

2009 WASHINGTON COMMERCIAL SEED LOT TRIAL

Cooperators:

WASHINGTON STATE UNIVERSITY

www.potatoes.wsu.edu

Departments of Horticulture/Landscape Architecture, Plant Pathology & Cooperative Extension

WASHINGTON STATE POTATO COMMISSION

www.potatoes.com

WASHINGTON STATE POTATO FOUNDATION

WASHINGTON STATE DEPARTMENT OF AGRICULTURE

KEY TO FLAGS

LEAFROLL: Orange Flag
BLACKLEG: Red Flag
MOSAIC: Yellow Flag (see description below in comment section)
WEAK PLANTS: Pink Flag (plants < 50% the size of the average plant at reading)

WHITE FLAGS (code to abbreviations)
Cal: Calico
Chem: Seed-borne herbicide damage
PLO: Phytoplasm such as Witches broom, Haywire, Purple Top
VM: Variety mix
OT: Off-type, genetic variation within 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: seed tubers too large for planter, or plant did not emerge. You may dig for seed pieces.

Plants were VISUALLY read, unless otherwise indicated.

MOSAIC does not necessarily mean the plant has PVY; rather, it is expressing symptoms that are commonly associated with PVY infection. Some flagged plants were tested with a PVY test kit.

10+ indicates more than 10 plants in particular seed lot were affected within a specific category. In seed lots with 10+ infected plants, **NOT ALL PLANTS WERE FLAGGED** when displaying symptoms.

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 – June 26, 2009

Located at WSU Othello Research Unit

(6 miles East of Hwy. 26/17 Junction, On Booker Rd, ¼ Mile South of Hwy. 26)

8:30 - 9:00 am Coffee and rolls

9:00 - 10:00 am Visit Seed Lot Trial (CCA, WA, and ID credits available)

Concurrent Session I: Potato Cultural Practices Field Tour (CCA credits only)

- 10:15 am **Money for nothing and your chips for free**
Jeanne Debons – Potato Variety Management Institute, Bend, OR
- 10:30 am **Screening for phytonutrient-rich baby potatoes**
Roy Navarre – USDA/ARS – Prosser
- 10:45 am **Strategies for Increasing Seed Productivity – Specialty & Russet Cultivars**
Rick Knowles, Lisa Knowles, Jake Blauer – WSU, Pullman
- 11:00 am **Physiology of Mottling & Other Postharvest Disorders**
Daniel Zommick, Lisa Knowles, G.N.M. Kumar, Rick Knowles – WSU, Pullman
- 11:15 am **Screening for Low-Input Cultivars: Four In-Season N Rates Applied to Eight Potato Cultivars**
Mark Pavek, Zach Holden, Chris Hiles, Rudy Garza, Josh Rodriguez – WSU, Pullman
- 11:30 am **Alturas and Premier Russet In-Season Nitrogen Rates for Maximizing Potato Profits**
Chris Hiles, Mark Pavek, Rick Knowles, Zach Holden, Rudy Garza, Josh Rodriguez – WSU, Pullman
- 11:45 am **Effects of Management on Tuber Maturity & Processing Quality**
Rick Knowles, Mark Pavek, Chris Hiles, Lisa Knowles, Zach Holden – WSU Pullman
- 12:00 pm - 1:00 pm **HOSTED LUNCH**

Concurrent Session II: Potato Pest Management Field Tour (WA, ID, & CCA credits)

- 10:15 am **Money for nothing and your chips for free**
Jeanne Debons – Potato Variety Management Institute, Bend, OR
- 10:30 am **Potato Insect Pest Survey for the Columbia Basin: Aphids, Tuberworm, and Leafhoppers**
Carrie Wohleb – WSU – Grant & Adams Counties
- 10:45 am **Research aimed at managing soil borne diseases of potato**
Tom Cummings, Dennis Johnson - WSU, Pullman
- 11:00 am **Effect of infected seed on Verticillium wilt and black dot**
Dennis Johnson, Tom Cummings – WSU - Pullman
- 11:15 am **Impact of pectolytic bacteria and Verticillium dahliae on potato production.**
Brenda K. Schroeder, Jeremiah Dung and Dennis Johnson – WSU - Pullman
- 11:30 am **Insect pathogen suppression of Colorado potato beetles**
Randa Jabbour, Bill Snyder - WSU, Pullman
- 11:45 am - 1:00 pm **HOSTED LUNCH**

