

Southwestern Idaho Russet Burbank per acre costs from 2003 to 2008 and dollar and percentage change from 2003 to 2008: no storage costs.

Item	2003	2004	2005	2006	2007	2008	2009	Change	% Change
Operating Inputs									
Seed	\$253	\$222	\$220	\$268	\$291	\$329		\$76	30%
Fertilizer	\$198	\$228	\$279	\$300	\$351	\$639		\$441	223%
Chemicals/Pesticides	\$362	\$366	\$370	\$365	\$393	\$466		\$104	29%
Custom & Consultants	\$125	\$133	\$144	\$166	\$182	\$202		\$77	62%
Irrigation	\$95	\$88	\$93	\$86	\$92	\$102		\$7	7%
Machinery: F, O, L, R	\$97	\$118	\$140	\$172	\$171	\$239		\$142	146%
Labor	\$134	\$135	\$146	\$149	\$159	\$169		\$35	26%
Transload	\$33	\$36	\$40	\$47	\$49	\$52		\$19	58%
Other	\$92	\$94	\$95	\$106	\$114	\$118		\$26	28%
Operating Interest	\$35	\$39	\$52	\$72	\$79	\$83		\$48	137%
Total Operating Costs per Acre	\$1,424	\$1,459	\$1,579	\$1,731	\$1,881	\$2,399		\$975	68%
Operating Cost per Cwt	\$2.97	\$2.95	\$3.16	\$3.46	\$3.72	\$4.75		\$1.78	60%
Ownership Costs:									
Transloading Equip. Ownership *	\$41	\$41	\$41	\$41	\$44	\$48		\$7	17%
Field Equipment Ownership	\$192	\$217	\$233	\$265	\$282	\$308		\$116	60%
Land	\$400	\$425	\$425	\$435	\$525	\$600		\$200	50%
Overhead	\$33	\$36	\$39	\$43	\$46	\$60		\$27	82%
Management Fee	\$112	\$115	\$119	\$123	\$130	\$145		\$33	29%
Total Ownership Costs per Acre	\$778	\$834	\$857	\$907	\$1,027	\$1,161		\$383	49%
Ownership Cost per Cwt	\$1.62	\$1.68	\$1.71	\$1.81	\$2.03	\$2.30		\$0.68	42%
Total Costs per Acre	\$2,202	\$2,293	\$2,436	\$2,638	\$2,908	\$3,560		\$1,358	62%
Total Cost per Cwt	\$4.59	\$4.63	\$4.87	\$5.28	\$5.76	\$7.05		\$2.46	54%
Yield (cwt per acre)	480	495	500	500	505	505		25	5%

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

Chemicals & pesticides include: herbicides, insecticides, fungicides and sulfuric acid for vine desication (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 costs are mostly labor, but also include the operating and repair costs on an even-flow bin, conveyors, sizer with dirt eliminator and piler.

Revised & verified

Southwestern Idaho Russet Burbank per acre costs from 2007 to 2008 and dollar and percentage change from 2007 to 2008: 4-1/2 months storage costs.

Item	2003	2004	2005	2006	2007	2008	2009	Change	% Change
<u>Operating Inputs</u>									
Seed					\$291	\$329		\$38	13%
Fertilizer					\$351	\$639		\$288	82%
Chemicals/Pesticides					\$393	\$466		\$73	19%
Custom & Consultants					\$66	\$71		\$5	8%
Irrigation					\$92	\$102		\$10	11%
Machinery: F, O, L, R					\$171	\$239		\$68	40%
Labor					\$159	\$169		\$10	6%
Storage					\$342	\$356		\$14	4%
Other					\$110	\$114		\$4	4%
Operating Interest					\$79	\$82		\$3	4%
Total Operating Costs per Acre					\$2,054	\$2,567		\$513	25%
Operating Cost per Cwt	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	\$4.07	\$5.08		\$1.02	25%
<u>Ownership Costs:</u>									
Storage System Ownership *					\$195	\$207		\$12	6%
Field Equipment Ownership					\$282	\$308		\$26	9%
Land					\$525	\$600		\$75	14%
Overhead					\$51	\$62		\$11	22%
Management Fee					\$140	\$155		\$15	11%
Total Ownership Costs per Acre	\$0	\$0	\$0	\$0	\$1,193	\$1,332		\$139	12%
Ownership Cost per Cwt	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	\$2.36	\$2.64		\$0.28	12%
Total Costs per Acre	\$0	\$0	\$0	\$0	\$3,247	\$3,899		\$652	20%
Total Cost per Cwt	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	\$6.43	\$7.72		\$1.29	20%
Yield (cwt per acre)					505	505		0	

