



PRESS RELEASE



NATIONAL AGRICULTURAL STATISTICS SERVICE

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Potato Size and Grade Summary – 2017 Crop

The statistics in this publication were obtained from the 2017 Potato Objective Yield Survey. Sample plots were located in potato fields randomly selected using a scientifically designed sampling procedure. Field workers recorded counts and measurements within the field and then harvested six hills per sample. Potatoes were sent to laboratories for sizing and grading according to accepted United States fresh grading standards. Data in these tables are rounded actual field counts from this survey.

Idaho: Long potatoes (Russet only) weighing 10 oz. or more comprised 28.5 percent of the total, down from 29.1 percent in 2016. Potatoes that met the 2.0 inch or 4 oz. minimum size and grade requirements for U.S. No. 1 potatoes were 79.7 percent of the total, down from 82.0 percent last year. Processing grade and U.S. No. 2 potatoes, with a 1.5 inch minimum, accounted for 15.0 percent of the 2017 crop.

Oregon: Long potatoes (Russet, Shepody, Prospect, and Defender) weighing 10 oz. or more were 43.4 percent of the total, down from 44.9 percent in 2016. The percent of long potatoes meeting U.S. No. 1 standards was 80.8 percent, up from 80.5 percent a year ago. Processing and U.S. No. 2 potatoes, with a 1.5 inch minimum, accounted for 14.7 percent of the 2017 crop.

Washington: Long potatoes (Russet, Shepody, Prospect, and Defender) weighing 10 oz. or more comprised 37.6 percent of the total, down from 37.9 percent in 2016. The percent of long potatoes meeting U.S. No. 1 standards was 86.6 percent, up from 82.4 percent a year ago. Processing and U.S. No. 2 potatoes accounted for 9.7 percent of the 2017 crop.

Fall Potato Grading Categories by Type — Idaho, Oregon, and Washington: 2016-2017

[Gross yield basis.]

Type and State	No. 1 2 inch minimum ¹		No. 2 or processing usable 1 1/2 inch minimum ¹		Cull ²	
	2016 (percent)	2017 (percent)	2016 (percent)	2017 (percent)	2016 (percent)	2017 (percent)
Round white potatoes						
Oregon.....	91.6	87.7	5.6	6.8	2.8	5.5
All long potatoes ³						
Idaho ⁴	82.0	79.7	13.4	15.0	4.6	5.3
Oregon.....	80.5	80.8	15.0	14.7	4.5	4.5
Washington.....	82.4	86.6	12.2	9.7	5.4	3.7

¹ Potatoes which meet the requirement for United States #1 or #2, as stated in United States Standards for Grades of Potatoes, United States Department of Agriculture, Agricultural Marketing Service.

² Potatoes not meeting the requirement for United States #1 or #2, as stated in United States Standards for Grades of Potatoes, United States Department of Agriculture, Agricultural Marketing Service.

³ Includes Russet, Shepody, Prospect, and Defender varieties unless otherwise indicated.

⁴ Russets only.

Fall Potato Number of Hills by Type — Idaho, Oregon, and Washington: 2013-2017

State and year	Reds		Whites		Yellows		Russets	
	Samples (number)	Average number of hills per acre (number)	Samples (number)	Average number of hills per acre (number)	Samples (number)	Average number of hills per acre (number)	Samples (number)	Average number of hills per acre (number)
Idaho								
2013	7	12,944	6	12,565	(D)	(D)	188	12,793
2014	5	14,147	7	13,051	3	13,419	174	12,875
2015	8	13,960	6	12,780	(D)	(D)	182	12,720
2016	6	14,349	5	12,082	(D)	(D)	184	12,233
2017	8	15,190	6	13,232	6	15,173	151	12,927
Oregon.....								
2013	(D)	(D)	14	12,926	(D)	(D)	60	12,627
2014	4	9,772	17	11,584	3	10,663	76	12,848
2015	4	13,138	16	11,269	3	11,195	70	12,864
2016	(D)	(D)	25	10,945	-	-	60	11,449
2017	3	12,376	28	13,097	3	11,063	56	12,814
Washington.....								
2013	5	18,686	12	15,693	(D)	(D)	80	15,271
2014	3	17,070	13	15,419	7	20,933	111	14,663
2015	6	20,170	12	15,669	5	13,988	104	14,867
2016	5	17,745	16	14,726	4	17,932	103	14,119
2017	8	18,363	8	13,427	4	14,721	78	14,058

