

Enterprise Budgets

Prepared by the Economics Department, Utah State University

The following crop and livestock enterprise budgets were prepared by personnel at Utah State University with input from farmers and ranchers. These budgets are provided to assist farmers and ranchers in evaluating alternatives that may increase the profitability of their operation. The costs and returns commonly vary for a particular farm or ranch from those shown. Therefore, a column has been provided to adapt the budget to reflect the costs and returns for a specific farm or ranch enterprise.

Questions concerning these budgets should be referred to the appropriate contact individual in the Economics department at Utah State University in Logan at (435) 797-2310.

Budgets published in this and previous Editions of Utah Agricultural Statistics as well as budgets for other crop and livestock enterprises may be found on the extension web page at Utah State University, <http://extension.usu.edu/>.

Index of Enterprise Budgets by Subject and Year Most Recently Published in Utah Agricultural Statistics, 1994-2011

Alfalfa Hay, establishment with oat hay	1998	Milk Cows, Jersey	1998
Alfalfa Hay, establishment, Grand County	1994	Milk Cows, Holstein	2010
Alfalfa Hay, irrigated, East Millard County	2001	Dairy Bull	1998
Alfalfa Hay, dryland, Box Elder County	2002	Deer Hunt Pack Trip	1996
Alfalfa Hay, Uintah County	2008	Floriculture	2004
Alfalfa Haylage, Millard County	2001	Elk	1997
Alfalfa Hay, Cache County	2011	Grass Hay, Rich County	2006
Apples, Utah County	1994	Grass Hay, Daggett County	2007
Barley, Irrigated (feed) , Cache County	2011	Lawn Turf	2006
Beef Cattle		Machinery & Equipment Costs	2008
Background Feeder Cattle	2000	Manure & Waste Disposal, Dairy	1998
Feeder Cattle Backgrounding Budget	2009	Oat Hay, San Juan County	2003
Feeder Cattle Drylot Budget	2009	Oats, San Juan County	2003
Feeder Cattle Summer Grazing Budget	2009	Oats, irrigated, Uintah County	2011
Beef heifer replacement	1998	Onion Production	2005
Cow/calf	1997	Ostrich	1995
Cow/calf northern Utah	2004	Pasture, irrigated	1995
Cow/calf, southern Utah	2000	Pasture Establishment	1995
Cow/calf/yearling, Rich County	1996	Peaches, Box Elder County	1994
Cow/calf, Tooele & Duchesne Counties	2007	Pheasants	1995
Cull Cows	2006	Pumpkin	1997
Feeder cattle	2005	Raspberry	1996
Feeder steer calves	2003	Safflower, dryland	1999
Finish cattle	2000	Safflower, irrigated	2005
Berries		Sheep, range	1997
High Tunnel Fall Raspberry	2010	Lamb Feeding Budget	2009
Strawberry High Tunnel	2010	Soybean	1998
Bison, Cow/Calf, 50 Cows	2001	Swine, farrow to finish	1998
Canola, Spring irrigated	1996	Tomatoes	2003
Cantaloupe	2006	Triticale	1996
Cherries, Tart	1995	Turkeys, Hen	2000
Corn for grain, Box Elder County	2002	Watermelons	1996
Corn Silage, Cache County	2002	Wheat, dryland	2008
Corn, Sweet	1996	Wheat, Spring, irrigated	1994
CRP Contract, per acre	2001	Wheat, Irrigated, Cache County	2011
Custom Operators Rates	2010	Wheat Straw Residue	1997
Dairy		Wheat, Soft White Winter, Irrigated, Box Elder Co	2000
Holstein Heifer Replacement	2001		
Jersey Heifer Replacement	2000		

