.31 per hour for 5.5 hours.
2. Irrigation labor is for 2.5 hours each time at \$6.50 per hour plus 12.5% benefits.
3. Interest computed on plowing for one year, other land preparation for 6 months and herbicide/irrigation costs for 3 months.
4. Machinery costs are based on 5 acres of tomatoes.

Budget prepared by: Ruby Ward with input from producers in Box Elder and Salt Lake Counties.