

Potato Cost of Production for Idaho

(Calculated on **PAID YIELD**)

Table 1: **Operating Cost of Production Per CWT For Irrigated Russet Burbank Potatoes By Region**

		Southwestern	Southcentral	Eastern - South	Southcentral	Eastern - South	Eastern - North
Line	Year	Russet Burbank with Fumigation	Russet Burbank with Fumigation	Russet Burbank with Fumigation	Russet Burbank No Fumigation	Russet Burbank No Fumigation	Russet Burbank No Fumigation
5	2012	\$ 5.00			\$ 4.63		
6	2013	\$ 4.89			\$ 4.63		
7	2014	\$ 4.93	\$ 5.02	\$ 4.95	\$ 4.56	\$ 4.57	\$ 4.48
1	2015	\$ 5.14	\$ 4.99	\$ 4.94	\$ 4.63	\$ 4.57	\$ 4.55
2	2016	\$ 4.69	\$ 4.47	\$ 4.47	\$ 4.07	\$ 4.16	\$ 4.15
3	2017	\$ 5.17	\$ 4.93	\$ 4.90	\$ 4.56	\$ 4.54	\$ 4.49
4	2018	\$ 5.13	\$ 4.94	\$ 5.02	\$ 4.66	\$ 4.57	\$ 4.59
	6-Yr % Chg	3%			1%		
	5-Yr % Chg (2013-18)	5%			1%		
	4-Yr % Chg	4%	-2%	2%	2%	0%	2%
	3-Yr % Chg	0%	-1%	2%	1%	0%	1%
	2-Yr % Chg	9%	11%	12%	14%	10%	11%
	1-Yr % Chg	-1%	0%	2%	2%	0%	2%

Table 2: **Ownership Cost of Production Per CWT For Irrigated Russet Burbank Potatoes By Region**

		Southwestern	Southcentral	Eastern - South	Southcentral	Eastern - South	Eastern - North
Line	Year	Russet Burbank with Fumigation	Russet Burbank with Fumigation	Russet Burbank with Fumigation	Russet Burbank No Fumigation	Russet Burbank No Fumigation	Russet Burbank No Fumigation
5	2012	\$ 2.24			\$ 2.41		
6	2013	\$ 2.25			\$ 2.46		
7	2014	\$ 2.45	\$ 2.38	\$ 2.33	\$ 2.58	\$ 2.52	\$ 2.37
1	2015	\$ 2.52	\$ 2.49	\$ 2.41	\$ 2.65	\$ 2.57	\$ 2.41
2	2016	\$ 2.54	\$ 2.44	\$ 2.41	\$ 2.59	\$ 2.58	\$ 2.39
3	2017	\$ 2.73	\$ 2.65	\$ 2.56	\$ 2.82	\$ 2.74	\$ 2.51
4	2018	\$ 2.72	\$ 2.70	\$ 2.60	\$ 2.93	\$ 2.74	\$ 2.55
	6-Yr % Chg	22%			21%		
	5-Yr % Chg (2013-18)	21%			19%		
	4-Yr % Chg	11%	13%	12%	13%	9%	8%
	3-Yr % Chg	8%	9%	8%	11%	7%	6%
	2-Yr % Chg	7%	11%	8%	13%	6%	7%
	1-Yr % Chg	0%	2%	1%	4%	0%	2%

Table 2: **Total Cost of Production Per CWT For Irrigated Russet Burbank Potatoes By Region**