Note: This enterprise budget did not exist prior to 2007.

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

Chemicals & pesticides include: herbicides, insecticides, fungicides and sulfuric acid for vine desication (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.

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

Revised & verified

Southcentral Idaho Russet Burbank per acre costs from 2003 to 2008 and dollar and percentage change from 2003 to 2008: no storage costs.

Item	2003	2004	2005	2006	2007	2008	2009	Change	% Change
Operating Inputs									
Seed	\$237	\$212	\$209	\$256	\$278	\$306		\$69	29%
Fertilizer	\$205	\$213	\$257	\$276	\$330	\$578		\$373	182%
Chemicals/Pesticides	\$147	\$155	\$157	\$147	\$157	\$187		\$40	27%
Custom & Consultants	\$125	\$130	\$144	\$168	\$175	\$194		\$69	55%
Irrigation	\$78	\$75	\$82	\$78	\$86	\$93		\$15	19%
Machinery: F, O, L, R	\$86	\$98	\$110	\$137	\$125	\$172		\$86	100%
Labor	\$117	\$119	\$126	\$130	\$140	\$148		\$31	26%
Transload	\$25	\$27	\$33	\$36	\$39	\$41		\$16	64%
Other	\$85	\$86	\$85	\$93	\$100	\$106		\$21	25%
Operating Interest	\$24	\$26	\$35	\$50	\$54	\$57		\$33	138%
Total Operating Costs	\$1,129	\$1,141	\$1,238	\$1,371	\$1,484	\$1,882		\$753	67%
Operating Cost per Cwt	\$2.97	\$2.96	\$3.26	\$3.52	\$3.71	\$4.71		\$1.73	58%
Ownership Costs:									
Transloading Equip. Ownership *	\$32	\$32	\$32	\$32	\$34	\$38		\$6	19%
Field Equipment Ownership	\$112	\$138	\$147	\$167	\$177	\$193		\$81	72%
Land	\$310	\$350	\$350	\$375	\$450	\$525		\$215	69%
Overhead	\$27	\$28	\$31	\$34	\$37	\$47		\$20	74%
Management Fee	\$88	\$93	\$90	\$93	\$100	\$115		\$27	31%
Total Ownership Costs per Acre	\$569	\$641	\$650	\$701	\$798	\$918		\$349	61%
Ownership Cost per Cwt	\$1.50	\$1.66	\$1.71	\$1.80	\$2.00	\$2.30		\$0.80	53%
Total Costs per Acre	\$1,698	\$1,782	\$1,888	\$2,072	\$2,282	\$2,800		\$1,102	65%
Total Cost per Cwt	\$4.47	\$4.63	\$4.97	\$5.31	\$5.71	\$7.00		\$2.53	57%
Yield (cwt per acre)	380	385	380	390	400	400		20	5%

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

Chemicals & pesticides include: herbicides, insecticides, fungicides and sulfuric acid for vine desication (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 costs are mostly labor, but also include the operating and repair costs on an even-flow bin, conveyors, sizer with dirt eliminator and piler.

Revised & verified

Southcentral Idaho Russet Burbank per acre costs from 2003 to 2008 and dollar and percentage change from 2003 to 2008: with 4-1/2 months storage.

