

Oregon State University - Seed Certification Service

POTATOES QUALIFYING FOR CERTIFICATION IN OREGON 2017

FIELD READINGS

Acres: This is a list of seed potato fields entered for field inspection in Oregon in 2017, with the field inspection reading for each. Total acres qualifying for certification based on field readings in 2017 were 3.168.3

Additional Copies: This report, and copies of the **Oregon Seed Potato Certification Standards**, may be obtained directly from the Seed Certification Office, 031 Crop Science Bldg., Oregon State University, Corvallis, OR 97331-3003. Telephone (541) 737-4513. E-Mail: <mailto:osu-cert@oregonstate.edu>.

They are also posted on our web site at: <http://seedcert.oregonstate.edu/potatoes>

Special Report Number 008

9-18-2017

FIELD READINGS 2017 - TABLE OF CONTENTS

Limited Generation Classification & Field Tolerances	iii
Abbreviations Used In This Book & Sub Classes	iv
Explanation of Variety Types and Tag colors	v

Grower Contact Information	vi
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<u>Variety</u>	<u>Type</u>	<u>Page</u>
Alturas	Pr	
AmaRosa	Pr	
AO96141-3 (Echo Russet)	PR-Exp	
Apache	Pr	
<u>Atlantic</u>		
ATTX961014-1R/Y	Pr-Exp	2
Austrian Crescent	Her	
Banana	Her	
Canela Russet	Pr	
<u>Chieftain</u>		
Classic Russet	Pr	3
Clearwater Russet	Pr	
Colorado Rose	Pr	
Dakota Ruby	Pr	
DarkRed Chieftain	Pr	
<u>Elfe</u>		
French Fingerling	Her	4
<u>Gala</u>		
GemStar Russet	Pr	5
HO2000 (“Blushing Belle”)		
IPM-ABR		
Jacqueline Lee	Pr	
Lady Amarilla	Pr	
<u>Lamoka</u>		
Modoc	Pr	6
<u>Moonlight</u>		
MSR061-1	Pr-Exp	7
Perline	Pr	
Pike		
POR12PG69-2	Pr-Exp	

Summary Tables (end of booklet after lot readings)

Sources of Oregon Seed Stock (by state and class)	vii
Summary of Acres- County by Year (2001-2017)	viii
Summary of Acres - Variety by Area	ix
Limited Generation Terminology	x

<u>Variety</u>	<u>Type</u>	<u>Page</u>
POR12PG69-2	Exp	
Purple Majesty	Pr	8
Purple Pelisse	Pr	
Ranger Russet		
Rose Finn Apple	Her	
<u>Russet Burbank</u>		
Russet Norkotah		9
Russet Norkotah – Selection 3	Pr	
<u>Russet Norkotah 278</u>		
Russet Norkotah 296	Pr	10
<u>Russian Banana</u>		
Shepody		11
Smilin Eyes	Pr	
Snowden		
Toscana	Pr	
TX1523-1RU/Y (“Sierra Gold”)	Pr	
<u>Umatilla Russet</u>		
Waneta	Pr	12
<u>Yukon Gold</u>		
Proprietary “DO NOT Publish” lots		13

NOTE – for “Type”:

- ☞ *Exp* - denotes “Experimental Variety” – White tag only
- ☞ *Pr* - denotes “Proprietary Variety” (restrictions on sale)
- ☞ *Her* - Heirloom varieties. Some variation in genetic type by source may be expected.
- ☞ Proprietary varieties with “DO NOT PUBLISH” designations by the variety owner are listed at the end of this report by grower and lot numbers only.

Oregon State University - Seed Certification Service

Limited Generation Classification In Oregon

Class ^{*5}	Source (min)	Years in Field (max)	Required Testing	Crop History ^{*2} (no potatoes)	Special Require ^{*3}
Pre-Nuclear	in vitro	0	1% ^{*1}	GH	App. GH
Nuclear	Pre-Nuclear	1	25%	3 years	PVY ^{*6}
Generation 1	Nuclear	2	500 lev/a	3 years	PVY
Generation 2	G1	3	none	2 years	
Generation 3	G2	4	none	2 years	
Generation 4	G3	5	none	1 year	
Generation 5	G4	6	none	1 year	No Re-cert.

*1 **Pre-Nuclear - Greenhouse plant material** (transplants or minitubers) derived from mother plants that have been tested and found free of PVX, PVY, PVM, PVS, PVA, PLRV, and any other rod shaped viruses, spindle tuber viroid, *Clavibacter michiganense* subsp. *sepedonicus* and *E. carotovora*. Stock must be increased via tissue culture or stem-cutting techniques and tested in the greenhouse at 1% level for PVX, PVY, PLRV, ECa & ECc, and BRR. Lots not qualifying for Pre-Nuclear Class are downgraded to a class for which standards are met in regards to disease tolerances (see “Standards” for additional information on tolerances).

*2 Unless prior crop was a higher class and same variety. **Abbreviations:** min=minimum, max=maximum, GH=insect proof approved greenhouse.

*3 Special requirements: see standards for explanations. Available at: <http://seedcert.oregonstate.edu/potatoes>.

*4 Zero tolerances for **Potato Spindle Tuber Viroid, Bacterial Ring Rot, Root Knot and Potato Cyst Nematodes**, at all generation. Disease caused by **Phytoplasma** (i.e., Purple Top, Aster Yellow, etc.) or **Liberobacter** (Zebra Chip) are reported but are not counted against the class unless severe enough to mask scoring of other diseases. See Standards for additional information on tolerances.

