

## Potato Cost of Production for Idaho

(FIELD RUN YIELD) This is based on USDA Data, see note below

Table 1: **OPERATING (FIELD RUN)** Yield Per Acre For Irrigated Russet Burbank Potatoes By Region

Line	Year	Southwestern	Southcentral	Eastern - South	Southcentral	Eastern - South	Eastern - North
		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	531			415		
6	2013	530			410		
7	2014	525	460	415	420	380	355
1	2015	515	470	425	425	385	360
2	2016	505	475	420	430	380	360
3	2017	500	465	420	420	380	365
4	2018	505	470	420	420	385	365
6-Yr % Chg		-5%			1%		
5-Yr % Chg		-5%			2%		
4-Yr % Chg		-4%	2%	1%	0%	1%	3%
3-Yr % Chg		-2%	0%	-1%	-1%	0%	1%
2-Yr % Chg		0%	-1%	0%	-2%	1%	1%
1-Yr % Chg		1%	1%	0%	0%	1%	0%

(PAID YIELD)

Table 2: **OPERATING (PAID)** Yield Per Acre For Irrigated Russet Burbank Potatoes By Region

Assumption %	Year	Southwestern	Southcentral	Eastern - South	Southcentral	Eastern - South	Eastern - North
		Russet Burbank with Fumigation	Russet Burbank with Fumigation	Russet Burbank with Fumigation	Russet Burbank No Fumigation	Russet Burbank No Fumigation	Russet Burbank No Fumigation
95%	2012	504	-	-	394	-	-
95%	2013	504	-	-	390	-	-
95%	2014	499	437	394	399	361	337
95%	2015	489	447	404	404	365	342
95%	2016	479	451	399	408	361	342
90%	2017	450	418	378	378	342	329
90%	2018	454	423	378	378	346	328
6-Yr % Chg		-10%			-4%		
5-Yr % Chg		-10%			-3%		
4-Yr % Chg		-9%	-3%	-4%	-5%	-4%	-3%
3-Yr % Chg		-7%	-5%	-6%	-6%	-5%	-4%
2-Yr % Chg		-5%	-6%	-5%	-8%	-4%	-4%
1-Yr % Chg		1%	1%	0%	0%	1%	0%

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

Note from

Ref: Potato Cost of Production for Idaho 2018 With Comparisons to 2017, Issued January 18, 2019

### Unresolved Yield Issue: Field-Run vs. Paid

Regardless of how the area potato yields are calculated, how does this yield compare to the grower's paid yield? The answer will vary depending on whether the potatoes are sold in the fresh or in the process market. The yield data from USDA includes all tubers greater than 1-1/2 inches. Since the University of Idaho CAR estimates do not segment yield into size and grade components that would sell for different prices, the breakeven prices shown in the CAR estimates are what the grower would have to average if paid on a field-run yield in order to cover costs. The issue of paid yield is dealt with in the storage tables for each crop budget found in the Appendix: Tables A-2, B-2, C-2, D-2, E-2 and F-2. One column in each table shows the field-run breakeven prices and an adjacent column shows paid-yield breakeven prices for an assumed paid yield of 90%. Prior to 2017 the paid yield used was 95%.