

Enterprise Budget: Costs and Returns per acre from growing Onions, Utah, 2004

Item	Unit	Quantity per acre	\$/unit	Value/Cost per Acre	Your Farm
				Dollars	
Receipts:					
Payable onions.....	cwt	497	\$8.57	\$4,254.78	_____
Subtotal				\$4,254.78	_____
Operating Costs					
Land Preparation					
Plowing	acre	1	\$10.07	\$10.07	_____
Discing	acre	2	\$4.93	\$9.86	_____
Landplanning	acre	2	\$4.90	\$9.80	_____
Bedding	acre	1	\$6.06	\$6.06	_____
Roller harrow	acre	1	\$4.87	\$4.87	_____
Planting	acre	1	\$8.90	\$8.90	_____
Seed	pounds	2	\$67.50	\$135.00	_____
Fertilization					
Nitrogen (34-0-0)	pounds	272	\$0.14	\$38.08	_____
Phosphate (11-52-0)	pounds	160	\$0.15	\$24.00	_____
Micro Nutrients	acre	1	\$5.00	\$5.00	_____
Custom application	acre	1	\$5.00	\$5.00	_____
Pesticides/herbicides					
Roundup	quart	1	\$9.76	\$9.76	_____
Goal	pint	1	\$13.40	\$13.40	_____
Ammo	ounce	20	\$2.48	\$49.60	_____
Buctril	pint	1.37	\$8.30	\$11.37	_____
Penncap	quart	5	\$8.00	\$40.00	_____
Prowl	quart	2	\$6.00	\$12.00	_____
Warrior	ounce	10	\$5.22	\$52.20	_____
Custom application	acre	14	\$5.00	\$70.00	_____
Cultivation					
First Cultivating	acre	1	\$19.60	\$19.60	_____
Second and Third Cultivating ..	acre	2	\$19.60	\$39.20	_____
Hand Weeding	acre	1	\$67.00	\$67.00	_____
Irrigation (siphon)					
Labor	hours	2.67	\$10.00	\$26.67	_____
Water assessment	share	1	\$10.00	\$10.00	_____
Repairs/maintenance	acre	1	\$2.30	\$2.30	_____
Pumping	acre inch	35	\$0.00	\$0.00	_____
Harvesting					
Undercutting	acre	1	\$15.09	\$15.09	_____
Topping	acre	1	\$37.34	\$37.34	_____
Loading	acre	1	\$28.68	\$28.68	_____
Trucking	loads/acre	3	\$4.11	\$12.33	_____
Grading	cwt	497	\$2.00	\$993.33	_____
Interest on operating capital			8.00%	\$17.29	_____
Subtotal				\$1,783.80	_____
Ownership costs (excludes cost of land)					
Farm Insurance	acre	1	\$2.00	\$2.00	_____
Machinery ownership cost	acre	1	\$175.36	\$175.36	_____
Irrigation equipment costs	acre	1	\$8.25	\$8.25	_____
Total costs				\$1,969.41	_____
Net returns to owner for unpaid labor, management, equity and risk					
above operating costs				\$2,470.98	_____
above total listed costs				\$2,285.37	_____

Assumptions:

1. Onions planted in late March and harvested in September.
2. Interest computed on land preparation and planting costs for 6 months and fertilization/herbicide/irrigation/cultivation costs for 3 months.
3. Machinery operating costs include: fuel, oil, repairs, and labor.
4. Onion equipment ownership costs are allocated to onion acreage only.
Ownership costs for equipment used for multiple enterprises is allocated on a per acre only.
5. Machinery ownership costs include depreciation, interest, insurance, and housing.

Budget prepared by: Dale Baker, Lyle Holmgren, Spence Parkinson and E. Bruce Godfrey with input from producers in Box Elder County.