Concurrent Session III: Irrigation Application Efficiency Workshop (WA, ID & CCA credits)

- 10:15 am **Uniformity and Application Efficiency of Irrigation Systems. Obscure but Significant Costs**
Troy Peters, WSU – Prosser, Leigh Nelson, USDA-NRCS, Tom Hoffmann, WSDA – Moses Lake

The workshop will introduce the concept of distribution uniformity, the causes of poor irrigation system performance, and economic and ecological ramifications of poor distribution uniformity.

Topics to be discussed: measures of irrigation efficiency; distribution uniformity: What is it, why is it important, and how it is measured; factors that affect distribution uniformity; process of determining distribution uniformity; corrective measures to improve distribution uniformity; effect of poor distribution uniformity on operational costs; measuring water flow rate of an irrigation system using an ultrasonic flow meter; demonstration of flow rate and distribution pattern of properly and malfunctioning sprayheads and pressure regulators; effect of poor distribution uniformity on environmental degradation; evaluate irrigation system integrity for chemigation applications; conducting site assessments to determine field suitability for chemigation; and common problems with chemigation

- 12:15 - 1:00 pm **HOSTED LUNCH**
CCA and pesticide recertification credits have been applied for (WA & ID)

Special thanks to our

2009 POTATO FIELD DAY SPONSORS

CHAMPIONS

McCain Foods USA Inc.
Paul Lauzier Charitable Foundation
Washington State Potato Foundation

GROWER'S FRIEND

Ag World Support Systems

LUNCH SPONSOR

Zeba Crop Protection Services

CONTRIBUTOR – BOTTLED WATER

Reinke Pasco Inc.

Additional thanks to our seed lot readers and trainees:

Jake Blauer
Don Bradshaw
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Lucy Cooke
Tom Cummings
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Daniel Zommick

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Chris Hiles
Zach Holden
Martin Moore
Josh Rodriguez
Verla Steffler
John Steinboch
Mark Weber
Daniel Zommick

