

Table 21. 2007 Irrigated Russet Burbank Commercial Potatoes With On-Farm Storage for Eastern Idaho - South: Bannock, Bingham and Power Counties with comparison to 2006.

Item	Quantity Per Acre	Unit	Price or Cost	Value or Cost/Acre	2006	Yield Change		
						\$ Change	% Change	
Gross Returns								
Potatoes	350	cwt	\$5.50	\$1,925.00	350	0	0.0%	
Operating Inputs								
Seed:					\$235.20	\$217.35	\$17.85	8.2%
G-3 Potato Seed	21	cwt	\$9.30	\$195.30	\$182.70	\$12.60	6.9%	
Seed Cut and Treat	21	cwt	\$1.90	\$39.90	\$34.65	\$5.25	15.2%	
Fertilizer:					\$306.90	\$245.45	\$61.45	25.0%
Nitrogen - Preplant	145	lb	\$0.49	\$71.05	\$58.00	\$13.05	22.5%	
P2O5	155	lb	\$0.37	\$57.35	\$38.75	\$18.60	48.0%	
K2O	175	lb	\$0.25	\$43.75	\$40.25	\$3.50	8.7%	
Sulfur	85	lb	\$0.15	\$12.75	\$12.75	\$0.00	0.0%	
Liquid Nitrogen	140	lb	\$0.58	\$81.20	\$60.20	\$21.00	34.9%	
Liquid P2O5	60	ac	\$0.38	\$22.80	\$18.00	\$4.80	26.7%	
Micronutrients	1	lb	\$18.00	\$18.00	\$17.50	\$0.50	2.9%	
					\$0.00			
Pesticides:					\$105.56	\$102.39	\$3.17	3.1%
Thimet 20G	15	lb	\$2.35	\$35.25	\$38.25	-\$3.00	-7.8%	
Sencor DF	0.75	lb	\$14.75	\$11.06	\$8.06	\$3.00	37.3%	
Eptam 7E	2.0	qt	\$7.60	\$15.20	\$13.20	\$2.00	15.2%	
Bravo Ultrex	1.25	lb	\$7.00	\$8.75	\$9.13	-\$0.38	-4.2%	
Dithane F45 Rainshield	3.2	qt	\$4.00	\$12.80	\$13.12	-\$0.32	-2.4%	
Monitor 4E	0.75	qt	\$30.00	\$22.50	\$20.63	\$1.87	9.1%	
					\$0.00			
Custom & Consultants:					\$52.70	\$48.35	\$4.35	9.0%
Custom Fertilize	2	ac	\$6.15	\$12.30	\$10.30	\$2.00	19.4%	
Consultant	1	ac	\$17.00	\$17.00	\$16.00	\$1.00	6.3%	
Custom Ground Spray	1	ac	\$6.50	\$6.50	\$5.95	\$0.55	9.2%	
Custom Air Spray-10G	2	ac	\$8.45	\$16.90	\$16.10	\$0.80	5.0%	
Irrigation:					\$79.37	\$75.45	\$3.92	5.2%
Water Assessment	1	ac	\$23.00	\$23.00	\$23.00	\$0.00	0.0%	
Irrigation Power - CP*	23	acin	\$1.26	\$28.98	\$25.76	\$3.22	12.5%	
Irrigation Repairs - CP*	23	acin	\$0.55	\$12.65	\$12.65	\$0.00	0.0%	
Irrigation Labor - CP*	1.56	hr	\$9.45	\$14.74	\$14.04	\$0.70	5.0%	
Other:					\$305.95	\$292.12	\$13.83	4.7%
Fees & Assessments	333	cwt	\$0.15	\$49.95	\$46.62	\$3.33	7.1%	
Crop Insurance	1	ac	\$32.00	\$32.00	\$32.00	\$0.00	0.0%	
Storage Operating Costs	350	cwt	\$0.64	\$224.00	\$213.50	\$10.50	4.9%	
Fuel & Lubricants					\$100.26	\$109.64	-\$9.38	-8.6%
Machinery Repairs					\$43.30	\$41.63	\$1.67	4.0%
Potato Storage System Repairs					\$12.95	\$12.25	\$0.70	5.7%
Machinery Labor	6.99	hrs	\$14.10	\$98.56	\$94.02	\$4.54	4.8%	
Other Labor	2.49	hrs	\$8.35	\$20.79	\$19.80	\$0.99	5.0%	
Operating Interest					\$41.25	\$39.27	\$1.98	5.0%
Total Operating Costs					\$1,402.80	\$1,297.72	\$105.08	8.1%
Operating Costs per Unit					\$4.01	\$3.71	\$0.30	8.1%
Net Returns Above Operating Expenses					\$522.21	\$504.78	\$17.42	

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Item	Quantity Per Acre	Unit	Price or Cost	Value or Cost/Acre	<u>2006</u>		
Ownership Costs:							
Tractors & Equipment Insurance				\$4.30	\$4.14	\$0.16	3.9%
Tractors & Equipment Depreciation & Interest				\$182.40	\$174.57	\$7.83	4.5%
Potato Storage System				\$135.80	\$129.50	\$6.30	4.9%
Irrigation Equipment Depreciation & Interest							
Land **				\$325.00	\$270.00	\$55.00	20.4%
Overhead				\$35.00	\$31.00	\$4.00	12.9%
Management Fee				\$96.00	\$88.00	\$8.00	9.1%
Total Ownership Costs				\$778.50	\$697.21	\$81.29	11.7%
Ownership Costs per Unit				\$2.22	\$1.99	\$0.23	11.7%
Total Costs per Acre				\$2,181.30	\$1,994.93	\$186.37	9.3%
Total Cost per Unit				\$6.23	\$5.70	\$0.53	9.3%
Returns to Risk				-\$256.30	-\$192.43	-\$63.87	
Notes:							
* Center Pivot. **Includes irrigation system ownership costs.							
Blue font indicates an increase.							
A red font indicates a decrease.							
A green font indicates a change in product or procedure to derive the cost.							
Procedural changes can result in different costs than were published the previous year.							
Breakeven Analysis:							
	-	Base	+				
	5%		5%				
		Yield					
<u>Price</u>	332.5	350	367.5				
Operating Cost Breakeven	\$4.22	\$4.01	\$3.82				
Ownership Cost Breakeven	\$2.34	\$2.22	\$2.12				
Total Cost Breakeven	\$6.56	\$6.23	\$5.94				
		Price					
<u>Yield</u>	\$5.23	\$5.50	\$5.78				
Operating Cost Breakeven	268.5	255.1	242.9				
Ownership Cost Breakeven	149.0	141.5	134.8				
Total Cost Breakeven	417.5	396.6	377.7				
Date:							
User's Name:							
Address:							