150 Acres of Alfalfa Hay, Cache County, 2011

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	Total Units	Unit	Price/Cost Per Unit	Total Cost/Value	Total Cost/Value Per Acre	Your Farm
GROSS INCOME						
Alfalfa Hay	5.00	Tons	\$ 130.00	\$ 97,500.00	\$ 650.00	_____
TOTAL GROSS INCOME				\$ 97,500.00	\$ 650.00	
OPERATING COSTS						
Insecticide	150.00	Acre	\$ 9.00	\$ 1,350.00	\$ 9.00	_____
Herbicide	150.00	Acre	\$ 15.00	\$ 2,250.00	\$ 15.00	_____
Fertilizer	150.00	Acre	\$ 80.00	\$ 12,000.00	\$ 80.00	_____
Custom Chemical App	150.00	Acre	\$ 16.50	\$ 2,475.00	\$ 16.50	_____
Testing (Soil & Forage)	1.00	Annual	\$ 130.00	\$ 130.00	\$ 0.87	_____
Irrigation	1.00	Annual	\$ 7,200.00	\$ 7,200.00	\$ 48.00	_____
Labor	150.00	Acre	\$ 20.00	\$ 3,000.00	\$ 20.00	_____
Operator Labor	150.00	Acre	\$ 75.00	\$ 11,250.00	\$ 75.00	_____
Fuel & Lube	1.00	Annual	\$ 7,774.80	\$ 7,774.80	\$ 51.83	_____
Maintenance	1.00	Annual	\$ 8,280.80	\$ 8,280.80	\$ 55.21	_____
Miscellaneous	150.00	Acre	\$ 5.00	\$ 750.00	\$ 5.00	_____
TOTAL OPERATING COSTS				\$ 56,460.60	\$ 376.40	
INCOME ABOVE OPERATING COSTS				\$ 41,039.40	\$ 273.60	
OWNERSHIP COSTS						
CASH OVERHEAD COSTS						
Liability/Crop Insurance				\$ 1,140.00	\$ 7.60	_____
Accounting & Legal				\$ 1,140.00	\$ 7.60	_____
Office & Travel				\$ 1,140.00	\$ 7.60	_____
Annual Investment Insurance				\$ 1,139.38	\$ 7.60	_____
Annual Investment Taxes				\$ 418.55	\$ 2.79	_____
TOTAL CASH OVERHEAD COSTS				\$ 4,977.93	\$ 33.19	
NONCASH OVERHEAD COSTS (Capital Recovery)						
Buildings, Improvements, & Equipment				\$ 8,263.81	\$ 55.09	_____
Machinery & Vehicles				\$ 19,407.00	\$ 129.38	_____
TOTAL NONCASH OVERHEAD COSTS				\$ 27,670.81	\$ 184.47	
TOTAL OWNERSHIP COSTS				\$ 32,648.73	\$ 217.66	
TOTAL COSTS				\$ 89,109.33	\$ 594.06	
NET PROJECTED RETURNS				\$ 8,390.67	\$ 55.94	