| 2009 Washington Commercial Seed Lot Trial | | | | | Planting | Leaf Roll | Black Leg | Mosaic | Weak Plants | Other |
|---|-----------------------|-------------------------|-------------------|---------|----------|-------------|-----------|-------------|-------------|--------------------|
| Row # | Variety | Seed Receiver | Seed Grower | Source | Date | Orange Flag | Red Flag | Yellow Flag | Pink Flag | White Flag with ID |
| 1 | Classic R. (A95109-1) | 100 Circles | Stoddard Farms | ID | 3/24 | - | - | - | - | - |
| 2 | Alturas | Alford Farms | Telford | ID | 3/24 | - | - | - | - | - |
| 3 | Alturas | Elite Seed | Lake, Jack | MT | 3/24 | - | - | - | - | - |
| 4 | Alturas | Elite Seed | London Hills | MT | 3/24 | - | - | - | - | - |
| 5 | Alturas | SAKS Seed | JJ Farms | MT | 3/24 | - | 1 | - | - | - |
| 6 | Alturas | Western Potato Services | Bjornstad Farms | ND | 3/24 | - | - | 2 | - | - |
| 7 | Blazer R. | Western Potato Services | Beutler, Wes | ID | 3/24 | - | - | - | - | 1 Calico |
| 8 | Alturas | Alford Farms | Gibbs Farms | ID | 3/24 | - | - | 1 | - | - |
| 9 | Colorado Rose | Skone & Connors | Ebe Farms | WA | 3/24 | - | - | 10+ | 5 | - |
| 10 | Premier | SAKS Seed | Fransen | ID | 3/24 | - | - | - | - | - |
| 11 | Colorado Rose | Skone & Connors | Summit Farms | CO | 3/24 | - | - | 3 | - | - |
| 12 | Sierra Gold | Skone & Connors | Cal-Ore Seed | OR | 3/24 | - | - | - | - | - |
| 13 | Pure Gold | Balcom & Moe | Neibaur | ID | 3/24 | - | - | - | - | - |
| 14 | Klondike Rose | Balcom & Moe | Neibaur | ID | 3/24 | - | - | - | - | - |
| 15 | Ciklamen | Balcom & Moe | Ebe Farms | WA | 3/24 | - | - | 2 | - | 1 Off-type |
| 16 | Gold Dust | Balcom & Moe | Neibaur | ID | 3/24 | - | - | - | - | - |
| 17 | Norkotah C-3 | Harvest Fresh | Hansen Farms | MT | 3/24 | - | - | 5 | - | - |
| 18 | Norkotah C-3 | Harvest Fresh | Hansen Farms | MT | 3/24 | - | - | - | - | - |
| 19 | Norkotah C-3 | Harvest Fresh | Hansen Farms | MT | 3/24 | - | - | 2 | - | 1 Calico |
| 20 | Norkotah | Pacific Produce | Cascade Farms | WA | 3/24 | - | - | - | - | - |
| 21 | Norkotah | Western Potato Services | Arnold, Dennie | ID | 3/24 | - | - | 4 | - | - |
| 22 | Norkotah | Western Potato Services | True North | CAN-SAS | 3/24 | 2 | - | 1 | - | - |
| 23 | Norkotah | SAKS Seed | Kimm, Dan | MT | 3/24 | - | - | - | - | - |
| 24 | Norkotah | SAKS Seed | True North | CAN-SAS | 3/24 | - | - | 1 | - | 1 Off-type |
| 25 | Norkotah | Skone & Connors | Dillon Farms | MT | 3/24 | - | - | 5 | 5 | - |
| 26 | Nokotah | Skone & Connors | Jorde | ND | 3/24 | - | - | - | - | 2 Variety Mix |
| 27 | Norkotah | Skone & Connors | Cal-Ore Seed | OR | 3/24 | - | - | 10+ | - | - |
| 28 | Norkotah | Skone & Connors | Spokane Hutterian | WA | 3/24 | - | - | 3 | - | - |
| 29 | Norkotah | Skone & Connors | Spokane Hutterian | WA | 3/24 | - | - | 2 | 1 | - |
| 30 | Norkotah TX296 | Balcom & Moe | Arnold, Bruce | ID | 3/24 | - | - | 3 | 1 | 6 Chem, 1 Calico |
| 31 | Norkotah TX278 | Balcom & Moe | Thompson, Neil | CAN-SAS | 3/24 | - | - | - | - | - |
| 32 | Norkotah | Balcom & Moe | Starkel Farms | MT | 3/24 | - | - | 7 | - | - |
| 33 | Norkotah | Elite Seed | Brown Ent. | WY | 3/24 | - | - | 3 | - | 8 Chem |
| 34 | Highland | Elite Seed | Foth | MT | 3/24 | - | - | - | - | - |
| 35 | Burbank | Elite Seed | Penfold | ID | 3/24 | - | - | 2 | - | - |
| 36 | Ranger | Elite Seed | Starkel Farms | MT | 3/24 | - | - | - | - | 1 Calico |
| 37 | Ranger | Elite Seed | JJ Farms | MT | 3/24 | - | - | - | - | - |
| 38 | Ranger | Elite Seed | Lake Seed Co | MT | 3/24 | - | - | - | - | - |
| 39 | Ranger | Elite Seed | Lake, Jack | MT | 3/24 | - | - | - | - | - |
| 40 | Ranger | Elite Seed | Fleming | MT | 3/24 | - | - | - | - | - |

