

Table 20. 2007 Irrigated Russet Burbank Commercial Potatoes With No 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				
Gross Returns								
Potatoes	350	cwt	\$5.20	\$1,820.00	2006	Yield Change		
					350	0	0.0%	
Operating Inputs								
						\$ Change	% Change	
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%	
Pesticides:				\$105.56	\$102.39	\$3.17	3.1%	
Thimet 20G	15	lb	\$2.35	\$35.25	\$38.25	-\$3.00	-7.8%	
Sencor 75DF	0.75	lb	\$14.75	\$11.06	\$8.06	\$3.00	37.3%	
Eptam 7EC	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%	
Custom & Consultants:				\$133.20	\$121.85	\$11.35	9.3%	
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-Po	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%	
Custom Hauling	350	cwt	\$0.23	\$80.50	\$73.50	\$7.00	9.5%	
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:				\$113.55	\$109.00	\$4.55	4.2%	
Fees & Assessments	350	cwt	\$0.15	\$52.50	\$49.00	\$3.50	7.1%	
Crop Insurance	1	ac	\$32.00	\$32.00	\$32.00	\$0.00	0.0%	
Transloading Costs	350	cwt	\$0.083	\$29.05	\$28.00	\$1.05	3.8%	
Fuel & Lubricants				\$101.33	\$110.78	-\$9.45	-8.5%	
Machinery Repairs				\$42.60	\$40.99	\$1.61	3.9%	
Transloading Equipment Repairs				\$4.90	\$3.50	\$1.40	40.0%	
Machinery Labor	6.89	hrs	\$14.10	\$97.15	\$92.67	\$4.48	4.8%	
Other Labor	2.49	hrs	\$8.35	\$20.79	\$19.80	\$0.99	5.0%	
Operating Interest				\$42.50	\$40.50	\$2.00	4.9%	
Total Operating Costs				\$1,283.06	\$1,179.73	\$103.32	8.8%	
Operating Costs per Unit				\$3.67	\$3.37	\$0.30	8.8%	
Net Returns Above Operating Expenses				\$536.95	\$535.27	\$1.68		

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Item	Quantity Per Acre	Unit	Price or Cost	Value or Cost/Acre			
Ownership Costs:							
Tractors & Equipment Insurance				\$4.35	\$4.18	\$0.17	4.1%
Tractors & Equipment Depreciation & Interest				\$183.75	\$175.82	\$7.93	4.5%
Transloading Equipment				\$30.10	\$28.00	\$2.10	7.5%
Irrigation Equipment Depreciation & Interest							
Land **				\$325.00	\$270.00	\$55.00	20.4%
Overhead				\$32.00	\$29.00	\$3.00	10.3%
Management Fee				\$91.00	\$84.00	\$7.00	8.3%
Total Ownership Costs				\$666.20	\$591.00	\$75.20	12.7%
Ownership Costs per Unit				\$1.90	\$1.69	\$0.21	12.7%
Total Costs per Acre				\$1,949.26	\$1,770.73	\$178.52	10.1%
Total Cost per Unit				\$5.57	\$5.06	\$0.51	10.1%
Returns to Risk				-\$129.26	-\$55.73	-\$73.52	
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					
Price	332.5	350	367.5				
Operating Cost Breakeven	\$3.86	\$3.67	\$3.49				
Ownership Cost Breakeven	\$2.00	\$1.90	\$1.81				
Total Cost Breakeven	\$5.86	\$5.57	\$5.30				
		Price					
Yield	\$4.94	\$5.20	\$5.46				
Operating Cost Breakeven	259.7	246.7	235.0				
Ownership Cost Breakeven	134.9	128.1	122.0				
Total Cost Breakeven	394.6	374.9	357.0				
Date:							
User's Name:							
Address:							