

56th ANNUAL WA COMMERCIAL SEED LOT TRIAL

June 27, 2019

Cooperators:

WASHINGTON STATE UNIVERSITY

www.potatoes.wsu.edu

Departments of Horticulture, Plant Pathology & Cooperative Extension

WASHINGTON STATE POTATO COMMISSION

www.potatoes.com

WASHINGTON STATE POTATO FOUNDATION

WASHINGTON STATE DEPARTMENT OF AGRICULTURE

KEY TO FLAGS

MOSAIC: Yellow Flag (see description below in comment section)
BLACKLEG: Red Flag
LEAFROLL: Orange Flag

WHITE FLAGS (code to abbreviations)
Cal: Calico
Chem/Herb: Seed-borne herbicide carryover/chemical damage
PLO: Phytoplasma such as Witches broom, Haywire, Purple Top, BLTVA
VM, OT, OV: Variety Mix, Off-Type, Off-Type Variety

Comments:

Variety, seed grower, and source (state) is provided solely by the seed receiver. We transfer that information to this book and save the original tags. Please contact Mark Pavek with any concerns or changes.

There should be a plant every 10-12 inches. Exceptions: top of bottom of lot where planter ran out of seed, seed tubers too large for planter, or plant did not emerge. You may dig for seed pieces.

Lots are 2 rows wide each by 100 feet in length (200 ft total)

Plants were VISUALLY read, unless otherwise indicated. PVY test kits are used often.

MOSAIC does not necessarily mean the plant has PVY; rather, it is expressing symptoms that are commonly associated with PVY infection. It is likely, however, that those plants flagged with mosaic flags are infected with PVY. Moreover, PVY was confirmed in some flagged plants via an in-field test kit. PVS may be flagged as Mosaic.

NOTE: ALL PLANTS expressing visible symptoms were flagged (in the past, we never flagged more than 10 infected plants; the seed lot was recorded as having “Many”).

Additional copies may be obtained from the Washington State Potato Commission, 108 Interlake RD, Moses Lake, WA 98837, (509)765-8845; or from Dr. Mark Pavek, Washington State University, PO Box 646414, Pullman, WA 99164-6414 (509)335-6861. Electronic copies will also be available at potatoes.wsu.edu.

WSU Potato Field Day – Thursday June 27, 2019

Located at WSU Othello Research Unit – 1471 W Cox Rd, Othello
(4.5 miles east of Hwy. 26/17 Junction, On Booker Rd, ¼ Mile South of Hwy. 26)

8:30–8:50 am Coffee and donuts

8:50–8:55 am Welcome from CAHNRS Dean, André Wright

8:55-9:00 am Sponsors recognition

9:00-10:00 am **Commercial Seed Lot Trial Disease Results and Field Viewing**, *Mark Pavek* – WSU Pullman

Concurrent Session I: Potato Cultural Practices Field Tour

10:00 **Planting date affects tuber maturity & storability**

Lisa Knowles and Rick Knowles– WSU, Pullman

10:15 **Update on ProGibb & Rejuvenate trials**

Rick Knowles and Lisa Knowles– WSU, Pullman

10:30 **Screening for tolerance to heat stress**

Graham Ellis, Lisa Knowles and Rick Knowles– WSU, Pullman

10:45 **New promising fresh market and chip selections from the Tri-State Variety Development Program** *Vidyasagar “Sagar” Sathuvalli Rajakalyan* – OSU, Hermiston

11:00 **Effects of MH30 and non-traditional products on potato yield & economic value**

Colton Thurgood, Z Holden, R Garza, J Rodriguez, F Atilano, M Pavek – WSU, Pullman & Othello

11:15 **Research to reduce tuber greening**

Joe Townsend, Z Holden, R Garza, J Rodriguez, F Atilano, M Pavek – WSU, Pullman & Othello

11:30 **Water use patterns of six varieties and their response to late-season deficit irrigation**

Francisco Gonzalez, M Pavek, Z Holden – WSU, Pullman

11:45 **Potato seed size demo and discussion**

Mark Pavek, Z Holden, R Garza, J Rodriguez, F Atilano – WSU, Pullman & Othello

12:00 pm – 1:00 pm

HOSTED LUNCH

Concurrent Session II: Potato Pest Management Field Tour

10:00 **Field demo and presentation: The impact of lygus feeding on potato yield and quality**

Tim Waters – WSU, Benton/Franklin Counties

10:15 **From the field and in the lab: A genetics approach to conquer soil-borne potato pathogens**

Max Feldman – USDA-ARS, Prosser

10:30 **Potato glycoalkaloids, greening and environment**

Roy Navarre – USDA-ARS, Prosser

10:45 **Thoughts, suggestions, and reminders about insect monitoring**

Andrew Jensen – NW Potato Consortium, Lakeview, OR

11:00 **Planting a problem – examining the spread of seed-borne Potato Virus Y**

Chris McIntosh – Univ. of Idaho, Moscow

11:15 **Demo and presentation: High-throughput sensing of pathogens in potato storage facilities**

Sindhuja Sankaran, W Sangjan, L Khot – WSU, Pullman, *B Schroeder* – UI, Moscow

11:30 **The effects of an early Quadris application on potato black dot**

Lydia Tymon and Babette Gundersen – WSU, Mt Vernon

11:45 pm – 1:00 pm

HOSTED LUNCH

CCA and pesticide recertification credits have been applied for (WA, OR, MT & ID)

Special thanks to our

2019 POTATO FIELD DAY SPONSORS:

ADAMA
(Official lunch sponsor)

McCain Foods Inc

Kuo Testing Labs
Syngenta
Simplot Food Group

WASHINGTON STATE POTATO FOUNDATION

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***Additional thanks to our 2019 seed lot readers and trainees!
We appreciate your efforts!***

Thanks to everyone behind the scenes:

Francisco Atilano
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Tim Waters & Crew
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Montana Potato Seed Certification
Washington State Department of Ag
Washington State University