| 2009 Washington Commercial Seed Lot Trial | | | | | Planting | Leaf Roll | Black Leg | Mosaic | Weak Plants | Other |
|---|-----------|-------------------------|-------------------|--------|----------|-------------|-----------|---|-------------|--------------------|
| Row # | Variety | Seed Receiver | Seed Grower | Source | Date | Orange Flag | Red Flag | Yellow Flag | Pink Flag | White Flag with ID |
| 41 | Ranger | Elite Seed | Grande Ronde | OR | 3/24 | - | - | - | - | - |
| 42 | Ranger | Alford Farms | Gibbs Farms | ID | 3/24 | - | - | 1 | - | - |
| 43 | Ranger | Alford Farms | Gibbs Farms | ID | 3/24 | - | - | - | - | - |
| 44 | Ranger | Alford Farms | Starkel Farms | MT | 3/24 | - | - | - | - | - |
| 45 | Ranger | Alford Farms | Starkel Farms | MT | 3/24 | - | - | - | - | - |
| 46 | Ranger | AgriNW | Maughan | MT | 3/24 | - | - | - | - | - |
| 47 | Ranger | AgriNW P.E. | Gem Valley | ID | 3/24 | - | - | - | - | - |
| 48 | Ranger | AgriNW | Kimm, Martin | MT | 3/24 | - | - | - | - | - |
| 49 | Ranger | Easterday | Johnson | ND | 3/24 | - | - | - | - | - |
| 50 | Ranger | Pacific Produce | Lake, Dan | MT | 3/24 | - | - | - | - | - |
| 51 | Ranger | Pacific Produce | Spokane Hutterian | WA | 3/24 | - | - | - | - | - |
| 52 | Ranger | SAKS Seed | Lake Seed Co | MT | 3/24 | - | - | - | - | 1 Variety Mix |
| 53 | Ranger | SAKS Seed | Fleming | MT | 3/24 | - | - | 1 | - | - |
| 54 | Ranger | Skone & Connors | Piper Farms | MN | 3/24 | - | 1 | 10+ | - | - |
| 55 | Ranger | Western Potato Services | Lake Seed Co | MT | 3/24 | - | - | - | - | - |
| 56 | Ranger | Western Potato Services | Spokane Hutterian | WA | 3/24 | - | - | - | - | - |
| 57 | Premier | Western Potato Services | Beutler, Wes | ID | 3/24 | - | 8 | - | - | - |
| 58 | Shepody | Alford Farms | Reynolds, Brett | ID | 3/24 | - | - | 1 | - | - |
| 59 | Shepody | 100 Circles | Beutler, Wes | ID | 3/24 | - | - | 4 | - | - |
| 60 | Shepody | 100 Circles | Gilbert | ID | 3/24 | - | - | 2 | - | - |
| 61 | Shepody | 100 Circles | Ricks | ID | 3/24 | - | 2 | 3 | - | - |
| 62 | Shepody | 100 Circles | Silver Creek | ID | 3/24 | - | - | 3 | - | - |
| 63 | Shepody | 100 Circles | Steinman | ID | 3/24 | - | - | 3 | - | - |
| 64 | Umatilla | AgriNW P.E. | Beutler, Wes | ID | 3/24 | - | - | - | - | - |
| 65 | Umatilla | AgriNW | Kimm, Bill | MT | 3/24 | - | - | - | - | - |
| 66 | Umatilla | AgriNW | Skinner, Bill | MT | 3/24 | - | - | - | - | - |
| 67 | Umatilla | AgriNW Eureka | Venhuizen | MT | 3/24 | - | - | - | - | - |
| 68 | Umatilla | AgriNW | Stoddard Farms | ID | 3/24 | - | - | - | - | - |
| 69 | Umatilla | SAKS Seed | Cole, Bill | MT | 3/24 | - | - | - | - | - |
| 70 | Umatilla | SAKS Seed | Weidenaar | MT | 3/24 | - | - | - | - | - |
| 71 | Umatilla | AgriNW Eureka | Venhuizen | MT | 3/24 | - | - | - | - | 1 Calico |
| 72 | Umatilla | AgriNW | Venhuizen | MT | 3/24 | - | - | - | - | - |
| 73 | Umatilla | AgriNW | Skinner, Bill | MT | 3/24 | - | - | - | - | - |
| 74 | Alpine R. | SAKS Seed | Jorde | ND | 4/7 | - | - | - | 1 | - |
| 75 | Premier | Alford Farms | B&H Farming | ID | 4/7 | 1 | 3 | - | - | 1 Variety Mix |
| 76 | Alturas | Western Potato Services | Johnson Farms | ND | 4/7 | - | - | 5 | - | - |
| 77 | Alturas | TMCF | GRSF 08-073 | OR | 4/7 | - | - | - | - | - |
| 78 | Alturas | TMCF | GRSF 08-074 | OR | 4/7 | - | - | - | - | - |
| 79 | Alturas | TMCF | GRSF 08-075 | OR | 4/7 | - | - | - | - | - |
| 80 | Canela | Skone & Connors | Summit Farms | CO | 4/7 | - | - | Most plants affected by a physiological condition | | |
| 81 | Ciklamen | Pacific Produce | Ebe Farms | WA | 4/7 | - | - | - | 1 | - |

