

Southwestern Idaho Russet Burbank per acre costs from 2004 to 2009 and dollar and percentage change from 2004 to 2009: no storage costs.

Item	2004	2005	2006	2007	2008	2009	Change	% Change
Operating Inputs								
Seed	\$222	\$220	\$268	\$291	\$329	\$420	\$198	89%
Fertilizer	\$228	\$279	\$300	\$351	\$639	\$549	\$321	141%
Chemicals/Pesticides	\$366	\$370	\$365	\$393	\$466	\$452	\$86	23%
Custom & Consultants	\$133	\$144	\$166	\$182	\$202	\$261	\$128	96%
Irrigation	\$88	\$93	\$86	\$92	\$102	\$124	\$36	41%
Machinery: F, O, L, R	\$118	\$140	\$172	\$171	\$231	\$139	\$21	18%
Labor	\$135	\$146	\$149	\$159	\$169	\$169	\$34	25%
Transload	\$36	\$40	\$47	\$49	\$52	\$63	\$27	75%
Other	\$94	\$95	\$106	\$114	\$118	\$137	\$43	45%
Operating Interest	\$39	\$52	\$72	\$79	\$83	\$76	\$37	95%
Total Operating Costs per Acre	\$1,459	\$1,579	\$1,731	\$1,881	\$2,391	\$2,390	\$931	64%
Operating Cost per Cwt	\$3.04	\$3.19	\$3.46	\$3.76	\$4.73	\$4.51	\$1.47	48%
Ownership Costs:								
Transloading Equip. Ownership *	\$41	\$41	\$41	\$44	\$48	\$52	\$11	27%
Field Equipment Ownership	\$217	\$233	\$240	\$253	\$266	\$281	\$64	29%
Land	\$425	\$425	\$435	\$525	\$600	\$650	\$225	53%
Overhead	\$36	\$39	\$43	\$46	\$60	\$60	\$24	67%
Management Fee	\$115	\$119	\$123	\$130	\$145	\$165	\$50	43%
Total Ownership Costs per Acre	\$834	\$857	\$882	\$998	\$1,119	\$1,208	\$374	45%
Ownership Cost per Cwt	\$1.74	\$1.73	\$1.76	\$2.00	\$2.22	\$2.28	\$0.54	31%
Total Costs per Acre	\$2,293	\$2,436	\$2,613	\$2,879	\$3,510	\$3,598	\$1,305	57%
% Change from Previous Year	4.1%	6.2%	7.3%	10.2%	21.9%	2.5%		
Total Cost per Cwt	\$4.78	\$4.92	\$5.23	\$5.76	\$6.95	\$6.79	\$2.01	42%
% Change from Previous Year	6.3%	3.0%	6.2%	10.2%	20.7%	-2.3%		
Yield (cwt per acre)	480	495	500	500	505	530	50	10%
Published Yields - if different	(495)	(500)		(505)				

Seed includes seed, hauling and the cost to cut and treat seed.

Chemicals & pesticides include: herbicides, insecticides, fungicides and sulfuric acid for vine desiccation (when used).

Irrigation includes water assessment, repair costs and power cost.

Machinery costs include fuel, oil, lube and repairs.

Labor includes labor to operate machinery, truck drivers, general farm labor and irrigation labor.

Transloading costs are mostly labor, but also includes power and repairs on equipment.

Other costs include crop insurance and assessment fees to grower organizations and the Idaho Potato Commission.

Overhead is a calculated value at 2.5 percent of operating costs to account for office expenses, legal and accounting fees and utilities.

Management is a calculated value at 5 percent of expected revenue.

Note: earlier CAR estimates were revised for procedural consistency, so the costs may not always match the original published values.

Revised & verified. Yields for 2003, 2004, 2005 and 2007 differ from published value.

Yields were calculated using a 3-year rolling average, with an adjustment for fumigation based on 60% of acres fumigated and a 60 or 65 cwt yield increase. Note that the machinery and equipment ownership costs were normalized and may not match the published values.

Southcentral Idaho Russet Burbank per acre costs from 2004 to 2009 and dollar and percentage change from 2004 to 2009: no storage costs.