	Tier*	2019 Washington State Commercial Seed Lot Trial				Planting	Mosaic	Blackleg	
Row	S/M/N	Variety	Seed Receiver	Seed Grower	Source	Date	Yellow Flag	Red Flag	Comments and/or Other Flags
1-2	I	Alturas	AgriNW	Big Sky	MT	2-Apr	-	-	
1-2	II	Alturas	AgriNW	Foster	MT	2-Apr	5	1	
1-2	III	Clearwater	AgriNW	Big Sky	MT	2-Apr	-	3	
3-4	I	Clearwater	AgriNW	Skinner	MT	2-Apr	-	2	
3-4	II	Clearwater	McNary	Skinner, Bill	MT	2-Apr	-	-	
3-4	III	Clearwater	AgriNW	Beutler, Wes	ID	2-Apr	-	-	
5-6	I	Clearwater	AgriNW	Schutter Farms	MT	2-Apr	-	-	
5-6	II	Clearwater	McNary	Kimm, Bill	MT	2-Apr	-	-	
5-6	III	Clearwater	AgriNW	Schutter Farms	MT	2-Apr	-	-	
7-8	I	Clearwater	McNary	Venhuisen	MT	2-Apr	-	-	
7-8	II	Ranger	AgriNW	Kimm, Mark	MT	2-Apr	-	-	
7-8	III	Ranger	AgriNW	Kimm	MT	2-Apr	-	-	
9-10	I	Shepody	AgriNW	Dyk, Dan	MT	2-Apr	-	-	
9-10	II	Burbank	AgriNW	Big Sky	MT	2-Apr	-	-	1 calico
9-10	III	Burbank	AgriNW	Haarsma	CAN-AB	2-Apr	-	-	
11-12	I	Shepody	AgriNW	Skinner, Bill	MT	2-Apr	-	-	
11-12	II	Umatilla	AgriNW	Schutter Farms	MT	2-Apr	3	-	
11-12	III	Umatilla	AgriNW	Dyk Seed Potatoes	MT	2-Apr	-	-	
13-14	I	Umatilla	McNary	Kimm, Bill	MT	2-Apr	-	-	
13-14	II	Umatilla	AgriNW	Kimm, Dan	MT	2-Apr	5	-	
13-14	III	Umatilla	AgriNW	Venhuisen	MT	2-Apr	2	1	
15-16	I	Umatilla	AgriNW	Venhuisen, John	MT	2-Apr	-	-	
15-16	II	Umatilla	AgriNW	Stoddard	ID	2-Apr	-	-	
15-16	III	Umatilla	McNary	Venhuisen	MT	2-Apr	-	-	
17-18	I	Umatilla	AgriNW	Skinner, Bill	MT	2-Apr	-	-	
17-18	II	Umatilla	AgriNW	Big Sky	MT	2-Apr	2	-	
17-18	III	Umatilla	AgriNW	Haarsma	CAN-AB	2-Apr	-	-	
19-20	I	Umatilla	AgriNW	Kimm, Dan	MT	2-Apr	-	-	
19-20	II	Atlantic	Elite Seed	Cal-Ore Seed	OR	2-Apr	2	-	
19-20	III	Alturas	Elite Seed	Lake, Jack	MT	2-Apr	5	-	
21-22	I	Clearwater	Elite Seed	Starkel	MT	2-Apr	-	-	
21-22	II	Clearwater	Elite Seed	Beutler Farms	ID	2-Apr	-	-	
21-22	III	Unknown	Elite Seed	LaJoie	ME	2-Apr	-	-	
23-24	I	Ivory Russet	Elite Seed	Drost Rolling Hills	CAN-AB	2-Apr	-	-	
23-24	II	Ranger	Elite Seed	Arnold Farms	ID	2-Apr	-	-	
23-24	III	Shepody	Elite Seed	Dyk Seed Potatoes	MT	2-Apr	2	-	
25-26	I	Norkotah-Jorde Strain	Balcom and Moe	Arnold Farms	ID	2-Apr	5	-	
25-26	II	Norkotah TX278	Balcom and Moe	Skyline Farms	ID	2-Apr	2	-	
25-26	III	Norkotah-Jorde Strain	Balcom and Moe	Skyline Farms	ID	2-Apr	2	-	

* Tier I = South, II = Middle, III = North

Row	Tier*	2019 Washington State Commercial Seed Lot Trial				Planting	Mosaic	Blackleg	Comments and/or Other Flags
	S/M/N	Variety	Seed Receiver	Seed Grower	Source	Date	Yellow Flag	Red Flag	
27-28	I	Norkotah TX278	Balcom and Moe	Moss	ID	2-Apr	1	-	
27-28	II	Yukon Gold	Premier Seed	Gilbert Farms	ID	2-Apr	-	-	
27-28	III	Sangre	Premier Seed	Meyer	CAN-AB	2-Apr	24	1	2 chemical carryover
29-30	I	Shepody	Premier Seed	Arnold Farms	ID	2-Apr	12	-	Poor Stand
29-30	II	Ranger	Premier Seed	Silver Creek	ID	2-Apr	5	-	
29-30	III	Ranger	Premier Seed	Skyline Farms	ID	2-Apr	2	-	
31-32	I	Ranger	Premier Seed	Starkel	MT	2-Apr	-	-	
31-32	II	Ranger	Premier Seed	Foth Farms	MT	2-Apr	-	-	
31-32	III	Ranger	Premier Seed	Hawley	WA	2-Apr	-	-	
33-34	I	Shepody	Premier Seed	Beutler Farms	ID	2-Apr	38	-	
33-34	II	Ranger	Premier Seed	Foster	ID	2-Apr	10	-	1 off-type
33-34	III	Ranger	Premier Seed	Arbon	ID	2-Apr	1	-	
35-36	I	Shepody	Premier Seed	Belly River	CAN-AB	2-Apr	-	-	
35-36	II	Shepody	Premier Seed	CSS Farms	OR	2-Apr	-	-	
35-36	III	Shepody	Premier Seed	Skinner	MT	2-Apr	1	-	
37-38	I	Clearwater	Weber Farms	Starkel, Roger	MT	2-Apr	-	-	
37-38	II	Shepody	Premier Seed	Gilbert Farms	ID	2-Apr	35	-	
37-38	III	Shepody	Premier Seed	Dyk, Dan	MT	2-Apr	4	-	1 mosaic, 1 chemical carryover
39-40	I	Clearwater	Friehe Farms	Haarsma	CAN-AB	16-Apr	-	-	
39-40	II	Alturas	Friehe Farms	London Hills	MT	16-Apr	1	-	
39-40	III	Clearwater	Friehe Farms	Spring Creek	MT	16-Apr	-	-	
41-42	I	Umatilla	Friehe Farms	Schutter Farms	MT	16-Apr	1	-	
41-42	II	Umatilla	Friehe Farms	Haarsma	CAN-AB	16-Apr	1	-	
41-42	III	Highland Russet	Friehe Farms	Starkel	MT	16-Apr	6	-	
43-44	I	Ranger	Skone and Connors	Canyon View Farms	MT	16-Apr	-	-	
43-44	II	Ranger	Skone and Connors	Cottom Seed	MT	16-Apr	2	-	
43-44	III	Norkotah	Skone and Connors	SHB	WA	16-Apr	10	-	
45-46	I	Clearwater	Skone and Connors	Beutler Farms	ID	16-Apr	-	-	
45-46	II	Norkotah TX278	Skone and Connors	Cottom Seed	MT	16-Apr	-	-	
45-46	III	Umatilla	Skone and Connors	Skinner	MT	16-Apr	-	-	
47-48	I	Norkotah TX296	Skone and Connors	Arnold Farms	ID	16-Apr	-	-	
47-48	II	Modoc	Skone and Connors	Stastry Farms	OR	16-Apr	7	1	
47-48	III	Burbank	Friehe Farms	Lake Seed	MT	16-Apr	-	-	
49-50	I	Norkotah TX296	Skone and Connors	Stastry Farms	OR	16-Apr	-	-	
49-50	II	Norkotah C-3	Skone and Connors	Cottom Seed	MT	16-Apr	-	-	
49-50	III	Burbank	Skone and Connors	Starkel	MT	16-Apr	1	-	
51-52	I	Norkotah C-3	Skone and Connors	Starkel	MT	16-Apr	3	-	
51-52	II	Umatilla	Skone and Connors	SHB	WA	16-Apr	11	-	
51-52	III	Norkotah C-3	Skone and Connors	Starkel	MT	16-Apr	3	-	