80 Acres of Irrigated Barley (feed), Cache County, 2011

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	Total Units	Unit	Price/Cost Per bu.	Total Cost/Value	Total Cost/Value Per Acre	Your Farm
GROSS INCOME						
Barley	100.00	Bushels	\$ 3.41	\$ 27,280.00	\$ 341.00	_____
TOTAL GROSS INCOME				\$ 27,280.00	\$ 341.00	
OPERATING COSTS						
Insecticide	80.00	Acre	\$ 3.00	\$ 240.00	\$ 3.00	_____
Herbicide	80.00	Acre	\$ 6.75	\$ 540.00	\$ 6.75	_____
Fertilizer	80.00	Acre	\$ 57.50	\$ 4,600.00	\$ 57.50	_____
Custom Chemical App	80.00	Acre	\$ 11.00	\$ 880.00	\$ 11.00	_____
Custom Combine	80.00	Acre	\$ 30.00	\$ 2,400.00	\$ 30.00	_____
Testing (Soil)	1.00	Annual	\$ 55.00	\$ 55.00	\$ 0.69	_____
Seed	80.00	Acre	\$ 24.00	\$ 1,920.00	\$ 24.00	_____
Irrigation	1.00	Annual	\$ 2,560.00	\$ 2,560.00	\$ 32.00	_____
Labor	80.00	Acre	\$ 20.00	\$ 1,600.00	\$ 20.00	_____
Operator Labor	80.00	Acre	\$ 75.00	\$ 6,000.00	\$ 75.00	_____
Fuel & Lube	1.00	Annual	\$ 1,100.00	\$ 1,100.00	\$ 13.75	_____
Maintenance	1.00	Annual	\$ 1,501.50	\$ 1,501.50	\$ 18.77	_____
Miscellaneous	80.00	Acre	\$ 5.00	\$ 400.00	\$ 5.00	_____
TOTAL OPERATING COSTS				\$ 23,796.50	\$ 297.46	
INCOME ABOVE OPERATING COSTS				\$ 3,483.50	\$ 43.54	
OWNERSHIP COSTS						
CASH OVERHEAD COSTS						
Liability/Crop Insurance				\$ 600.00	\$ 7.50	_____
Accounting & Legal				\$ 600.00	\$ 7.50	_____
Office & Travel				\$ 600.00	\$ 7.50	_____
Annual Investment Insurance				\$ 271.06	\$ 3.39	_____
Annual Investment Taxes				\$ 104.50	\$ 1.31	_____
TOTAL CASH OVERHEAD COSTS				\$ 2,175.56	\$ 27.19	
NONCASH OVERHEAD COSTS (Capital Recovery)						
Buildings, Improvements, & Equipment				\$ 1,603.50	\$ 20.04	_____
Machinery & Vehicles				\$ 2,910.00	\$ 36.38	_____
TOTAL NONCASH OVERHEAD COSTS				\$ 4,513.50	\$ 56.42	
TOTAL OWNERSHIP COSTS				\$ 6,689.06	\$ 83.61	
TOTAL COSTS				\$ 30,485.56	\$ 381.07	
NET PROJECTED RETURNS				\$ (3,205.56)	\$ (40.07)	

80 Acres of Irrigated Wheat, Cache County, 2011.

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	Total Units	Unit	Price/Cost Per bu.	Total Cost/Value	Total Cost/Value Per Acre	Your Farm
GROSS INCOME						
Wheat	75.00	Bushels	\$ 6.85	\$ 41,100.00	\$ 513.75	_____
TOTAL GROSS INCOME				\$ 41,100.00	\$ 513.75	
OPERATING COSTS						
Insecticide	80.00	Acre	\$ 3.00	\$ 240.00	\$ 3.00	_____
Herbicide	80.00	Acre	\$ 6.75	\$ 540.00	\$ 6.75	_____
Fertilizer	80.00	Acre	\$ 74.00	\$ 5,920.00	\$ 74.00	_____
Custom Chemical App	80.00	Acre	\$ 11.00	\$ 880.00	\$ 11.00	_____
Custom Combine	80.00	Acre	\$ 30.00	\$ 2,400.00	\$ 30.00	_____
Testing (Soil)	1.00	Annual	\$ 55.00	\$ 55.00	\$ 0.69	_____
Seed	80.00	Acre	\$ 24.00	\$ 1,920.00	\$ 24.00	_____
Irrigation	1.00	Annual	\$ 2,560.00	\$ 2,560.00	\$ 32.00	_____
Labor	80.00	Acre	\$ 20.00	\$ 1,600.00	\$ 20.00	_____
Operator Labor	80.00	Acre	\$ 75.00	\$ 6,000.00	\$ 75.00	_____
Fuel & Lube	1.00	Annual	\$ 1,100.00	\$ 1,100.00	\$ 13.75	_____
Maintenance	1.00	Annual	\$ 1,501.50	\$ 1,501.50	\$ 18.77	_____
Miscellaneous	80.00	Acre	\$ 5.00	\$ 400.00	\$ 5.00	_____
TOTAL OPERATING COSTS				\$ 25,116.50	\$ 313.96	
INCOME ABOVE OPERATING COSTS				\$ 15,983.50	\$ 199.79	
OWNERSHIP COSTS						
CASH OVERHEAD COSTS						
Liability/Crop Insurance				\$ 600.00	\$ 7.50	_____
Accounting & Legal				\$ 600.00	\$ 7.50	_____
Office & Travel				\$ 600.00	\$ 7.50	_____
Annual Investment Insurance				\$ 271.06	\$ 3.39	_____
Annual Investment Taxes				\$ 104.50	\$ 1.31	_____
TOTAL CASH OVERHEAD COSTS				\$ 2,175.56	\$ 27.19	
NONCASH OVERHEAD COSTS (Capital Recovery)						
Buildings, Improvements, & Equipment				\$ 1,603.50	\$ 20.04	_____
Machinery & Vehicles				\$ 2,910.00	\$ 36.38	_____
TOTAL NONCASH OVERHEAD COSTS				\$ 4,513.50	\$ 56.42	
TOTAL OWNERSHIP COSTS				\$ 6,689.06	\$ 83.61	
TOTAL COSTS				\$ 31,805.56	\$ 397.57	
NET PROJECTED RETURNS				\$ 9,294.44	\$ 116.18	