*5 Subclasses defined on next page, and include Own-Use-Only (-OUO), -PVX, -PVY, -PVX,PVY. and Experimental Line Selection Program (-ELP)

Field Inspection Tolerances ^{*4}

Inspection	Leafroll	Mosaic	Blackleg ^{*7}	Variety mixture /off types	*Latent Virus *Testing	PVX	PVY
F	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	0.05	0.1	0.1	0.0	1.0	0.1	0.1
1 st	0.2	0.3	0.3	0.2	0.2	0.2	0.2
2 nd	0.1	0.2	0.2	0.1	3.0	0.2	0.2
1 st	0.5	2.0	3.0	0.5	0.5	0.5	0.5
2 nd	0.25	1.0	1.0	0.25	6.0	1.0	1.0
**	←*same as G3*→						
1 st	0.5	3.0	3.0	2.0	6.0	2.0	2.0
2 nd	0.25	2.0	1.0	0.5	6.0	2.0	2.0

*6 PVY ‘latent varieties’ only (as defined in the Standards). Growers of Nuclear and G1 class lots may forgo virus testing in the field provided they submit a Winter Grow-out sample of at least 220 tubers. Such lots are classified as N-OUO or G1-OUO (Nuclear/G1 class – own use only) and cannot be sold. Failure to submit a WGO sample or sale of such lots results in a downgrading to G2 class.

*7 Potato plants infected with **Blackleg** are counted and recorded during the field inspection for those plans showing above ground symptoms only (defined as ‘typical inky black stems near the soil surface without obvious symptoms of White Mold (*Sclerotinia sclerotiorum*)’). Although estimates of blackleg percentages are routinely collected by field inspectors, this data is not necessarily a reliable indicator of blackleg occurrence in the next year’s crop grown from any given seed lot. Environmental conditions and varietal response to infection can either magnify or suppress blackleg symptom expression sufficiently to prevent a reasonable correlation between the seed source reading and the crop health of the next crop grown.

ABBREVIATIONS

BRR	Bacterial Ring Rot (laboratory confirmed).
CH	Chemical injury. Indicated only when observed on 2 nd (or 3 rd) inspection. “Trace” unless otherwise noted.
(Exp)	Experimental seed stock - not in certification as an OSCS approved variety. Field inspected and met tolerance for class indicated. May either be produced under the Limited Generation or EXC program. Eligible for WHITE TAGS only.
(Her)	Heirloom Variety - no authoritative source clone. Some variation in genetic type by source may be expected.
HGH	Hold for Winter Grow-out.
LR	Leafroll (disease caused by Potato Leafroll Virus).
MO	Mosaic (virus induced, Potato Virus Y &/or Potato Virus A).
OV/GT	OV = other variety (includes volunteers). Includes genetic mutants of the same variety, i.e. a chimera (= GT).

Sub-classes in Oregon:

OUO	= Own Use Only (current year) may not be sold as certified seed.
PLRV	= tested for PLRV by ELISA from leaves sampled and found to be below the tolerance level of this virus for the specified class.
PVX	= tested for PVX by ELISA from leaves sampled and found to be below the tolerance level of this virus for the specified class.
PVY	= tested for PVY by ELISA from leaves sampled and found to be below the tolerance level of this virus for the specified class.
ELP	= Experimental Line Selection Program (-ELP). See Standards for explanation. Lots consist of multiple source material of the same variety being selected for superior traits.

NOTE: See the Standards (<http://seedcert.oregonstate.edu/potatoes>) for more information on sampling rates of each sub-class.

Seed Source Origin References As Noted Under Lot

CA	California	NE	Nebraska	<u>Canada</u>
CO	Colorado	ND	North Dakota	- Saskatchewan = C-SK
ID	Idaho	OR	Oregon	- Alberta = C-AB
ME	Maine	WA	Washington	- British Columbia = C-BC
MI	Michigan	WI	Wisconsin	- Prince Edward Is. = C-PE
MN	Minnesota			- New Brunswick = C-NB
MT	Montana			- Prov. not specified = CND

(see also notes at end of field reading section, Page 14)

PLO	Plants with phytoplasma -like symptoms (i.e. Aster Yellows, Purple Top, etc.). “Trace” unless otherwise noted.
PVX	ELISA tested for Potato Virus X and meets or exceeds tolerances.
PVY	ELISA tested for Potato Virus Y and meets or exceeds tolerances.
(Pr)	Proprietary Variety - A variety that cannot be certified without the express permission of the variety’s owner (see “Definitions’ in Standards).
REJ	Rejected (tolerances exceeded).
SSD	Seed Source Documentation (pending).
SSAC	Seed Source Acceptability, needed to establish for recertification.
TC MP	Tissue cultured mother plant, pathogen tested as noted in Standards.
TR	Transplants (1 inspection).
VarAc.	Variety Acceptance , as in “Pending Variety Acceptance”.
WD	Withdrawn , BRR inspection still required.

Explanation of Variety Types and Tag colors

Variety Types

OSCS divides certified varieties into 4 groups:

1. **Public Variety:** Fully released variety with no restrictions on production by owner/breeder (blank, i.e., no demarcation after variety name in these Field Readings).
2. **Proprietary Variety (*Pr.*):** Fully reviewed & released variety, but one that cannot be certified without the express permission of the variety's owner (or designated agent) for production by a specified seed grower in Oregon. Information on variety status and owners can be found at:
<http://seedcert.oregonstate.edu/sites/default/files/potato/PIE/varietyidownerschart.pdf>
3. **Experimental Varieties (*Exp* & *Exp-H*):** Varieties that have not been 'released' by a public institution, or for which insufficient data exist to accept as a fully 'released' variety by the Oregon Certification Variety Review Committee (see Handbook - Part V for requirements). Experimental varieties are only eligible for a 'white tag' and are further divided into two groups:
 - A. True '**Experimental**' (*Exp*): A Variety being tested for future release as a fully accepted variety, generally an alphanumeric.
 - B. **Heirloom varieties (*Her*):** Variety for which there is no known or living breeder, generally older 'public' variety of uncertain origin or parental lines, and for which some variation may occur among 'clones' of different sources with the same 'variety name'.