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

Fall Potato Harvest Loss by Type — Idaho, Oregon, and Washington: 2013-2017

State and year		Reds	Whites	Yellows	Russets	All types
		(cwt per acre)	(cwt per acre)	(cwt per acre)	(cwt per acre)	(cwt per acre)
Idaho	2013	(D)	18	-	29	27
	2014	(D)	-	-	23	23
	2015	(D)	(D)	(D)	17	17
	2016	-	(D)	-	22	22
	2017	(D)	(D)	(D)	24	22
Oregon	2013	-	(D)	-	21	24
	2014	(D)	24	-	16	17
	2015	(D)	(D)	-	29	27
	2016	(D)	21	-	16	17
	2017	(D)	20	-	21	21
Washington	2013	(D)	(D)	-	20	19
	2014	-	33	-	18	20
	2015	-	14	-	15	15
	2016	(D)	34	-	23	26
	2017	-	(D)	-	18	18

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

All Long Potato Size Categories — Idaho, Oregon, and Washington: 2016-2017

[Gross yield basis. Includes Russet, Shepody, Prospect, and Defender varieties]

	Inches			Ounces									
	1 1/2 to 1 5/8	1 5/8 to 1 7/8	1 7/8 to 2	2 inch or 4-6 ounce	6	7	8	9	10	11	12	13	14 and over
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
2016													
Idaho ¹	1.0	5.1	3.5	28.0	10.4	8.6	8.0	6.3	5.4	4.5	3.7	2.9	12.6
Oregon	0.8	3.2	2.6	18.1	8.9	7.1	7.7	6.7	7.2	5.2	5.6	4.5	22.4
Washington.....	0.6	2.8	2.3	22.1	9.5	8.6	9.2	7.0	6.7	4.9	4.8	4.1	17.4
2017													
Idaho ¹	1.6	5.9	5.9	23.8	11.1	8.6	7.3	7.3	5.4	4.8	3.9	3.4	11.0
Oregon	1.5	4.1	4.0	17.4	7.8	7.1	8.3	6.4	10.2	5.2	4.7	3.9	19.4
Washington.....	0.9	3.0	3.9	19.8	10.0	8.8	9.1	6.9	8.9	5.3	4.1	3.6	15.7

¹ Russets only.

Round Potato Size Categories by Type — Oregon: 2016-2017

[Gross yield basis.]

Type and year	Inches						
	1 1/2 to 1 7/8	1 7/8 to 2	2 to 2 1/4	2 1/4 to 2 1/2	2 1/2 to 3 1/2	3 1/2 to 4	4 inches and over
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
White potatoes							
2016	2.3	2.6	9.9	12.9	56.9	11.2	4.2
2017	2.7	3.6	13.9	19.6	45.2	13.0	2.0

Fall Potato Acreage by Variety

The National Agricultural Statistics Service collects variety data in seven States, accounting for 83 percent of the 2017 United States fall potato planted acres. The seven States conduct objective yield surveys where all producing areas are sampled in proportion to planted acreage. Variety data are actual percentages from these surveys.

In the Northwest Region, the following varieties accounted for 10 percent or more of acres planted in 2017. In Idaho, the Russet Burbank variety accounted for 48.3 percent of the potato acreage planted. Russet Norkotah accounted for 17.1 percent of plantings, and Ranger Russet was 14.4 percent. In Oregon, the Russet Norkotah variety accounted for 18.4 percent of planted acres. This was followed by Russet Burbank at 14.4 percent of plantings, Umatilla Russet at 13.2 percent, Frito-Lay at 12.0 percent, and Ranger Russet at 10.7 percent of planted acres. In Washington Russet Burbank accounted for 26.8 percent of acreage planted, Umatilla Russet accounted for 13.5 percent of plantings, followed by Ranger Russet at 11.5 percent of plantings.

The most common variety in the seven states conducting the objective yield survey was Russet Burbank which accounted for 38.0 percent of acres planted in the seven states. This was followed by Russet Norkotah at 10.4 percent, and Ranger Russet at 8.9 percent of planted acres.