100 Acres of Irrigated Oats, Uintah County, 2011.

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	Total Units	Unit	Price/Cost Per Unit	Total Cost/Value	Total Cost/Value Per Acre	Your Farm
GROSS INCOME						
Oats	100.00	Bushels	\$ 2.53	\$ 25,300.00	\$ 253.00	_____
Straw	1.50	Ton	\$ 50.00	\$ 7,500.00	\$ 75.00	_____
TOTAL GROSS INCOME				\$ 32,800.00	\$ 328.00	
OPERATING COSTS						
Herbicide	100.00	Acre	\$ 8.00	\$ 800.00	\$ 8.00	_____
Custom Spray Application	100.00	Acre	\$ 10.00	\$ 1,000.00	\$ 10.00	_____
Custom Combine	100.00	Acre	\$ 30.00	\$ 3,000.00	\$ 30.00	_____
Seed	100.00	Acre	\$ 20.00	\$ 2,000.00	\$ 20.00	_____
Irrigation	100.00	Acre	\$ 88.00	\$ 8,800.00	\$ 88.00	_____
Labor	100.00	Acre	\$ 58.00	\$ 5,800.00	\$ 58.00	_____
Fuel & Lube	1.00	Annual	\$ 1,936.00	\$ 1,936.00	\$ 19.36	_____
Maintenance	1.00	Annual	\$ 2,652.10	\$ 2,652.10	\$ 26.52	_____
Miscellaneous	100.00	Acre	\$ 5.00	\$ 500.00	\$ 5.00	_____
TOTAL OPERATING COSTS				\$ 26,488.10	\$ 264.88	
INCOME ABOVE OPERATING COSTS				\$ 6,311.90	\$ 63.12	
OWNERSHIP COSTS						
CASH OVERHEAD COSTS						
Liability/Crop Insurance				\$ 600.00	\$ 6.00	_____
Accounting & Legal				\$ 600.00	\$ 6.00	_____
Office & Travel				\$ 600.00	\$ 6.00	_____
Annual Investment Insurance				\$ 480.22	\$ 4.80	_____
Annual Investment Taxes				\$ 96.80	\$ 0.97	_____
TOTAL CASH OVERHEAD COSTS				\$ 2,377.02	\$ 23.77	
NONCASH OVERHEAD COSTS (Capital Recovery)						
Buildings, Improvements, & Equipment				\$ 2,500.80	\$ 25.01	_____
Machinery & Vehicles				\$ 4,686.00	\$ 46.86	_____
TOTAL NONCASH OVERHEAD COSTS				\$ 7,186.80	\$ 71.87	
TOTAL OWNERSHIP COSTS				\$ 9,563.82	\$ 95.64	
TOTAL COSTS				\$ 36,051.92	\$ 360.52	
RETURNS TO LAND, LABOR AND MANAGEMENT				\$ (3,251.92)	\$ (32.52)	