See the Potato Standards – Appendix A for a listing of varieties currently accepted for certification by OSCS. The 2017 OSCS Potato Standards are available at:
<http://seedcert.oregonstate.edu/potatoes>

Tag Colors:

Three colors of tags are available for use on Oregon Certified Seed Potatoes. The color of tag designates grade and variety status. Varieties accepted into the OSCS Program receive either a

1. **Blue Tag** that represents the U.S. No. 1 Blue Tag Seed Potato Grade (for non-'experimental' varieties only)
2. **Yellow Tag** that represents the Contract Grade between buyer and seller (for non-'experimental' varieties only).
3. **White tag** that represents "Experimental" varieties or lines (including 'Heirloom varieties'). Grade is not implied by tag color.

See Potato Standards Part VI-B (page 10) for additional information. The seed class, grade, and variety status, will be printed on the tag and/or identified on the Shipping Certificate.

Winter Grow-out Requirement:

All Oregon seed eligible for re-certification must be evaluated in a winter grow-out (WGO). Viral ELISA alone is only acceptable substitute for a WGO under a pre-approved 'special case' exemption.

Oregon Seed Potato Growers 2017**9-15-17****Cal-Ore Seed, Inc.**

c/o Mark Campbell
 7512 Yonna Dr, Bonanza, OR 97623
 541-281-2947
mark@caloreseed.com

Easy Growing

c/o Scotty Fenters
 7787 Bluegill Rd Klamath Falls Or
 97603
 541-591-9414 (m);
fenterss@gmail.com

Lane Farms

c/o Rob Lane
 60215 Peach Rd, La Grande, OR
 97850
 541-786-5263; 541-963-9876
www.lanefarms.com
rob@lanefarms.com

Rajnus Seed, Inc.

c/o George Rajnus
 25081 Schaupp Rd, Klamath Falls,
 OR 97601
 541-723-4592
georgerajnus@outlook.com

Cascade Seed Potato

c/o Lon Baley
 PO Box 417, Malin, OR 97632
 541-205-1477
lonbaley@hotmail.com

Grande Ronde Seed Farm

c/o Phil Rathburn
 P.O. Box 909, LaGrande, OR
 97850
 541-663-0680
prathbun@rdoffutt.com

Macy Farms, LLC.

c/o Mike Macy
 5287 SW Macy Lane, Culver, OR
 97734
 541-546-4424
macyfarms@gmail.com

Shadow Hill Farms LLC

c/o Ty Rajnus
 20570 Paygr Rd, Malin, OR 97632
 (541) 591-5605
tyrajnus@yahoo.com

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Shasta Seed Farm

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jww@golddustfarms.com
 (John Walker)

CSS Farms

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 1030 North Center Parkway
 Kennewick, WA 99336
 206 898-3945;
reagan.grabner@cssfarms.com
 509 221-0937;
mick.peck@cssfarms.com

K-Diamond Farms

c/o Brent Kerns
 45298 Pocahontas Rd
 Haines, OR 97833
 (541) 403-1212;
kdiamondbrent@gmail.com

North Slope Hay Company

c/o Sheldon Heffernan
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 North Powder, OR 97867
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Stastny, Ed Jr.

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Oregon Field Readings 2017

Variety	Grower	Source			Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2	
		State	Class	OSCS Lot #			LR	MO	CA	BL	OV/OT				
Alturas (Proprietary)															
	Grande Ronde Seed Farm	MT	G3	17-193	46.0	1									G4
						2		0.12							
	Grande Ronde Seed Farm	MT	G3	17-194	63.0	1									G4
						2		0.05							
AmaRosa (Proprietary)															
	Cal-Ore Seed, Inc.	OR	G1	17-302	6.4	1									G2
						2									
	North Slope Hay Company	ID	G1	17-007	2.0	1									G2
						2			0.08						
AO96141-3 (Echo Russet) (Experimental)															
	OPVDP *6	OR	PN (TC)	17-102	0.01	1									N
						2									
						3									
Apache (Proprietary)															
	North Slope Hay Company	ID	G3	17-002	26.0	1									G4
						2									
Atlantic															
	Cal-Ore Seed, Inc.	OR	G2	17-401	30.5	1									G3
						2		0.02							
	CSS Farms	OR	G1	17-012	15.5	1									G2
						2		0.20							
	Macy Farms, LLC	BC	E-2	17-03	28.0	1									G3
						2									
	Madras Farms	BC	E2/GEN 2	17-101	23.2	1			0.03						G3
						2									
	Madras Farms	OR	G 3	17-102	9.8	1									G4
						2									

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2	
		State	Class				LR	MO	CA	BL	OV/OT				
Atlantic (continued)															
	North Slope Hay Company	ID	G1	17-006	2.0	1									G2
						2									
ATTX961014-1R/Y (Experimental)															
	Cal-Ore Seed, Inc.	ND	G2	17-404	20.5	1									G3
						2			0.05						
Austrian Crescent (Heirloom)															
	Easy Growing	CO	N (OR=PN)	17-3	0.01	1									N
						2									
	Easy Growing	OR	N	17-7	0.1	1			0.06						G1
						2									
Banana (Heirloom)															
	North Slope Hay Company	ID	G2	17-009	8.0	1									G3
						2									
Canela Russet (Proprietary)															
	Shadow Hill Farm LLC	CO	G3 (OR-G2)	17-01	30.0	1									G3
						2		0.02							
Chieftain															
	Stastny, Ed Jr.	ID	G3	17-002	20.0	1									G4
						2		0.16							
	Stastny, Ed Jr.	ID	G3	17-007	3.0	1		0.14	0.07						Pending
						2		0.22		0.07			*5		
	Stastny, Ed Jr.	OR	G3	17-008	1.0	1		0.30							G4
						2		0.08	0.08	0.08					