		Southwestern	Southcentral	Eastern - South	Southcentral	Eastern - South	Eastern - North
Line	Year	Russet Burbank with Fumigation	Russet Burbank with Fumigation	Russet Burbank with Fumigation	Russet Burbank No Fumigation	Russet Burbank No Fumigation	Russet Burbank No Fumigation
5	2012	\$ 7.24	\$ -	\$ -	\$ 7.04	\$ -	\$ -
6	2013	\$ 7.14	\$ -	\$ -	\$ 7.09	\$ -	\$ -
7	2014	\$ 7.38	\$ 7.40	\$ 7.28	\$ 7.14	\$ 7.09	\$ 6.86
1	2015	\$ 7.66	\$ 7.48	\$ 7.34	\$ 7.28	\$ 7.14	\$ 6.96
2	2016	\$ 7.23	\$ 6.92	\$ 6.88	\$ 6.66	\$ 6.73	\$ 6.54
3	2017	\$ 7.89	\$ 7.58	\$ 7.46	\$ 7.38	\$ 7.29	\$ 7.00
4	2018	\$ 7.86	\$ 7.65	\$ 7.62	\$ 7.59	\$ 7.31	\$ 7.14
	95% 6-Yr % Chg	9%			8%		
	95% 5-Yr % Chg (2013-18)	10%			7%		
	95% 4-Yr % Chg	6%	3%	5%	6%	3%	4%
	95% 3-Yr % Chg	3%	2%	4%	4%	2%	3%
	90% 2-Yr % Chg	9%	11%	11%	14%	9%	9%
	90% 1-Yr % Chg	0%	1%	2%	3%	0%	2%

Notes: Reference Reports can be found on the following web page: <https://www.uidaho.edu/cals/idaho-agbiz/publications>

Line 3,4 Ref., Idaho Potato Commission, Potato Cost of Production for Idaho 2018 With Comparison to 2017, Table 12-A & 12-B, issued Jan.18, 2019

Line 2 Ref., Idaho Potato Commission, Potato Cost of Production for Idaho 2017 With Comparison to 2016, Table 12-A & 12-B, issued Jan.15, 2017

Line 1 Ref., University of Idaho Extension, BUL917, Potato Cost of Production for Idaho 2016 With Comparison to 2015, issued Nov. 2017

Line 5 Ref. 2013 Cost of Potato Production for Idaho With Comparison to 2012 - issued 2013-11-15

Line 6 Ref. 2013 Cost of Potato Production for Idaho With Comparison to 2012 - issued 2013-11-15

Line 7 Ref. 2014 Cost of Potato Production Study for Colorado, Idaho, Washington and Wisconsin - issued January 2015

* Cost calculations for the previous year can be different than those published in the previous year report if procedural changes occur in cost calculations. Therefore, the re-calculated prior year's costs are referenced in the above tables.

** These costs represent the field run base costs per CWT to Grow, Harvest, and Sort potatoes. The cost is defined as "the end of the pile boom". Not included in these costs is the cost of hauling to a processor or fresh pack shed, storage costs or packaging costs.

*** The cost of production estimates are the representative production costs by region based on documented production practices and are NOT average areas. The cost of producing potatoes for processing vs fresh markets is not separated.

GENERAL NOTES ON THE COP ANALYSIS

1. COP estimates show the typical or representative production costs by region based on documented production practices. These are not averages.

2. Methodology to determine COP estimates is consistent across previous reports produced by the University of Idaho.

3. The current COP format was adopted in 2013 and shows the cost to grow, harvest and sort potatoes, including all costs to the "end of the pile boom" and are influenced by the assumptions made in depicting a representative farm in each of the three regions.

4. Operating costs are not influenced by farm size, ownership costs do change with farm size due to economies of size and scale of equipment. The greater the number of acres managed by a farm the lower the ownership costs per acre.

5. The COP does not include cost of storage, washing, grading, or packing.

6. Crop costs and returns (CAR) estimates are used in the report to calculated gross review and break-even prices that are needed to cover costs in each of the regional categories. This calculation is dependent on yield assumptions. We do not refer to CAR estimates in our analysis. Yield data used in the report is based on the published USDA yield and includes all tubers greater than 1-1/2 inches. The CAR estimates do not segment yield into size and grade components that would sell at different prices. The breakeven CAR estimates in these reports show what a grower would have to average if paid on a field-run yield in order to cover costs. Breakeven for a operation would be higher and need to be based on paid yield.

7. Unresolved Yield Issue: Filled Run Vs Paid. USDA yields are used in the report to determine the COP estimates. To determine a more comparable COP per CWT the report discusses applying a paid yield of 90% for 2017 and 2018. Prior to 2017 it suggests 95%. The USDA derived yields applied in the