Item	2003	2004	2005	2006	2007	2008	2009	Change	% Change
Operating Inputs									
Seed	\$237	\$212	\$209	\$256	\$278	\$306		\$69	29%
Fertilizer	\$205	\$213	\$257	\$276	\$330	\$578		\$373	182%
Chemicals/Pesticides	\$155	\$164	\$166	\$157	\$157	\$187		\$32	21%
Custom & Consultants	\$60	\$61	\$68	\$78	\$83	\$90		\$30	50%
Irrigation	\$78	\$75	\$82	\$78	\$86	\$93		\$15	19%
Machinery: F, O, L, R	\$86	\$98	\$111	\$139	\$125	\$172		\$86	100%
Labor	\$117	\$119	\$126	\$129	\$140	\$148		\$31	26%
Storage	\$204	\$186	\$208	\$252	\$271	\$282		\$78	38%
Other	\$83	\$84	\$83	\$90	\$97	\$103		\$20	24%
Operating Interest	\$22	\$24	\$33	\$46	\$51	\$54		\$32	145%
Total Operating Costs	\$1,247	\$1,236	\$1,343	\$1,501	\$1,618	\$2,013		\$766	61%
Operating Cost per Cwt	\$3.28	\$3.21	\$3.53	\$3.85	\$4.05	\$5.03		\$1.75	53%
Ownership Costs:									
Storage System Ownership *	\$120	\$127	\$145	\$144	\$155	\$166		\$46	38%
Field Equipment Ownership	\$112	\$136	\$142	\$161	\$173	\$190		\$78	70%
Land	\$310	\$350	\$350	\$375	\$450	\$525		\$215	69%
Overhead	\$31	\$31	\$33	\$36	\$40	\$48		\$17	55%
Management Fee	\$85	\$93	\$93	\$98	\$110	\$125		\$40	47%
Total Ownership Costs per Acre	\$658	\$737	\$763	\$814	\$928	\$1,054		\$396	60%
Ownership Cost per Cwt	\$1.73	\$1.91	\$2.01	\$2.09	\$2.32	\$2.64		\$0.90	52%
Total Costs per Acre	\$1,905	\$1,973	\$2,106	\$2,315	\$2,546	\$3,067		\$1,162	61%
Total Cost per Cwt	\$5.01	\$5.12	\$5.54	\$5.94	\$6.37	\$7.67		\$2.65	53%
Yield (cwt per acre)	380	385	380	390	400	400		20	5%

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

Chemicals & pesticides include: herbicides, insecticides, fungicides and sulfuric acid for vine desication (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.

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

Revised & verified

Eastern Idaho Southern counties Russet Burbank per acre costs from 2003 to 2008 and dollar and percentage change from 2003 to 2008: no storage costs.

Item	2003	2004	2005	2006	2007	2008	2009	Change	% Change
Operating Inputs									
Seed	\$201	\$177	\$174	\$217	\$235	\$264		\$63	31%
Fertilizer	\$185	\$196	\$234	\$245	\$307	\$540		\$355	192%
Chemicals/Pesticides	\$100	\$99	\$108	\$102	\$94	\$111		\$11	11%
Custom & Consultants	\$84	\$96	\$107	\$122	\$133	\$146		\$62	74%
Irrigation	\$65	\$67	\$66	\$61	\$64	\$70		\$5	8%
Machinery: F, O, L, R	\$88	\$101	\$122	\$152	\$149	\$201		\$113	128%
Labor	\$114	\$115	\$123	\$127	\$126	\$133		\$19	17%
Transload	\$21	\$23	\$30	\$33	\$33	\$36		\$15	71%
Other	\$72	\$72	\$74	\$81	\$88	\$92		\$20	28%
Operating Interest	\$19	\$21	\$29	\$41	\$45	\$49		\$30	158%
Total Operating Costs	\$949	\$967	\$1,067	\$1,181	\$1,274	\$1,642		\$693	73%
Operating Cost per Cwt	\$2.97	\$2.98	\$3.14	\$3.37	\$3.69	\$4.76		\$1.79	60%
Ownership Costs:									
Transloading Equip. Ownership *	\$29	\$29	\$29	\$29	\$30	\$33		\$4	14%
Field Equipment Ownership	\$134	\$152	\$159	\$180	\$191	\$210		\$76	57%
Land	\$260	\$270	\$260	\$270	\$325	\$375		\$115	44%
Overhead	\$22	\$24	\$27	\$29	\$32	\$41		\$19	86%
Management Fee	\$74	\$76	\$81	\$84	\$90	\$100		\$26	35%
Total Ownership Costs per Acre	\$519	\$551	\$556	\$592	\$668	\$759		\$240	46%
Ownership Cost per Cwt	\$1.62	\$1.70	\$1.64	\$1.69	\$1.94	\$2.20		\$0.58	36%
Total Costs per Acre	\$1,468	\$1,518	\$1,623	\$1,773	\$1,942	\$2,401		\$933	64%
Total Cost per Cwt	\$4.59	\$4.67	\$4.77	\$5.07	\$5.63	\$6.96		\$2.37	52%
Yield (cwt per acre)	320	325	340	350	345	345		25	8%