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2
		State	Class				LR	MO	CA	BL	OV/OT			
Classic Russet (Proprietary)														
Cascade Seed Potato		OR	G1	17-01	10.5	1								G2
						2								
Cascade Seed Potato		OR	N	17-13	1.9	1			0.01				G1	
						2			0.03		0.01			
Cascade Seed Potato		NE	PN	17-20	0.1	1							N	
						2			0.19		0.10			*3
Clearwater Russet (Proprietary)														
Grande Ronde Seed Farm		NV	G1	17-200	62.0	1							G2	
						2								
Grande Ronde Seed Farm		NV	G1	17-201	61.0	1							G2	
						2								
Grande Ronde Seed Farm		NV	G1	17-202	19.0	1							G2	
						2								
Colorado Rose (Proprietary)														
K-Diamond Inc.		WA	G1	17-01	1.0	1							Pending	
						2								*7
Dakota Ruby (Proprietary)														
Cascade Seed Potato		OR	N	17-14	1.8	1		0.05	0.04				G1	
						2		0.02	0.16					
Cascade Seed Potato		OR	G1	17-16	4.5	1			0.49		0.10		G2	
						2			0.29					
DarkRed Chieftain (Proprietary)														
North Slope Hay Company		ID	G1	17-008	2.0	1					0.08		G2	
						2								
Elfe (Proprietary)														
Cascade Seed Potato		OT	G2	17-08	11.3	1							G3	
						2			0.06					

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2
		State	Class				LR	MO	CA	BL	OV/OT			
French Fingerling (Heirloom)														
	North Slope Hay Company	ID	G1	17-010	7.0	1		0.08						
						2								G2
Gala (Proprietary)														
	CSS Farms	NE	G1	17-001	3.9	1								
						2								G2
	CSS Farms	NE	N	17-002	44.4	1			0.01					
						2					PLO (0.01%)			G1
	CSS Farms	NE	G1	17-003	38.7	1			0.02					
						2								G2
	CSS Farms	NE	G1	17-004	20.6	1								
						2								G2
	CSS Farms	OR	G1	17-005	99.1	1								
						2								G2
	CSS Farms	OR	G1	17-006	90.0	1								
						2								G2
	CSS Farms	OR	G1	17-007	24.0	1								
						2								G2
	CSS Farms	OR	G1	17-010	38.2	1								
						2								G2
	CSS Farms	OR	G1	17-013	83.9	1								
						2								G2
	CSS Farms	OR	G1-PVY	17-016	39.6	1								
						2								G2
	CSS Farms	OR	G1-PVY	17-017	95.1	1								
						2								G2

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2	
		State	Class				LR	MO	CA	BL	OV/OT				
GemStar Russet (Proprietary)															
Stastny, Ed Jr.		BC	E2 (OR=G2)	17-001	40.0	1									G3
						2		0.02							
Stastny, Ed Jr.		OR	G4	17-005	11.0	1		0.07						G5	
						2		0.06	0.03						
HO2000 ("Blushing Belle")															
Macy Farms, LLC		AB	E-2 (OR=G2)	17-10	29.0	1								G3	
						2									
Macy Farms, LLC		AB	E-2 (OR=G2)	17-11	27.5	1								G3	
						2			0.02						
Macy Farms, LLC		AB	E-2 (OR=G2)	17-12	27.0	1								G3	
						2			0.02						
IPM-ABR															
Cheyne Bros.		AB	E2	17-4	8.9	1								G3	
						2									
Cheyne Bros.		AB	E2 (OR=G2)	17-7	3.8	1								G3	
						2									
North Slope Hay Company		NE	G2	17-001	30.0	1								G3	
						2									
Jacqueline Lee (Proprietary)															
Cal-Ore Seed, Inc.		ND	G1	17-304	8.0	1								G2	
						2									
Lady Amarilla (Proprietary)															
North Slope Hay Company		ID	(elig =G4 in	17-011	1.5	1								G5	
						2					0.08				
Lamoka (Proprietary)															
Cal-Ore Seed, Inc.		ID	G2 (OR=G3 *	17-402	6.9	1								G4	
						2				0.07					

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2
		State	Class				LR	MO	CA	BL	OV/OT			
Lamoka (continued)														
Cascade Seed Potato		OR	G1	17-07	15.3	1								G2
						2		0.17						
Cascade Seed Potato		OR	N	17-11	2.5	1							G1	
						2			0.12					
Cascade Seed Potato		NE	N	17-19	0.1	1							N	
						2			0.07					
Macy Farms, LLC		OR	G-2	17-04	39.0	1							G3	
						2				0.02				
Macy Farms, LLC		OR	G-2	17-05	11.0	1							G3	
						2								
Shasta Seed Farm		ND	G2	17-005	27.0	1							G3	
						2								
Modoc (Proprietary)														
Cal-Ore Seed, Inc.		SK	E2	17-403	4.5	1							G3	
						2								
Cascade Seed Potato		OR	G1	17-09	16.0	1			0.08				G2	
						2								
Cascade Seed Potato		OR	N	17-12	2.5	1			0.05				G1	
						2			0.63					
Cascade Seed Potato		NE	N	17-17	0.1	1			0.13				N	
						2			0.27					
Shadow Hill Farm LLC		OR	G4	17-04	10.0	1		1.09	0.04				G5	
						2		0.20						
Stastny, Ed Jr.		ND	(Elig for G3	17-003	18.0	1							G4	
						2		0.07	0.29					
Stastny, Ed Jr.		OR	G3	17-004	3.0	1							G4	
						2		0.07	0.53					