* Tier I = South, II = Middle, III = North

	Tier*	2019 Washington State Commercial Seed Lot Trial				Planting	Mosaic	Blackleg	
Row	S/M/N	Variety	Seed Receiver	Seed Grower	Source	Date	Yellow Flag	Red Flag	Comments and/or Other Flags
53-54	I	Umatilla	Skone and Connors	Cole's Corner Farms	MT	16-Apr	3	-	
53-54	II	Umatilla	Skone and Connors	Skinner	MT	16-Apr	1	-	
53-54	III	Chieftain	Smith and Morrison	Cal-Ore Seed	OR	16-Apr	1	-	
55-56	I	Colomba	Smith and Morrison	Norbest Farms	CAN-AB	16-Apr	-	-	
55-56	II	Red Endeavor	Smith and Morrison	Cascade Farms	WA	16-Apr	-	-	
55-56	III	Chieftain	Smith and Morrison	Van Erkel Farms	MN	16-Apr	-	-	1 variety mix
57-58	I	Chieftain	Smith and Morrison	Ebe Farms	WA	16-Apr	-	-	
57-58	II	Merida	Smith and Morrison	Pacific Potato	CAN-BC	16-Apr	-	4	
57-58	III	Imola	Smith and Morrison	Ebe Farms	WA	16-Apr	-	-	
59-60	I	Chieftain	Smith and Morrison	Pacific Potato	CAN-BC	16-Apr	-	-	
59-60	II	Chieftain	Smith and Morrison	Cascade Farms	WA	16-Apr	-	-	1 calico
59-60	III	Modoc	Smith and Morrison	Salazar Farms	CO	16-Apr	-	-	
61-62	I	Harmony	Smith and Morrison	Ebe Farms	WA	16-Apr	-	-	
61-62	II	Nadine	Smith and Morrison	Cascade Farms	WA	16-Apr	-	-	1 variety mix
61-62	III	Actrice	Smith and Morrison	Ebe Farms	WA	16-Apr	-	-	
63-64	I	Chieftain	Maple Wood Farms	Pieper Farms	MN	16-Apr	-	-	
63-64	II	Agata	Maple Wood Farms	Gem Valley	ID	16-Apr	-	-	1 variety mix
63-64	III	Chieftain	Maple Wood Farms	Bedlington Farms	WA	16-Apr	-	-	
65-66	I	Agata	Maple Wood Farms	Karren Farms	ID	16-Apr	-	-	
65-66	II	Alturas	Premier Seed	Gibbs Farm	ID	16-Apr	1	-	
65-66	III	Payette	Premier Seed	Arcadia	MT	16-Apr	-	-	1 variety mix
67-68	I	Ranger	Premier Seed	Gibbs Farm	ID	16-Apr	1	-	
67-68	II	Payette	Premier Seed	CSS Farms	OR	16-Apr	-	-	
67-68	III	Norkotah C-3	Premier Seed	Arcadia	MT	16-Apr	-	-	
69-70	I	Ranger	Premier Seed	Lake Farms	MT	16-Apr	1	-	
69-70	II	Ranger	Premier Seed	Atchley, Clen	ID	16-Apr	3	-	
69-70	III	Ranger	Premier Seed	Cotton Seed	MT	16-Apr	1	-	
71-72	I	Alturas	MHB Farms	L.H.F.	MT	16-Apr	1	-	
71-72	II	Clearwater	Premier Seed	Arcadia	MT	16-Apr	-	-	1 variety mix
71-72	III	Ranger	Premier Seed	Arnold Farms	ID	16-Apr	-	-	
73-74	I	Alturas	MHB Farms	Lake, Jack	MT	16-Apr	11	-	
73-74	II	Alturas	MHB Farms	Telford	ID	16-Apr	-	-	
73-74	III	Alturas	Elite Seed	Nicholes Farm	MT	16-Apr	1	-	
75-76	I	Clearwater	Elite Seed	True North	CAN-AB	16-Apr	-	-	
75-76	II	Alturas	Elite Seed	Jorgensen	ID	16-Apr	14	-	
75-76	III	Bintje	Elite Seed	FW Seed	CAN-AB	16-Apr	-	-	

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	S/M/N	Variety	Seed Receiver	Seed Grower	Source	Date	Yellow Flag	Red Flag	
77-78	I	Clearwater	Elite Seed	Lake Farms	MT	16-Apr	-	-	
77-78	II	Clearwater	Elite Seed	Skinner	MT	16-Apr	-	2	
77-78	III	Norkotah TX278	Elite Seed	Kimm, Dan	MT	16-Apr	3	-	
79-80	I	Clearwater	Elite Seed	Spring Creek	MT	16-Apr	-	-	
79-80	II	Clearwater	Elite Seed	Stoddard	ID	16-Apr	-	-	
79-80	III	Clearwater	Elite Seed	Starkel	MT	16-Apr	-	-	
81-82	I	Challenger	Elite Seed	Spring Creek	MT	16-Apr	-	-	
81-82	II	Norkotah	Elite Seed	SHB	WA	16-Apr	12	-	
81-82	III	Norkotah	Elite Seed	Drost Rolling Hills	CAN-AB	16-Apr	-	-	
83-84	I	Ranger	Elite Seed	Lake, Jack	MT	16-Apr	-	-	
83	II/III	Ranger	Elite Seed	Triple R	ID	16-Apr	1	-	
84	II/III	Norkotah TX278	Elite Seed	Kimm, Dan	MT	16-Apr	-	-	
85-86	I	Ranger	Elite Seed	Lake Seed	MT	16-Apr	-	-	
85-86	II	Ranger	Elite Seed	Cottom Seed	MT	16-Apr	-	-	
85-86	III	Ranger	Elite Seed	Fleming	MT	16-Apr	-	-	
87-88	I	Umatilla	Elite Seed	Spring Creek	MT	16-Apr	-	-	
87-88	II	Umatilla	Elite Seed	Skinner	MT	16-Apr	2	-	
87-88	III	Ranger	Elite Seed	Fleming	MT	16-Apr	-	-	
89-90	I	Umatilla	Elite Seed	Lake Seed	MT	16-Apr	16	-	
89-90	II	Umatilla	Elite Seed	CSS Farms	OR	16-Apr	-	-	
89-90	III	Dakota Russet	Elite Seed	Schutter Farms	MT	16-Apr	2	-	
91-92	I	Umatilla	Integrity Ag	Spring Creek	MT	16-Apr	1	-	
91-92	II	Umatilla	Integrity Ag	Fransen Farms	ID	16-Apr	2	-	
91-92	III	Umatilla	Integrity Ag	Schutter Farms	MT	16-Apr	-	-	
93-94	I	Clearwater	Integrity Ag	Starkel	MT	16-Apr	-	-	
93-94	II	Clearwater	Integrity Ag	River Ranch	ID	16-Apr	-	-	
93-94	III	Clearwater	Integrity Ag	Schutter Farms	MT	16-Apr	-	-	
95-96	I	Burbank	AgriNW	Dyk Seed Potatoes	MT	16-Apr	-	-	
95-96	II	Burbank	McNary	Kimm, Dan	MT	16-Apr	-	-	
95-96	III	Ranger	Integrity Ag	Fransen Farms	ID	16-Apr	2	-	
97-98	I	Burbank	AgriNW	Spring Creek	MT	16-Apr	-	-	
97-98	II	Burbank	AgriNW	Kimm, Dan	MT	16-Apr	-	-	
97-98	III	Burbank	AgriNW	Groot	CAN-AB	16-Apr	1	-	
99-100	I	Clearwater	Weber Farms	Starkel, Ed	MT	16-Apr	-	-	
99-100	II	Burbank	AgriNW	Dyk Seed Potatoes	MT	16-Apr	3	-	
99-100	III	Burbank	AgriNW	Dyk Seed Potatoes	MT	16-Apr	-	-	