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

Eastern Idaho Southern counties Russet Burbank per acre costs from 2003 to 2008 and dollar and percentage change from 2003 to 2008: with 4-1/2 monts storage costs.

Item	2003	2004	2005	2006	2007	2008	2009	Change	% Change
Operating Inputs									
Seed	\$201	\$177	\$174	\$217	\$235	\$264		\$63	31%
Fertilizer	\$185	\$196	\$234	\$245	\$307	\$540		\$355	192%
Chemicals/Pesticides	\$100	\$99	\$108	\$102	\$94	\$111		\$11	11%
Custom & Consultants	\$36	\$44	\$46	\$48	\$53	\$57		\$21	58%
Irrigation	\$64	\$67	\$66	\$61	\$64	\$70		\$6	9%
Machinery: F, O, L, R	\$88	\$101	\$122	\$152	\$147	\$195		\$107	122%
Labor	\$115	\$116	\$125	\$128	\$126	\$133		\$18	16%
Storage	\$172	\$168	\$185	\$226	\$234	\$243		\$71	41%
Other	\$70	\$70	\$72	\$79	\$85	\$89		\$19	27%
Operating Interest	\$19	\$21	\$29	\$39	\$44	\$47		\$28	147%
Total Operating Costs	\$1,050	\$1,059	\$1,161	\$1,297	\$1,389	\$1,749		\$699	67%
Operating Cost per Cwt	\$3.28	\$3.26	\$3.41	\$3.71	\$4.03	\$5.07		\$1.79	55%
Ownership Costs:									
Storage System Ownership *	\$97	\$104	\$122	\$129	\$138	\$145		\$48	49%
Field Equipment Ownership	\$135	\$152	\$158	\$179	\$185	\$209		\$74	55%
Land	\$260	\$270	\$260	\$270	\$325	\$375		\$115	44%
Overhead	\$26	\$26	\$29	\$31	\$35	\$44		\$18	69%
Management Fee	\$78	\$79	\$83	\$88	\$100	\$110		\$32	41%
Total Ownership Costs per Acre	\$596	\$631	\$652	\$697	\$783	\$883		\$287	48%
Ownership Cost per Cwt	\$1.86	\$1.94	\$1.92	\$1.99	\$2.27	\$2.56		\$0.70	37%
Total Costs per Acre	\$1,646	\$1,690	\$1,813	\$1,994	\$2,172	\$2,632		\$986	60%
Total Cost per Cwt	\$5.14	\$5.20	\$5.33	\$5.70	\$6.30	\$7.63		\$2.49	48%
Yield (cwt per acre)	320	325	340	350	345	345		25	8%

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

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

Irrigation includes water assessment, repair costs and power cost.

Machinery costs include fuel, oil, lube and repairs.

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