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2	
		State	Class				LR	MO	CA	BL	OV/OT				
Moonlight															
	K-Diamond Inc.	WA	G1	17-02	1.0	1									G2
						2									
MSR061-1 (Experimental)															
	Macy Farms, LLC	OR	G5	17-06	10.0	1			0.05						G3
						2									
	Macy Farms, LLC	OR	G5	17-07	30.0	1									G5
						2									
Perline (Proprietary)															
	Macy Farms, LLC	SK	Ξ-3 (OR=G3	17-01	33.0	1									G4
						2									
	Macy Farms, LLC	SK	Ξ-3 (OR=G3	17-02	30.0	1									G4
						2									
Pike															
	Madras Farms	WI	FY-3	17-103	18.2	1									G3
						2		0.03							
POR06V12-3 (Castle Russet) (Experimental)															
	OPVDP *6	OR	(tissue cult	17-101	0.0	1									N
						2									
						3									
POR12PG69-2 (Experimental)															
	Easy Growing	ID	PN	17-1	0.01	1									N
						2									
	Easy Growing	ID	PN	17-5	0.03	1									N
						2			0.44						
	Easy Growing	OR	N	17-6	0.2	1									G1
						2			0.17						

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2	
		State	Class				LR	MO	CA	BL	OV/OT				
Purple Majesty (Proprietary)															
	CSS Farms	NE	G1	17-008	28.3	1									G2
						2									
Purple Pelisse (Proprietary)															
	Cal-Ore Seed, Inc.	OR	G1	17-303	3.2	1									G2
						2									
	Easy Growing	CO	N (OR=PN)	17-4	0.1	1									N
						2			0.17						
Ranger Russet															
	Grande Ronde Seed Farm	NV	G1	17-199	63.0	1									G2
						2			0.06						
	Grande Ronde Seed Farm	NV	G1	17-203	50.0	1					0.01				G2
						2									
	North Slope Hay Company	ID	G1	17-004	9.0	1									G2
						2									
Rose Finn Apple (Heirloom)															
	North Slope Hay Company	ID	G1	17-005	0.5	1									G2
						2									
Russet Burbank															
	Cheyne Bros.	MT	G2	17-8	22.6	1									G3
						2									
	Lane Farms	MT	G2	17-2	14.0	1									G3
						2									
	Lane Farms	MT	G2	17-3	20.0	1					0.03				G3
						2									

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2
		State	Class				LR	MO	CA	BL	OV/OT			
Russet Norkotah														
Cheyne Bros.		NE	G2	17-10	13.0	1								G3
						2								
Cheyne Bros.		NE	G2	17-6	15.4	1								G3
						2								
Cheyne Bros.		NE	G2	17-9	8.4	1								G3
						2								
Shadow Hill Farm LLC		OR	G4	17-03	10.0	1		0.18						G5
						2		0.15						
Russet Norkotah - Selection 3 (Proprietary)														
Cal-Ore Seed, Inc.		MT	G2	17-405	5.0	1								G3
						2								
Cal-Ore Seed, Inc.		MT	G2	17-406	10.5	1								G3
						2								
Cal-Ore Seed, Inc.		NE	G2	17-407	12.3	1								G3
						2								
Russet Norkotah 278 (Proprietary)														
Cal-Ore Seed, Inc.		MT	G2	17-408	13.3	1								G3
						2		0.05	0.05					
Carlson, Jim		NE	G2	17-04	14.0	1								G3
						2								
Carlson, Jim		NE	G2	17-05	23.0	1			0.02					G3
						2				0.03				
Cheyne Bros.		OR	G3	17-11	28.5	1								G4
						2								
Cheyne Bros.		NE	G2	17-2	11.8	1								G3
						2				0.18				
Cheyne Bros.		NE	G2	17-3	51.2	1								G3
						2				0.01	0.04			

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2	
		State	Class				LR	MO	CA	BL	OV/OT				
Russet Norkotah 278 (continued)															
	Cheyne Bros.	NE	G2	17-5	16.9	1									G3
						2			0.02						
	Shadow Hill Farm LLC	MT	G2	17-02	20.0	1		0.06							Pending
						2		0.03	0.03				*7		
Russet Norkotah 296 (Proprietary)															
	Carlson, Jim	NE	G2	17-01	35.0	1				0.02					G3
						2				0.02					
	Carlson, Jim	NE	G2	17-02	36.0	1									G3
						2									
	Carlson, Jim	NE	G2	17-03	8.0	1									G3
						2									
	Cheyne Bros.	ND	G2	17-1	30.2	1									G3
						2				0.07					
	Lane Farms	NE	G2	17-1	69.0	1									G3
						2									
	Stastny, Ed Jr.	NE	G2	17-006	33.0	1			0.02						G3
						2			0.20						
Russian Banana (Heirloom)															
	Easy Growing	MT	G2	17-10	0.8	1			0.12						G3
						2									
	Easy Growing	MT	G2	17-11	0.5	1									G3
						2		0.07							
	Easy Growing	CO	N (OR=PN)	17-2	0.01	1									N
						2									
	Easy Growing	OR	N	17-8	0.1	1			0.06						G1
						2			0.06						
	Easy Growing	NE	G1	17-9	1.7	1			0.06						G2
						2									