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Row	Tier*	2019 Washington State Commercial Seed Lot Trial				Planting	Mosaic	Blackleg	Comments and/or Other Flags
	S/M/N	Variety	Seed Receiver	Seed Grower	Source	Date	Yellow Flag	Red Flag	
101-102	I	Clearwater	Weber Farms	Starkel, Roger	MT	16-Apr	-	-	1 variety mix
101-102	II	Umatilla	McNary	Dyk Seed Potatoes	MT	16-Apr	1	-	
101-102	III	Umatilla	AgriNW	Kimm, Bill	MT	16-Apr	-	-	
103-104	I	Alturas	Weber Farms	Starkel, Ed	MT	16-Apr	6	-	
103-104	II	Clearwater	Weber Farms	Grande Ronde Farms	OR	16-Apr	-	-	
103-104	III	Umatilla	McNary	Cole, Bill	MT	16-Apr	1	-	
105-106	I	Alturas	Weber Farms	Starkel, Ed	MT	16-Apr	9	-	
105-106	II	Alturas	Weber Farms	Starkel	MT	16-Apr	8	-	
105-106	III	Clearwater	Weber Farms	Tobol Farms	MT	16-Apr	3	-	
107-108	I	Clearwater	Weber Farms	Telford	ID	16-Apr	1	1	
107-108	II	Umatilla	Weber Farms	Tobol Farms	MT	16-Apr	14	1	
107-108	III	Umatilla	Weber Farms	SHB	WA	16-Apr	10	-	1 variety mix
109-110	I	Alturas	Weber Farms	Lake Seed	MT	16-Apr	15	-	
109-110	II	Clearwater	WHB	Starkel	MT	16-Apr	-	-	
109-110	III	Clearwater	WHB	Schutter Farms	MT	16-Apr	-	-	
111-112	I	Ranger	WHB	SHB	WA	16-Apr	1	-	
111-112	II	Umatilla	WHB	Streich Farms	MT	16-Apr	1	-	
111-112	III	Ranger	WHB	Lake Seed	MT	16-Apr	4	-	
113-114	I	Burbank	Friehe Farms	Schutter Farms	MT	30-Apr	-	-	
113-114	II	Burbank	Friehe Farms	London Hills	MT	30-Apr	-	-	
113-114	III	Burbank	Friehe Farms	Haarsma	MT	30-Apr	-	-	
115-116	I	Burbank	Elite Seed	Jorgensen	ID	30-Apr	30	-	
115-116	II	Burbank	Elite Seed	Foth Farms	MT	30-Apr	-	-	
115-116	III	Clearwater	Elite Seed	Spring Creek	MT	30-Apr	-	-	
117-118	I	Burbank	Elite Seed	Kimm Bros	MT	30-Apr	-	-	
117-118	II	Burbank	Elite Seed	Kimm, Dan	MT	30-Apr	-	-	
117-118	III	Burbank	Elite Seed	Lake Seed	MT	30-Apr	-	-	
119-120	I	Clearwater	Elite Seed	River Ranch	ID	30-Apr	-	-	
119-120	II	Burbank	Elite Seed	Lake, Jack	MT	30-Apr	7	-	1 chemical carryover
119-120	III	Burbank	Elite Seed	Arcadia	MT	30-Apr	-	-	
121-122	I	Clearwater	Elite Seed	Spring Creek	MT	30-Apr	-	-	
121-122	II	Clearwater	Elite Seed	Kimm, Bill	MT	30-Apr	-	-	
121-122	III	Clearwater	Elite Seed	Beutler Farms	ID	30-Apr	-	-	
123-124	I	Clearwater	Elite Seed	Castle Rock	OR	30-Apr	-	-	
123-124	II	Ranger	Elite Seed	Kimm Bros	MT	30-Apr	-	-	
123-124	III	Clearwater	Elite Seed	Kimm, Bill	MT	30-Apr	-	-	1 variety mix

* Tier I = South, II = Middle, III = North

Row	Tier*	2019 Washington State Commercial Seed Lot Trial				Planting Date	Mosaic Yellow Flag	Blackleg Red Flag	Comments and/or Other Flags
	S/M/N	Variety	Seed Receiver	Seed Grower	Source				
125-126	I	Bintje	Elite Seed	Starkel	MT	30-Apr	-	-	
125-126	II	Norkotah TX278	Elite Seed	Skyline Farms	ID	30-Apr	-	-	
125-126	III	Umatilla	Premier Seed	Spring Creek	MT	30-Apr	2	-	
127-128	I	Clearwater	Premier Seed	Arcadia	MT	30-Apr	1	-	
127-128	II	Norkotah	Premier Seed	Cottom Seed	MT	30-Apr	-	-	
127-128	III	Ivory Russet	Premier Seed	Drost Rolling Hills	CAN-AB	30-Apr	-	-	
129-130	I	Yukon Gem	Premier Seed	Telford	ID	30-Apr	3	-	
129-130	II	Alturas	Premier Seed	London Hills	MT	30-Apr	3	-	
129-130	III	Alturas	Premier Seed	Telford	ID	30-Apr	-	-	
131-132	I	Burbank	Premier Seed	Gibbs Farm	ID	30-Apr	1	-	
131-132	II	Umatilla	Premier Seed	Arbon	ID	30-Apr	2	-	
131-132	III	Burbank	Premier Seed	R & R Farms	ID	30-Apr	37	-	
133-134	I	Burbank	McNary	Kimm, Bill	MT	30-Apr	-	-	
133-134	II	Burbank	McNary	Buyan, Bill	MT	30-Apr	-	-	
133-134	III	Burbank	McNary	Stoddard, Curtis	ID	30-Apr	1	-	
135-136	I	Burbank	Skone and Connors	Cottom Seed	MT	30-Apr	-	-	
135-136	II	Umatilla	Skone and Connors	Spruce Lanes	CAN-AB	30-Apr	1	-	
135-136	III	Norkotah	Skone and Connors	SHB	WA	30-Apr	4	-	1 chemical carryover, 1 variety mix