Item	2004	2005	2006	2007	2008	2009	Change	% Change
Operating Inputs								
Seed	\$212	\$209	\$256	\$278	\$306	\$385	\$173	82%
Fertilizer	\$213	\$257	\$276	\$330	\$578	\$467	\$254	119%
Chemicals/Pesticides	\$155	\$157	\$147	\$157	\$187	\$220	\$65	42%
Custom & Consultants	\$130	\$144	\$168	\$175	\$194	\$184	\$54	42%
Irrigation	\$75	\$82	\$78	\$86	\$93	\$103	\$28	37%
Machinery: F, O, L, R	\$98	\$110	\$137	\$125	\$167	\$124	\$26	27%
Labor	\$119	\$126	\$130	\$140	\$148	\$141	\$22	18%
Transload	\$27	\$33	\$36	\$39	\$41	\$48	\$21	78%
Other	\$86	\$85	\$93	\$100	\$106	\$122	\$36	42%
Operating Interest	\$26	\$35	\$50	\$54	\$57	\$52	\$26	100%
Total Operating Costs	\$1,141	\$1,238	\$1,371	\$1,484	\$1,877	\$1,846	\$705	62%
Operating Cost per Cwt	\$3.04	\$3.26	\$3.61	\$3.71	\$4.69	\$4.50	\$1.46	48%
Ownership Costs:								
Transloading Equip. Ownership *	\$32	\$32	\$32	\$34	\$38	\$40	\$8	25%
Field Equipment Ownership	\$138	\$147	\$167	\$177	\$192	\$202	\$64	46%
Land	\$350	\$350	\$375	\$450	\$525	\$575	\$225	64%
Overhead	\$28	\$31	\$34	\$37	\$47	\$48	\$20	71%
Management Fee	\$93	\$90	\$93	\$100	\$115	\$140	\$47	51%
Total Ownership Costs per Acre	\$641	\$650	\$701	\$798	\$917	\$1,005	\$364	57%
Ownership Cost per Cwt	\$1.71	\$1.71	\$1.84	\$2.00	\$2.29	\$2.45	\$0.74	43%
Total Costs per Acre	\$1,782	\$1,888	\$2,072	\$2,282	\$2,794	\$2,851	\$1,069	60%
% Change from Previous Year	4.9%	5.9%	9.7%	10.1%	22.4%	2.0%		
Total Cost per Cwt	\$4.75	\$4.97	\$5.45	\$5.71	\$6.99	\$6.95	\$2.20	46%
% Change from Previous Year	7.7%	4.6%	9.7%	4.6%	22.4%	-0.4%		
Yield (cwt per acre)	375	380	380	400	400	410	35	9%
Published Yields - if different	(385)		(390)					

Seed includes seed, hauling and the cost to cut and treat seed.

Chemicals & pesticides include: herbicides, insecticides, fungicides and sulfuric acid for vine desiccation (when used).

Irrigation includes water assessment, repair costs and power cost.

Machinery costs include fuel, oil, lube and repairs.

Labor includes labor to operate machinery, truck drivers, general farm labor and irrigation labor.

Transloading costs are mostly labor, but also include the power and repair costs on equipment.

Other costs include crop insurance and assessment fees to grower organizations and the Idaho Potato Commission.

Overhead is a calculated value at 2.5 percent of operating costs to account for office expenses, legal and accounting fees and utilities.

Management is a calculated value at 5 percent of expected revenue.

Note: earlier CAR estimates were revised for procedural consistency, so the costs may not always match the original published values.

Revised & verified. Yields for 2003, 2004 and 2006 differ from published value.

Yields were calculated using a 3-year rolling average, with an adjustment for fumigation based on 45-50% of acres fumigated and a 50-55 cwt yield inc

Eastern Idaho Southern counties Russet Burbank per acre costs from 2004 to 2009 and dollar and percentage change from 2004 to 2009: no storage costs.