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2	
		State	Class				LR	MO	CA	BL	OV/OT				
Shepody															
	CSS Farms	NE	G1	17-009	35.7	1									G2
						2									
	Grande Ronde Seed Farm	MT	G2	17-204	65.0	1		0.61							G3
						2		0.30							
	Lane Farms	ND	G2	17-4	122.0	1									G3
						2									
	Lane Farms	ND	G2	17-5	5.0	1									G3
						2									
Smilin Eyes (Proprietary)															
	North Slope Hay Company	ID	G4	17-012	1.5	1									G5
						2									
Snowden															
	CSS Farms	NE	G1	17-014	55.1	1									G2
						2									
	Madras Farms	AB	ELITE 2	17-104	14.5	1									G3
						2									
Toscana (Proprietary)															
	North Slope Hay Company	SK	E3 (OR=G3)	17-003	13.0	1			0.06						Pending
						2			0.18				*8		
TX1523-1Ru/Y (Proprietary)															
	Cal-Ore Seed, Inc.	ND	G1	17-301	6.9	1									G2
						2									
						3									
Umatilla Russet (Proprietary)															
	CSS Farms	OR	G1	17-011	17.0	1		0.07							G2
						2		0.04							
	Grande Ronde Seed Farm	NV	G1	17-195	59.0	1			0.01						G2
						2			0.02						

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2
		State	Class				LR	MO	CA	BL	OV/OT			
Umatilla Russet (continued)														
Grande Ronde Seed Farm	NV	G1	17-196	63.0	1			0.01						G2
						2		0.05						
Grande Ronde Seed Farm	NV	G1	17-197	67.0	1			0.03					G2	
						2								
Grande Ronde Seed Farm	NV	G1	17-198	27.0	1			0.02					G2	
						2								
Waneta (Proprietary)														
Cascade Seed Potato	MN	PN	17-18	0.1	1								*7	Pending
						2								
CSS Farms	NE	G1	17-015	26.6	1								G2	
						2								
Shasta Seed Farm	ND	G2 - PVY	17-006	18.2	1								G3	
						2								
Shasta Seed Farm	ND	G2	17-007	9.1	1								G3	
						2								
Yukon Gold														
Cascade Seed Potato	OR	N	17-15	1.9	1			0.02					G2	
						2		0.01		0.02	PLO (0.01%)			
Stastny, Ed Jr.	OR	G1	17-009	20.0	1								G2	
						2		0.12						

Oregon Field Readings 2017

Variety	Grower	Source		OSCS Lot #	Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2	
		State	Class				LR	MO	CA	BL	OV/OT				
Proprietary "DO NOT PUBLISH" Varieties															
Cascade Seed Potato		OR	G1	17-04	9.5	1			0.03						G2
						2									
Cascade Seed Potato		OR	G1	17-05	21.0	1									G2
						2									
Cascade Seed Potato		OR	G1	17-06	21.0	1									G2
						2			0.05						
Cascade Seed Potato		OR	G1	17-10	10.5	1									G2
						2									
Rajnus Seed LLC		ND	G1	17-02	56.0	1									G2
						2									
Shasta Seed Farm		ND	N	17-002	3.8	1									G1
						2									
Shasta Seed Farm		NE	G1	17-003	27.4	1									G2
						2									
Cascade Seed Potato		NE	G1	17-02	46.5	1									G2
						2			0.02						
Rajnus Seed LLC		ND	G1	17-01	26.0	1									G2
						2									
Rajnus Seed LLC		NE	G1	17-03	8.0	1									G2
						2									
Rajnus Seed LLC		NE	G1	17-04	18.0	1									G2
						2									
Shasta Seed Farm		ND	N	17-001	3.6	1									G1
						2									
Shasta Seed Farm		NE	G1	17-004	39.3	1									G2
						2									

Oregon Field Readings 2017

Variety	Grower	Source			Acres	Insp	% Found *1					Other *4	Notes	Final Classification *2	
		State	Class	OSCS Lot #			LR	MO	CA	BL	OV/OT				
	Cascade Seed Potato	ND	G1	17-03	11.0	1									
						2									G2
	Macy Farms, LLC	AB	Ξ-2 (OR=G2 17-08		9.5	1									
						2									G3
	Macy Farms, LLC	AB	Ξ-2 (OR=G2 17-09		4.0	1									
						2									G3

NOTES

*1 - Blank = none observed. Values listed as 0.01 are >0% but = or < 0.014%;

*2 - Prior to the required Post-Harvest Testing (Winter Grow-Out).

*3 - OV/OT = Other variety or Genetic off-type. OT/OV removed during inspection to maintain class. For classes PN and Nuclear there is a zero tolerance of OV/OT but growers have the option of removing any OV/OT found during the inspection to maintain class.

*4 - PLO = Disease caused by Phytoplasma Like Organism (i.e. Purple Top, Hairwire, etc.).

*5 - Severe current season chemical Injury - HOLD FOR GREENHOUSE.

*6 - OPVDP = Oregon Potato Variety Development Project

*7 - Grower not approved by variety owner for certified production at time of publication.

*8 - Lot not approved for certified production in Oregon (lacking PHT documentation).