* Tier I = South, II = Middle, III = North

These Seed Lots are across the road on the North edge of the pivot to the South

137-138	I	Norkotah TX296	Skone and Connors	Cal-Ore Seed	OR	30-Apr	1	-	
137-138	II	Norkotah C-3	Skone and Connors	Arcadia	MT	30-Apr	-	-	
137-138	III	Mountain Gem Russet	Skone and Connors	Skyline Farms	ID	30-Apr	2	-	
139-140	I	Canberra	Johnson Ag	Wiersma	CAN-AB	30-Apr	-	-	
139-140	II	Clearwater	Skone and Connors	Big Sky Seed	MT	30-Apr	-	-	
139-140	III	Clearwater	Skone and Connors	Big Sky Seed	MT	30-Apr	-	-	
141-142	I	Yellow Star	Johnson Ag	Belly River	CAN-AB	30-Apr	-	-	
141-142	II	Ciklamen	Johnson Ag	Hidden Valley	ID	30-Apr	-	-	
141-142	III	Vitabella	Johnson Ag	Sunrise	CAN-SK	30-Apr	-	-	
143-144	I	Shepody	100 Circles	Foster Farms	ID	30-Apr	30	-	
143-144	II	Gioconda	Smith and Morrison	Sun Rain	ID	30-Apr	-	-	
143-144	III	Jelly	Smith and Morrison	Sun Rain	ID	30-Apr	-	-	
145-146	I	Shepody	100 Circles	CSS Farms	OR	30-Apr	-	-	
145-146	II	Shepody	100 Circles	Skinner	MT	30-Apr	-	-	
145-146	III	Shepody	100 Circles	Arnold Farms	ID	30-Apr	10	-	
147-148	I	Ranger	100 Circles	Fransen Farms	ID	30-Apr	4	-	
147-148	II	Ranger	100 Circles	Gilbert Farms	ID	30-Apr	-	-	
147-148	III	Shepody	100 Circles	Belly River	CAN-AB	30-Apr	3	-	

* Tier I = North, II = Middle, III = South

Row	Tier*	2019 Washington State Commercial Seed Lot Trial				Planting	Mosaic	Blackleg	Comments and/or Other Flags
	S/M/N	Variety	Seed Receiver	Seed Grower	Source	Date	Yellow Flag	Red Flag	
149-150	I	Ranger	100 Circles	Ricks	ID	30-Apr	-	-	
149-150	II	Ranger	100 Circles	Cottom Seed	MT	30-Apr	-	-	
149-150	III	Ranger	100 Circles	Gibbs Farm	ID	30-Apr	2	-	
151-152	I	Clearwater	100 Circles	Ricks	ID	30-Apr	-	-	
151-152	II	Clearwater	100 Circles	Venhuisen	MT	30-Apr	-	-	
151-152	III	Ranger	100 Circles	Kimm, Martin	MT	30-Apr	-	-	
153-154	I	Clearwater	100 Circles	Kimm Bros	MT	30-Apr	-	-	
153-154	II	Ranger	100 Circles	Lake Seed	MT	30-Apr	2	-	1 variety mix
153-154	III	Ivory Russet	100 Circles	Drost Rolling Hills	CAN-AB	30-Apr	1	1	
155-156	I	Ranger	100 Circles	Neibaur Farms	ID	30-Apr	-	-	
155-156	II	Clearwater	100 Circles	Neibaur Farms	ID	30-Apr	-	-	
155-156	III	Ranger	100 Circles	Kandler Farms	ID	30-Apr	1	-	
157-158	I	Shepody	100 Circles	Gilbert Farms	ID	30-Apr	14	-	
157-158	II	Clearwater	100 Circles	Beutler Farms	ID	30-Apr	2	-	
157-158	III	Clearwater	100 Circles	Foster Farms	ID	30-Apr	-	-	
159-160	I	Yellow Star	Johnson Ag	Belly River	CAN-AB	30-Apr	-	-	
159-160	II	Ivory Russet	100 Circles	Jorgensen	ID	30-Apr	6	-	1 variety mix
159-160	III	Clearwater	100 Circles	Skinner	MT	30-Apr	-	-	
161-162	I	Burbank	WHB	SHB	WA	7-May	2	-	
161-162	II	Burbank	WHB	Schutter Farms	MT	7-May	1	-	
161-162	III	Burbank	WHB	Cottom Seed	MT	7-May	-	-	
163-164	I	Umatilla	WHB	Schutter Farms	MT	7-May	-	-	
163-164	II	Burbank	WHB	Streich Farms	MT	7-May	-	-	
163-164	III	Burbank	WHB	Lake Seed	MT	7-May	-	-	
165-166	I	Umatilla	WHB	SHB	WA	7-May	9	-	
165-166	II	Alturas	100 Circles	Ricks	ID	7-May	2	-	
165-166	III	Alturas	100 Circles	Foster Land	ID	7-May	1	-	
167-168	I	Alturas	100 Circles	London Hills	MT	7-May	1	-	
167-168	II	Alturas	100 Circles	Gilbert Farms	ID	7-May	6	-	
167-168	III	Alturas	100 Circles	Jorgensen	ID	7-May	17	-	
169-170	I	Castle Russet	100 Circles	CSS Farms	NE	7-May	-	-	
169-170	II	Clearwater	100 Circles	Gibbs Farm	ID	7-May	-	-	
169-170	III	Umatilla	100 Circles	Fransen Farms	ID	7-May	5	-	
171-172	I	Umatilla	100 Circles	Skinner	MT	7-May	3	-	
171-172	II	Umatilla	100 Circles	Crapo Farms	ID	7-May	2	-	
171-172	III	Umatilla	100 Circles	Tobol Farms	MT	7-May	11	-	