Item	2004	2005	2006	2007	2008	2009	Change	% Change
Operating Inputs								
Seed	\$177	\$174	\$217	\$235	\$264	\$340	\$163	92%
Fertilizer	\$196	\$234	\$245	\$307	\$540	\$421	\$225	115%
Chemicals/Pesticides	\$99	\$108	\$102	\$94	\$111	\$163	\$64	65%
Custom & Consultants	\$96	\$107	\$122	\$133	\$146	\$150	\$54	56%
Irrigation	\$67	\$66	\$61	\$64	\$70	\$78	\$11	16%
Machinery: F, O, L, R	\$101	\$122	\$152	\$149	\$198	\$123	\$22	22%
Labor	\$115	\$123	\$127	\$126	\$133	\$139	\$24	21%
Transload	\$23	\$30	\$33	\$33	\$36	\$41	\$18	78%
Other	\$72	\$74	\$81	\$88	\$92	\$106	\$34	47%
Operating Interest	\$21	\$29	\$41	\$45	\$49	\$44	\$23	110%
Total Operating Costs	\$967	\$1,067	\$1,181	\$1,274	\$1,639	\$1,605	\$638	66%
Operating Cost per Cwt	\$3.07	\$3.23	\$3.47	\$3.64	\$4.75	\$4.59	\$1.52	49%
Ownership Costs:								
Transloading Equip. Ownership *	\$29	\$29	\$29	\$30	\$33	\$34	\$5	17%
Field Equipment Ownership	\$152	\$159	\$180	\$191	\$201	\$211	\$59	39%
Land	\$270	\$260	\$270	\$325	\$375	\$425	\$155	57%
Overhead	\$24	\$27	\$29	\$32	\$41	\$40	\$16	67%
Management Fee	\$76	\$81	\$84	\$90	\$100	\$120	\$44	58%
Total Ownership Costs per Acre	\$551	\$556	\$592	\$668	\$750	\$830	\$279	51%
Ownership Cost per Cwt	\$1.75	\$1.68	\$1.74	\$1.91	\$2.17	\$2.37	\$0.62	36%
Total Costs per Acre	\$1,518	\$1,623	\$1,773	\$1,942	\$2,389	\$2,435	\$917	60%
% Change from Previous Year	3.4%	6.9%	9.2%	9.5%	23.0%	1.9%		
Total Cost per Cwt	\$4.82	\$4.92	\$5.21	\$5.55	\$6.92	\$6.96	\$2.14	44%
% Change from Previous Year	6.7%	2.1%	6.0%	6.4%	24.8%	0.5%		
Yield (cwt per acre)	315	330	340	350	345	350	35	11%
Published Yield - if different	(325)	(340)	(350)	(345)				

Seed includes seed, hauling and the cost to cut and treat seed.

Chemicals & pesticides include: herbicides, insecticides, fungicides and sulfuric acid for vine desiccation (when used).

Irrigation includes water assessment, repair costs and power cost.

Machinery costs include fuel, oil, lube and repairs.

Labor includes labor to operate machinery, truck drivers, general farm labor and irrigation labor.

Other costs include crop insurance and assessment fees to grower organizations and the Idaho Potato Commission.

Overhead is a calculated value at 2.5 percent of operating costs to account for office expenses, legal and accounting fees and utilities.

Management is a calculated value at 5 percent of expected revenue.

Note: earlier CAR estimates were revised for procedural consistency, so the costs may not always match the original published values.

* Transloading potatoes was added to the 2001 costs for consistency. They were not originally included.

Revised & verified. Yields for 2003, 2004, 2005, 2006 and 2007 differ from published value.

Yields were calculated using a 3-year rolling average, with an adjustment for fumigation based on 40-45% of acres fumigated and a 40-45 cwt yield in

Southcentral Idaho Russet Burbank per acre costs from 2004 to 2009 and dollar and percentage change from 2004 to 2009: with 4-1/2 months storage.