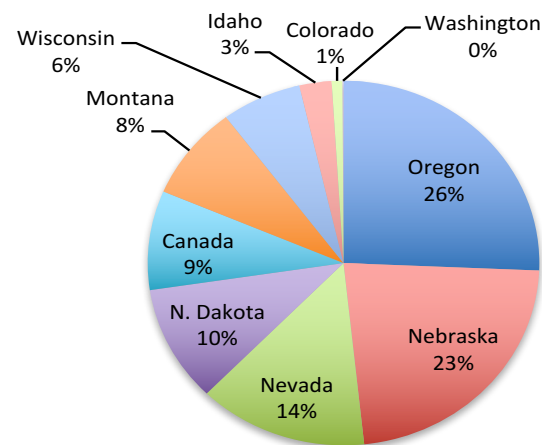
Oregon State University - Seed Certification Service

Sources of Oregon Seed 2017 - By State

State	State	Acres	%	No. of lots *1
Oregon	Oregon	863.1	25.7%	41
Nebraska	Nebraska	762.5	22.7%	32
Nevada	Nevada	471.0	14.0%	9
N. Dakota	N. Dakota	347.1	10.3%	14
Canada	Canada	295.9	8.8%	15
Montana	Montana	280.6	8.3%	12
Wisconsin	Wisconsin	222.5	6.6%	9
Idaho	Idaho	89.5	2.7%	8
Colorado	Colorado	30.1	0.9%	4
Washington	Washington	2.5	0.1%	3
Minnesota	Minnesota	0.1	0.0%	1
Michigan	Michigan	0.0	0.0%	0

*1 - some lots had multiple sources

Source of Oregon Seed 2017 - By State (% of acres planted)

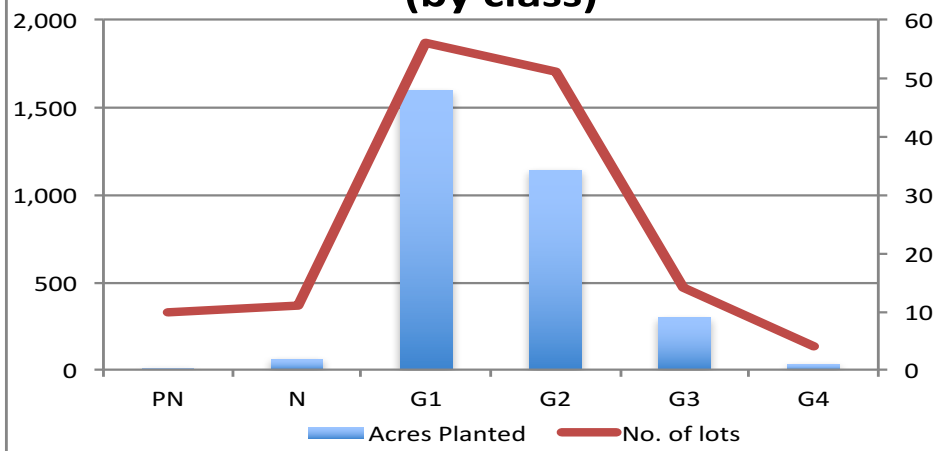


Sources of Oregon Seed 2017 - By Class

Class	FY *1	Acres Planted	No. of lots
PN	FY0	0.6	10
N	FY1	62.7	11
G1	FY2	1,593.9	56
G2	FY3	1,139.4	51
G3	FY4	301.2	14
G4	FY5	34.0	4

*1 - Field year

Source of Oregon Seed 2017 (by class)