* Tier I = North, II = Middle, III = South

Row	Tier*	2019 Washington State Commercial Seed Lot Trial				Planting	Mosaic	Blackleg	Comments and/or Other Flags
	S/M/N	Variety	Seed Receiver	Seed Grower	Source	Date	Yellow Flag	Red Flag	
173-174	I	Umatilla	100 Circles	Dyk Seed Potatoes	MT	7-May	1	-	
173-174	II	Umatilla	100 Circles	Kimm Bros	MT	7-May	2	-	
173-174	III	Umatilla	100 Circles	Venhuisen	MT	7-May	-	-	
175-176	I	Umatilla	Saddle View Farms	SHB	WA	7-May	19	-	
175-176	II	Burbank	Saddle View Farms	SHB	WA	7-May	2	-	
175-176	III	Burbank	Saddle View Farms	Lake, Dan	MT	7-May	-	-	
177-178	I	Burbank	Integrity Ag	Wiedenaar Ranches	MT	7-May	1	-	
177-178	II	Burbank	Integrity Ag	Schutter Farms	MT	7-May	-	-	
177-178	III	Burbank	SHB	WHB	WA	7-May	1	-	
179-180	I	Burbank	MHB Farms	North Bank	CAN-AB	7-May	-	-	
179-180	II	Burbank	MHB Farms	Schutter Farms	MT	7-May	-	-	
179-180	III	Burbank	MHB Farms	SHB	WA	7-May	-	-	
181-182	I	Burbank	MHB Farms	Foth Farms	MT	7-May	-	-	
181-182	II	Burbank	MHB Farms	Streich Farms	MT	7-May	-	-	
181-182	III	Burbank	MHB Farms	Telford	ID	7-May	6	-	
183-184	I	Burbank	Three Mile Canyon Farms	Schutter Farms	MT	7-May	-	-	
183-184	II	Atlantic	Three Mile Canyon Farms	not provided	?	7-May	13	-	
183-184	III	Burbank	MHB Farms	London Hills	MT	7-May	-	-	
185-186	I	Dakota Russet	Three Mile Canyon Farms	not provided	?	7-May	-	-	
187-188	I	Ivory Russet	Three Mile Canyon Farms	ParkLand Seed	CAN-AB	7-May	-	-	
189-190	I	Lamoka	Three Mile Canyon Farms	Drost Rolling Hills	CAN-AB	7-May	-	-	
191-192	I	Lamoka	Three Mile Canyon Farms	Winnemucka	NV	7-May	2	-	

* Tier I = North, II = Middle, III = South

2019 Washington State Commercial Seed Lot Trial

Appendix A

Sorted by Seed Receiver

Row	Tier I/II/III	Seed Receiver
143-144	I	100 Circles
145-146	I	100 Circles
145-146	II	100 Circles
145-146	III	100 Circles
147-148	I	100 Circles
147-148	II	100 Circles
147-148	III	100 Circles
149-150	I	100 Circles
149-150	II	100 Circles
149-150	III	100 Circles
151-152	I	100 Circles
151-152	II	100 Circles
151-152	III	100 Circles
153-154	I	100 Circles
153-154	II	100 Circles
153-154	III	100 Circles
155-156	I	100 Circles
155-156	II	100 Circles
155-156	III	100 Circles
157-158	I	100 Circles
157-158	II	100 Circles
157-158	III	100 Circles
159-160	II	100 Circles
159-160	III	100 Circles
165-166	II	100 Circles
165-166	III	100 Circles
167-168	I	100 Circles
167-168	II	100 Circles
167-168	III	100 Circles
169-170	I	100 Circles
169-170	II	100 Circles
169-170	III	100 Circles
171-172	I	100 Circles
171-172	II	100 Circles
171-172	III	100 Circles
173-174	I	100 Circles
173-174	II	100 Circles
173-174	III	100 Circles
1-2	I	AgriNW
1-2	II	AgriNW
1-2	III	AgriNW
3-4	I	AgriNW
3-4	III	AgriNW
5-6	I	AgriNW
5-6	III	AgriNW

Row	Tier I/II/III	Seed Receiver
7-8	II	AgriNW
7-8	III	AgriNW
9-10	I	AgriNW
9-10	II	AgriNW
9-10	III	AgriNW
11-12	I	AgriNW
11-12	II	AgriNW
11-12	III	AgriNW
13-14	II	AgriNW
13-14	III	AgriNW
15-16	I	AgriNW
15-16	II	AgriNW
17-18	I	AgriNW
17-18	II	AgriNW
17-18	III	AgriNW
19-20	I	AgriNW
95-96	I	AgriNW
97-98	I	AgriNW
97-98	II	AgriNW
97-98	III	AgriNW
99-100	II	AgriNW
99-100	III	AgriNW
101-102	III	AgriNW
25-26	I	Balcom and Moe
25-26	II	Balcom and Moe
25-26	III	Balcom and Moe
27-28	I	Balcom and Moe
19-20	II	Elite Seed
19-20	III	Elite Seed
21-22	I	Elite Seed
21-22	II	Elite Seed
21-22	III	Elite Seed
23-24	I	Elite Seed
23-24	II	Elite Seed
23-24	III	Elite Seed
73-74	III	Elite Seed
75-76	I	Elite Seed
75-76	II	Elite Seed
75-76	III	Elite Seed
77-78	I	Elite Seed
77-78	II	Elite Seed
77-78	III	Elite Seed
79-80	I	Elite Seed
79-80	II	Elite Seed
79-80	III	Elite Seed

2019 Washington State Commercial Seed Lot Trial

Appendix A

Sorted by Seed Receiver

Row	Tier I/II/III	Seed Receiver
81-82	I	Elite Seed
81-82	II	Elite Seed
81-82	III	Elite Seed
83-84	I	Elite Seed
83-84	II	Elite Seed
83-84	III	Elite Seed
85-86	I	Elite Seed
85-86	II	Elite Seed
85-86	III	Elite Seed
87-88	I	Elite Seed
87-88	II	Elite Seed
87-88	III	Elite Seed
89-90	I	Elite Seed
89-90	II	Elite Seed
89-90	III	Elite Seed
115-116	I	Elite Seed
115-116	II	Elite Seed
115-116	III	Elite Seed
117-118	I	Elite Seed
117-118	II	Elite Seed
117-118	III	Elite Seed
119-120	I	Elite Seed
119-120	II	Elite Seed
119-120	III	Elite Seed
121-122	I	Elite Seed
121-122	II	Elite Seed
121-122	III	Elite Seed
123-124	I	Elite Seed
123-124	II	Elite Seed
123-124	III	Elite Seed
125-126	I	Elite Seed
125-126	II	Elite Seed
39-40	I	Friehe Farms
39-40	II	Friehe Farms
39-40	III	Friehe Farms
41-42	I	Friehe Farms
41-42	II	Friehe Farms
41-42	III	Friehe Farms
47-48	III	Friehe Farms
113-114	I	Friehe Farms
113-114	II	Friehe Farms
113-114	III	Friehe Farms
91-92	I	Integrity Ag
91-92	II	Integrity Ag
91-92	III	Integrity Ag