**Percent of Fall Potatoes Planted to Major Varieties — Idaho, Oregon, Washington, and Seven-State
Total: 2016-2017**

[The Seven State total includes Idaho, Maine, Minnesota, North Dakota, Oregon, Washington, and Wisconsin]

State and variety	Percent of planted acres		State and variety	Percent of planted acres	
	2016	2017		2016	2017
Idaho			Total (seven states)		
Russet Burbank.....	51.3	48.3	Russet Burbank	40.9	38.0
R Norkotah	16.7	17.1	R Norkotah	11.9	10.4
Ranger R	13.1	14.4	Ranger R.....	9.5	8.9
Umatilla.....	2.1	2.4	Umatilla R	6.8	7.8
Clearwater	1.4	2.4	Frito-Lay.....	4.6	3.6
Bannock.....	1.9	2.3	Norland.....	2.7	2.3
Nor Donna	(NA)	2.0	Dark Red Norland	(NA)	2.2
Dark Red Norland.....	(NA)	1.9	Clearwater.....	1.5	2.1
Frito-Lay	(NA)	1.2	Shepody.....	1.0	1.9
Agata	(NA)	1.0	Bannock.....	1.5	1.6
Alturas	1.7	(NA)	Prospect.....	2.2	1.6
Norland.....	1.1	(NA)	Alturas.....	2.3	1.6
Other.....	10.7	7.0	Chieftain	0.9	1.3
Oregon			Lamoka	1.0	0.8
R Norkotah	17.5	18.4	Snowden	0.8	0.8
Russet Burbank.....	12.1	14.4	Nor Donna.....	0.2	0.8
Umatillas.....	17.4	13.2	Dakota Pearl	0.9	0.7
Frito-Lay	5.9	12.0	Agata.....	0.2	0.7
Ranger R	11.2	10.7	Goldrush	1.3	0.6
Shepody	9.4	7.6	Atlantic	0.5	0.5
Alturas	7.5	7.0	Silverton	0.6	0.5
Lamoka.....	2.7	2.9	Dakota Russet	0.2	0.5
Clearwater	4.1	2.8	Satina.....	0.1	0.4
Ciklamen.....	(NA)	2.2	Ciklamen	(NA)	0.4
Dakota Pearl.....	(NA)	1.7	Sangre.....	(NA)	0.3
Yukon Gold.....	(NA)	1.7	Teton.....	0.3	0.3
Premier.....	(NA)	1.6	Yukon Gold	0.3	0.3
Agata	(NA)	1.1	Superior.....	0.3	0.3
Pike.....	4.7	(NA)	Red Pontiac	0.1	0.3
Atlantic.....	1.9	(NA)	Classic.....	0.4	0.2
Defender.....	1.8	(NA)	Colorado Rose	0.1	0.2
Dakota Crisp.....	1.2	(NA)	Pike.....	0.3	0.2
Other.....	2.6	2.7	Red la Soda	0.4	0.2
Washington			Waneta.....	0.1	0.2
Russet Burbank.....	31.1	26.8	Premier.....	(NA)	0.2
Umatilla R	12.9	13.5	Caribou.....	(NA)	0.2
Ranger R	14.4	11.5	Nadine.....	0.1	0.2
R Norkotah	13.3	8.2	Cal White	0.1	0.2
Shepody	1.8	6.5	Alpine.....	0.2	0.2
Chieftain	3.4	5.5	Dakota Rose	0.1	0.2
Clearwater	3.0	4.3	Cascade.....	0.1	0.2
Alturas	5.9	4.2	Milva.....	(NA)	0.2
Bannock.....	(NA)	1.3	Western Russet	0.4	0.1
Satina.....	(NA)	1.3	Cultivate	0.2	0.1
Snowden.....	(NA)	1.1	Keuka Gold	0.1	0.1
Agata	(NA)	1.1	Norwis	0.2	0.1
Frito-Lay	4.2	(NA)	White Pearl	(NA)	0.1
NW 1.....	1.5	(NA)	Ivory Russet	(NA)	0.1
Bintje.....	1.5	(NA)	Russet Nugget	(NA)	0.1
Lamoka.....	1.1	(NA)	Challenger.....	(NA)	0.1
Other	5.9	14.7	Blazer.....	0.1	0.1
			Pinnacle.....	(NA)	0.1
			Ivory Crisp.....	0.1	0.1
			Alegria.....	0.1	0.1
			Dakota Crisp	0.1	0.1
			Cecile	(NA)	0.1
			Manistee	(NA)	0.1
			Elfe	(NA)	0.1
			Purple Majesty	(NA)	0.1
			Almera.....	(NA)	0.1
			Bintje	0.3	(NA)
			Innate.....	0.3	(NA)
			NW1	0.3	(NA)
			Highland.....	0.2	(NA)
			Innovator.....	0.1	(NA)
			Hi Lite Russet.....	0.1	(NA)
			Canella.....	0.1	(NA)
			Defender	0.1	(NA)
			Modoc.....	0.1	(NA)
			Gala.....	0.1	(NA)
			Ontario	0.1	(NA)
			All Blue.....	0.1	(NA)
			Other	2.3	4.1

(NA) Not available.

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