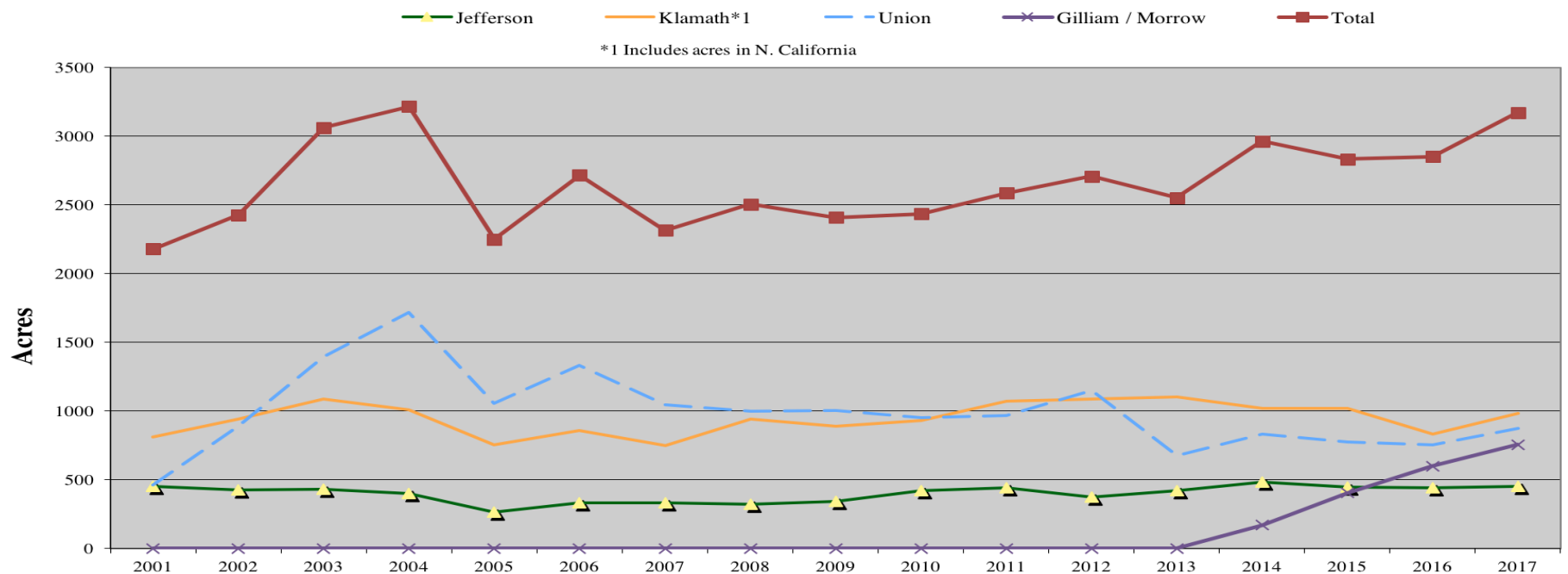


Oregon State University - Seed Certification Service

CERTIFIED SEED POTATOES BY COUNTIES - ACRES PASSING FIELD INSPECTIONS

COUNTY	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Jefferson	321	345	423	399	376	421	485	449	442	460
Klamath *1	944	890	931	1,077	1,088	1,104	1,019	1018	830	985
Malheur	125	130	100	105	95	100	311	0	0	0
Gilliam/Morrow	---	---	---	---	---	---	169	404	599	756
Union	999	1003	950	977	1,149	677	837	776	753	875
Baker	40	40	33	---	---	---	---	---	---	105
Humbolt	---	---	---	---	---	250	143	187	229	0
TOTAL	2,506	2,408	2,437	2,558	2,708	2,302	2,964	2,833	2853	3181

Certified Production by Year



Potato Acreage Report – Seed Acres Passed 2017 *(only top 30 shown, excluding Proprietary ‘Do Not Publish’ varieties)*

Variety	Union / Baker	Gilliam / Morrow	Jefferson	Klamath / CA	Sum
Gala		577.4			577.4
FL Varieties				301.6	301.6
Umatilla Russet	216.0	17.0			233.0
Shepody	192.0	35.7			227.7
Russet Norkotah 296	69.0		79.0	63.2	211.2
Russet Norkotah 278			37.0	141.7	178.7
Clearwater Russet	142.0				142.0
Ranger Russet	122.0				122.0
Atlantic	2.0	15.5	61.0	30.5	109.0
Alturas	109.0				109.0
Lamoka			50.0	51.8	101.8
HO2000			83.5		83.5
Snowden		55.1	14.5		69.6
Perline			63.0		63.0
Russet Burbank	34.0			22.6	56.6
Modoc				54.1	54.1
Waneta		26.6		27.4	54.0
GemStar Russet				51.0	51.0
Russet Norkotah				46.8	46.8
IPM-ABR	30.0			12.7	42.7
MSR061-1			40.0		40.0
Canela Russet				30.0	30.0
Purple Majesty		28.3			28.3
Russet Norkotah - Sel 3				27.8	27.8
Apache	26.0				26.0
Chieftain				24.0	24.0
Yukon Gold				21.9	21.9
ATTX961014-1R/Y				20.5	20.5
Pike			18.2		18.2

LIMITED GENERATION CERTIFIED SEED POTATOES - Field Planting Comparison Table¹

Adapted from table prepared by Potato Association of America

(<https://www.potatoassociation.org/member-only/Sections/Certification%20Section/documents/FieldPlantingEquivalencyTableRevMarch2011.doc>)

AGENCY	YEAR IN THE FIELD							
	1 ²	2	3	4	5	6	7	8
Alaska	G1 ³	G2	G3	G4	G5	G6	G7	G8
California	G1	G2	G3	G4	G5		.....	.....
Colorado *	G1	G2	G3	G4	G5	G6	.....	.....
Idaho	N	G1	G2	G3	G4	G5	G6	.....
Maine	FY1	FY2	FY3	FY4	FY5	FY6		
Michigan *	FY1 ⁶	FY2	FY3	FY4	FY5	FY6	.....	.....
Minnesota *	G1	G2	G3	G4	G5	G6	C	.....
Montana	N	G1	G2	G3	G4	.....	.....	.....
Nebraska /	N	G1	G2	G3	G4	G5	.....	.....
Nevada	N	G1	G2	G3	G4	G5	.....	.....
New York ⁴ *	N1	N2	G1	G2	G3	G4	G5	G6
North Dakota **	N	G1	G2	G3	G4	G5	C	.....
Oregon	N	G1	G2	G3	G4	G5	.....	.....
Utah	N (G1)	G2	G3	G4	G5	G6	.....	.....
Washington	N	G1	G2	G3	G4	G5	.....	.....
Wisconsin ⁵ *	FY1	FY2	FY3	FY4	FY5	FY6	C	.....
Canada	PE (G1)	E1 (G2)	E2 (G3)	E3 (G4)	E4 (G5)	F (G6)	C (G7)	.....

Revision Date: {9-12-13 JMc}

* - Term used denotes year in field only, not class of seed, see [state regulations](#)** for class terminology; for states without a "*" seed can be downgraded if it does not meet tolerances thus term noted indicates maximum number of years in the field only (may be less). (**http://www.mnseedpotato.org/PAA/regs_2007.pdf)

¹The purpose of this table is to express terms used by various certification agencies for seed potatoes harvested from a series of successive field plantings. This terminology does not necessarily indicate the class of the seed (i.e. disease tolerances and other requirements related to quality of the seed). States indicated by a "*" use a separate set of terms to denote class. For specific criteria relating to disease tolerances and other requirements, the reader is referred to the certification regulations of the agency in question.

²The first field planting utilizes laboratory-tested stocks that may be tissue-cultured plantlets, greenhouse-produced minitubers, stem cuttings, or line selections. Contact agencies for details as to types of stocks planted in their programs.

³Term used by agency for seed potatoes for a particular year in the field: C=certified, E=elite, F=foundation, G=generation, N=nuclear, PE=pre-elite.

⁴If lots originate at Cornell-Uihlein Farm, the first three generations (G1-G3) are also designated by an AU@ to denote source.

⁵Lots NOT originating at the UW Lelah Starks Elite

Foundation Seed Potato Farm are designated G_n where n = years in the field.

⁶FY = Field Year