Row	Tier I/II/III	Seed Receiver
93-94	I	Integrity Ag
93-94	II	Integrity Ag
93-94	III	Integrity Ag
95-96	III	Integrity Ag
177-178	I	Integrity Ag
177-178	II	Integrity Ag
139-140	I	Johnson Ag
141-142	I	Johnson Ag
141-142	II	Johnson Ag
141-142	III	Johnson Ag
159-160	I	Johnson Ag
63-64	I	Maple Wood Farms
63-64	II	Maple Wood Farms
63-64	III	Maple Wood Farms
65-66	I	Maple Wood Farms
3-4	II	McNary
5-6	II	McNary
7-8	I	McNary
13-14	I	McNary
15-16	III	McNary
95-96	II	McNary
101-102	II	McNary
103-104	III	McNary
133-134	I	McNary
133-134	II	McNary
133-134	III	McNary
71-72	I	MHB Farms
73-74	I	MHB Farms
73-74	II	MHB Farms
179-180	I	MHB Farms
179-180	II	MHB Farms
179-180	III	MHB Farms
181-182	I	MHB Farms
181-182	II	MHB Farms
181-182	III	MHB Farms
183-184	III	MHB Farms
27-28	II	Premier Seed
27-28	III	Premier Seed
29-30	I	Premier Seed
29-30	II	Premier Seed
29-30	III	Premier Seed
31-32	I	Premier Seed
31-32	II	Premier Seed
31-32	III	Premier Seed
33-34	I	Premier Seed

2019 Washington State Commercial Seed Lot Trial

Appendix A

Sorted by Seed Receiver

Row	Tier I/II/III	Seed Receiver
33-34	II	Premier Seed
33-34	III	Premier Seed
35-36	I	Premier Seed
35-36	II	Premier Seed
35-36	III	Premier Seed
37-38	II	Premier Seed
37-38	III	Premier Seed
65-66	II	Premier Seed
65-66	III	Premier Seed
67-68	I	Premier Seed
67-68	II	Premier Seed
67-68	III	Premier Seed
69-70	I	Premier Seed
69-70	II	Premier Seed
69-70	III	Premier Seed
71-72	II	Premier Seed
71-72	III	Premier Seed
125-126	III	Premier Seed
127-128	I	Premier Seed
127-128	II	Premier Seed
127-128	III	Premier Seed
129-130	I	Premier Seed
129-130	II	Premier Seed
129-130	III	Premier Seed
131-132	I	Premier Seed
131-132	II	Premier Seed
131-132	III	Premier Seed
175-176	I	Saddle View Farms
175-176	II	Saddle View Farms
175-176	III	Saddle View Farms
177-178	SHB	
43-44	I	Skone and Connors
43-44	II	Skone and Connors
43-44	III	Skone and Connors
45-46	I	Skone and Connors
45-46	II	Skone and Connors
45-46	III	Skone and Connors
47-48	I	Skone and Connors
47-48	II	Skone and Connors
49-50	I	Skone and Connors
49-50	II	Skone and Connors
49-50	III	Skone and Connors
51-52	I	Skone and Connors
51-52	II	Skone and Connors
51-52	III	Skone and Connors

Row	Tier I/II/III	Seed Receiver
53-54	I	Skone and Connors
53-54	II	Skone and Connors
135-136	I	Skone and Connors
135-136	II	Skone and Connors
135-136	III	Skone and Connors
137-138	I	Skone and Connors
137-138	II	Skone and Connors
137-138	III	Skone and Connors
139-140	II	Skone and Connors
139-140	III	Skone and Connors
53-54	III	Smith and Morrison
55-56	I	Smith and Morrison
55-56	II	Smith and Morrison
55-56	III	Smith and Morrison
57-58	I	Smith and Morrison
57-58	II	Smith and Morrison
57-58	III	Smith and Morrison
59-60	I	Smith and Morrison
59-60	II	Smith and Morrison
59-60	III	Smith and Morrison
61-62	I	Smith and Morrison
61-62	II	Smith and Morrison
61-62	III	Smith and Morrison
143-144	II	Smith and Morrison
143-144	III	Smith and Morrison
183-184	I	Three Mile Canyon Farms
183-184	II	Three Mile Canyon Farms
185-186	I	Three Mile Canyon Farms
187-188	I	Three Mile Canyon Farms
189-190	I	Three Mile Canyon Farms
191-192	I	Three Mile Canyon Farms
37-38	I	Weber Farms
99-100	I	Weber Farms
101-102	I	Weber Farms
103-104	I	Weber Farms
103-104	II	Weber Farms
105-106	I	Weber Farms
105-106	II	Weber Farms
105-106	III	Weber Farms
107-108	I	Weber Farms
107-108	II	Weber Farms
107-108	III	Weber Farms
109-110	I	Weber Farms
109-110	II	WHB
109-110	III	WHB

2019 Washington State Commercial Seed Lot Trial

Appendix B

Sorted by Seed Grower

Row	Tier I/II/III	Seed Grower
33-34	III	Arbon
131-132	II	Arbon
65-66	III	Arcadia
67-68	III	Arcadia
71-72	II	Arcadia
119-120	III	Arcadia
127-128	I	Arcadia
137-138	II	Arcadia
23-24	II	Arnold Farms
25-26	I	Arnold Farms
29-30	I	Arnold Farms
47-48	I	Arnold Farms
71-72	III	Arnold Farms
145-146	III	Arnold Farms
69-70	II	Atchley, Glen
63-64	III	Bedlington Farms
35-36	I	Belly River
141-142	I	Belly River
147-148	III	Belly River
159-160	I	Belly River
21-22	II	Beutler Farms
33-34	I	Beutler Farms
45-46	I	Beutler Farms
121-122	III	Beutler Farms
157-158	II	Beutler Farms
3-4	III	Beutler, Wes
1-2	I	Big Sky
1-2	III	Big Sky
9-10	II	Big Sky
17-18	II	Big Sky
139-140	II	Big Sky Seed
139-140	III	Big Sky Seed
133-134	II	Buyan, Bill
19-20	II	Cal-Ore Seed
53-54	III	Cal-Ore Seed
137-138	I	Cal-Ore Seed
43-44	I	Canyon View Farms
55-56	II	Cascade Farms
59-60	II	Cascade Farms
61-62	II	Cascade Farms
123-124	II	Castle Rock
103-104	III	Cole, Bill
53-54	I	Cole's Corner Farms
43-44	II	Cottom Seed
45-46	II	Cottom Seed

Row	Tier I/II/III	Seed Grower
49-50	II	Cottom Seed
69-70	III	Cottom Seed
85-86	II	Cottom Seed
127-128	II	Cottom Seed
135-136	I	Cottom Seed
149-150	II	Cottom Seed
161-162	III	Cottom Seed
171-172	II	Crapo Farms
35-36	II	CSS Farms
67-68	II	CSS Farms
89-90	II	CSS Farms
145-146	I	CSS Farms
169-170	I	CSS Farms
23-24	I	Drost Rolling Hills
81-82	III	Drost Rolling Hills
127-128	III	Drost Rolling Hills
153-154	III	Drost Rolling Hills
189-190	I	Drost Rolling Hills
11-12	III	Dyk Seed Potatoes
23-24	III	Dyk Seed Potatoes
95-96	I	Dyk Seed Potatoes
99-100	II	Dyk Seed Potatoes
99-100	III	Dyk Seed Potatoes
101-102	II	Dyk Seed Potatoes
173-174	I	Dyk Seed Potatoes
9-10	I	Dyk, Dan
37-38	III	Dyk, Dan
57-58	I	Ebe Farms
57-58	III	Ebe Farms
61-62	I	Ebe Farms
61-62	III	Ebe Farms
85-86	III	Fleming
87-88	III	Fleming
1-2	II	Foster
33-34	II	Foster
143-144	I	Foster Farms
157-158	III	Foster Farms
165-166	III	Foster Land
31-32	II	Foth Farms
115-116	II	Foth Farms
181-182	I	Foth Farms
91-92	II	Fransen Farms
95-96	III	Fransen Farms
147-148	I	Fransen Farms
169-170	III	Fransen Farms