Item	2004	2005	2006	2007	2008	2009	Change	% Change
Operating Inputs								
Seed	\$212	\$209	\$256	\$278	\$306	\$385	\$173	82%
Fertilizer	\$213	\$257	\$276	\$330	\$578	\$467	\$254	119%
Chemicals/Pesticides	\$164	\$166	\$157	\$157	\$187	\$220	\$56	34%
Custom & Consultants	\$61	\$68	\$78	\$83	\$90	\$69	\$8	13%
Irrigation	\$75	\$82	\$78	\$86	\$93	\$103	\$28	37%
Machinery: F, O, L, R	\$98	\$111	\$139	\$125	\$167	\$124	\$26	27%
Labor	\$119	\$126	\$129	\$140	\$148	\$142	\$23	19%
Storage	\$186	\$208	\$252	\$271	\$282	\$336	\$150	81%
Other	\$84	\$83	\$90	\$97	\$103	\$118	\$34	40%
Operating Interest	\$24	\$33	\$46	\$51	\$54	\$53	\$29	121%
Total Operating Costs	\$1,236	\$1,343	\$1,501	\$1,618	\$2,008	\$2,017	\$781	63%
Operating Cost per Cwt	\$3.30	\$3.53	\$3.95	\$4.05	\$5.02	\$4.92	\$1.62	49%
Ownership Costs:								
Storage System Ownership *	\$127	\$145	\$144	\$155	\$166	\$176	\$49	39%
Field Equipment Ownership	\$136	\$142	\$161	\$173	\$191	\$203	\$67	49%
Land	\$350	\$350	\$375	\$450	\$525	\$575	\$225	64%
Overhead	\$31	\$33	\$36	\$40	\$48	\$52	\$21	68%
Management Fee	\$93	\$93	\$98	\$110	\$125	\$140	\$47	51%
Total Ownership Costs per Acre	\$737	\$763	\$814	\$928	\$1,055	\$1,146	\$409	55%
Ownership Cost per Cwt	\$1.97	\$2.01	\$2.14	\$2.32	\$2.64	\$2.80	\$0.83	42%
Total Costs per Acre	\$1,973	\$2,106	\$2,315	\$2,546	\$3,063	\$3,163	\$1,190	60%
% Change from Previous Year	3.6%	6.7%	9.9%	10.0%	20.3%	3.3%		
Total Cost per Cwt	\$5.26	\$5.54	\$6.09	\$6.37	\$7.66	\$7.71	\$2.45	47%
% Change from Previous Year	6.3%	5.3%	9.9%	4.5%	20.3%	0.7%		
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Machinery costs include fuel, oil, lube and repairs.

Labor includes labor to operate machinery, truck drivers, general farm labor and irrigation labor.

Storage operating costs include: labor, power, sprout inhibitor, insurance, shrink and interest.

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* Storage system includes the storage facility, air system and equipment used to place potatoes in storage.

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Irrigation	\$67	\$66	\$61	\$64	\$70	\$78	\$11	16%
Machinery: F, O, L, R	\$101	\$122	\$152	\$147	\$194	\$122	\$21	21%
Labor	\$116	\$125	\$128	\$126	\$133	\$139	\$23	20%
Storage	\$168	\$185	\$226	\$234	\$243	\$288	\$120	71%
Other	\$70	\$72	\$79	\$85	\$89	\$103	\$33	47%
Operating Interest	\$21	\$29	\$39	\$44	\$47	\$43	\$22	105%
Total Operating Costs	\$1,059	\$1,161	\$1,297	\$1,389	\$1,741	\$1,749	\$690	65%
Operating Cost per Cwt	\$3.36	\$3.52	\$3.81	\$3.97	\$5.05	\$5.00	\$1.64	49%
Ownership Costs:								
Storage System Ownership *	\$104	\$122	\$129	\$138	\$145	\$154	\$50	48%
Field Equipment Ownership	\$152	\$158	\$179	\$185	\$201	\$211	\$59	39%
Land	\$270	\$260	\$270	\$325	\$375	\$425	\$155	57%
Overhead	\$26	\$29	\$31	\$35	\$44	\$45	\$19	73%
Management Fee	\$79	\$83	\$88	\$100	\$100	\$125	\$46	58%
Total Ownership Costs per Acre	\$631	\$652	\$697	\$783	\$865	\$960	\$329	52%
Ownership Cost per Cwt	\$2.00	\$1.98	\$2.05	\$2.24	\$2.51	\$2.74	\$0.74	37%
Total Costs per Acre	\$1,690	\$1,813	\$1,994	\$2,172	\$2,606	\$2,709	\$1,019	60%
% Change from Previous Year								
Total Cost per Cwt	\$5.37	\$5.49	\$5.86	\$6.21	\$7.55	\$7.74	\$2.37	44%
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