2019 Washington State Commercial Seed Lot Trial

Appendix B

Sorted by Seed Grower

Row	Tier I/II/III	Seed Grower
75-76	III	FW Seed
63-64	II	Gem Valley
65-66	II	Gibbs Farm
67-68	I	Gibbs Farm
131-132	I	Gibbs Farm
149-150	III	Gibbs Farm
169-170	II	Gibbs Farm
27-28	II	Gilbert Farms
37-38	II	Gilbert Farms
147-148	II	Gilbert Farms
157-158	I	Gilbert Farms
167-168	II	Gilbert Farms
103-104	II	Grande Ronde Farms
97-98	III	Groot
9-10	III	Haarsma
17-18	III	Haarsma
39-40	I	Haarsma
41-42	II	Haarsma
113-114	III	Haarsma
31-32	III	Hawley
141-142	II	Hidden Valley
75-76	II	Jorgensen
115-116	I	Jorgensen
159-160	II	Jorgensen
167-168	III	Jorgensen
155-156	III	Kandler Farms
65-66	I	Karren Farms
7-8	III	Kimm
117-118	I	Kimm Bros
123-124	I	Kimm Bros
153-154	I	Kimm Bros
173-174	II	Kimm Bros
5-6	II	Kimm, Bill
13-14	I	Kimm, Bill
101-102	III	Kimm, Bill
121-122	II	Kimm, Bill
123-124	III	Kimm, Bill
133-134	I	Kimm, Bill
13-14	II	Kimm, Dan
19-20	I	Kimm, Dan
77-78	III	Kimm, Dan
83-84	III	Kimm, Dan
95-96	II	Kimm, Dan
97-98	II	Kimm, Dan
117-118	II	Kimm, Dan

Row	Tier I/II/III	Seed Grower
7-8	II	Kimm, Mark
151-152	III	Kimm, Martin
71-72	I	L.H.F.
21-22	III	LaJoie
69-70	I	Lake Farms
77-78	I	Lake Farms
47-48	III	Lake Seed
85-86	I	Lake Seed
89-90	I	Lake Seed
109-110	I	Lake Seed
117-118	III	Lake Seed
153-154	II	Lake Seed
163-164	III	Lake Seed
111-112	III	Lake Seed
175-176	III	Lake, Dan
19-20	III	Lake, Jack
73-74	I	Lake, Jack
83-84	I	Lake, Jack
119-120	II	Lake, Jack
39-40	II	London Hills
113-114	II	London Hills
129-130	II	London Hills
167-168	I	London Hills
183-184	III	London Hills
27-28	III	Meyer
27-28	I	Moss
155-156	I	Neibaur Farms
155-156	II	Neibaur Farms
73-74	III	Nicholes Farm
55-56	I	Norbest Farms
179-180	I	North Bank
183-184	II	not provided
185-186	I	not provided
57-58	II	Pacific Potato
59-60	I	Pacific Potato
187-188	I	ParkLand Seed
63-64	I	Pieper Farms
131-132	III	R & R Farms
149-150	I	Ricks
151-152	I	Ricks
165-166	II	Ricks
93-94	II	River Ranch
119-120	I	River Ranch
59-60	III	Salazar Farms
5-6	I	Schutter Farms

2019 Washington State Commercial Seed Lot Trial

Appendix B

Sorted by Seed Grower

Row	Tier I/II/III	Seed Grower
5-6	III	Schutter Farms
11-12	II	Schutter Farms
41-42	I	Schutter Farms
89-90	III	Schutter Farms
91-92	III	Schutter Farms
93-94	III	Schutter Farms
109-110	III	Schutter Farms
113-114	I	Schutter Farms
161-162	II	Schutter Farms
163-164	I	Schutter Farms
177-178	II	Schutter Farms
179-180	II	Schutter Farms
183-184	I	Schutter Farms
43-44	III	SHB
51-52	II	SHB
81-82	II	SHB
107-108	III	SHB
111-112	I	SHB
135-136	III	SHB
161-162	I	SHB
165-166	I	SHB
175-176	I	SHB
175-176	II	SHB
179-180	III	SHB
29-30	II	Silver Creek
3-4	I	Skinner
35-36	III	Skinner
45-46	III	Skinner
53-54	II	Skinner
77-78	II	Skinner
87-88	II	Skinner
145-146	II	Skinner
159-160	III	Skinner
171-172	I	Skinner
3-4	II	Skinner, Bill
11-12	I	Skinner, Bill
17-18	I	Skinner, Bill
25-26	II	Skyline Farms
25-26	III	Skyline Farms
29-30	III	Skyline Farms
125-126	II	Skyline Farms
137-138	III	Skyline Farms
39-40	III	Spring Creek
79-80	I	Spring Creek
81-82	I	Spring Creek

Row	Tier I/II/III	Seed Grower
87-88	I	Spring Creek
91-92	I	Spring Creek
97-98	I	Spring Creek
115-116	III	Spring Creek
121-122	I	Spring Creek
125-126	III	Spring Creek
135-136	II	Spruce Lanes
21-22	I	Starkel
31-32	I	Starkel
41-42	III	Starkel
49-50	III	Starkel
51-52	I	Starkel
51-52	III	Starkel
79-80	III	Starkel
93-94	I	Starkel
105-106	II	Starkel
109-110	II	Starkel
125-126	I	Starkel
99-100	I	Starkel, Ed
103-104	I	Starkel, Ed
105-106	I	Starkel, Ed
37-38	I	Starkel, Roger
101-102	I	Starkel, Roger
47-48	II	Stastny Farms
49-50	I	Stastny Farms
15-16	II	Stoddard
79-80	II	Stoddard
133-134	III	Stoddard, Curtis
111-112	II	Streich Farms
163-164	II	Streich Farms
181-182	II	Streich Farms
143-144	II	Sun Rain
143-144	III	Sun Rain
141-142	III	Sunrise
73-74	II	Telford
107-108	I	Telford
129-130	I	Telford
129-130	III	Telford
181-182	III	Telford
105-106	III	Tobol Farms
107-108	II	Tobol Farms
171-172	III	Tobol Farms
83-84	II	Triple R
75-76	I	True North
55-56	III	Van Erkel Farms