| 2009 Washington Commercial Seed Lot Trial | | | | | Planting | Leaf Roll | Black Leg | Mosaic | Weak Plants | Other |
|---|-------------------|-------------------------|-----------------|--------|----------|-------------|-----------|-------------|-------------|--------------------|
| Row # | Variety | Seed Receiver | Seed Grower | Source | Date | Orange Flag | Red Flag | Yellow Flag | Pink Flag | White Flag with ID |
| 82 | Ciklamen | Pacific Produce | Ebe Farms | WA | 4/7 | - | - | - | - | - |
| 83 | Gold Dust | Pacific Produce | Neibaur | ID | 4/7 | - | - | - | - | 50/50 Variety Mix |
| 84 | Rio Grande R. | Skone & Connors | Martinez | CO | 4/7 | - | - | 3 | - | - |
| 85 | Alturas | Alford Farms | Starkel, Roger | MT | 4/7 | - | 1 | - | 1 | - |
| 86 | Premier | SAKS Seed | Beutler | ID | 4/7 | - | 9 | - | - | 2 Variety Mix |
| 87 | Premier | TMCF | GRSF 08-081 | OR | 4/7 | - | 5 | - | - | 1 Calico |
| 88 | Premier | TMCF | GRSF 08-079 | OR | 4/7 | - | 9 | - | 1 | 1 Variety Mix |
| 89 | Premier | AgriNW | Stoddard Farms | ID | 4/7 | - | 2 | - | - | - |
| 90 | Premier | AgriNW | Stoddard Farms | ID | 4/7 | - | 4 | - | - | 1 Variety Mix |
| 91 | Premier | AgriNW Eureka | Stoddard Farms | ID | 4/7 | - | 9 | - | - | - |
| 92 | Premier | AgriNW 70-4 | Stoddard Farms | ID | 4/7 | - | 6 | - | 2 | - |
| 93 | Premier | Western Potato Services | Fransen, Dennis | ID | 4/7 | - | - | - | 4 | - |
| 94 | Premier | Western Potato Services | Ricks Farm | ID | 4/7 | - | - | - | - | - |
| 95 | Premier | Western Potato Services | Griffel, Lloyd | ID | 4/7 | - | - | - | - | - |
| 96 | Rosara (Klondike) | Pacific Produce | Unknown | ? | 4/7 | - | - | - | - | - |
| 97 | Norkotah C-8 | SAKS Seed | Mangles | MT | 4/7 | - | - | 3 | - | - |
| 98 | Norkotah C-8 | SAKS Seed | Arnold | ID | 4/7 | - | - | 10+ | - | - |
| 99 | Norkotah | Skone & Connors | Dillon Farms | MT | 4/7 | - | - | 6 | - | - |
| 100 | Norkotah C-3 | Skone & Connors | Summit Farms | CO | 4/7 | - | - | - | - | - |
| 101 | Norkotah | Pacific Produce | Affordable Seed | CO | 4/7 | - | - | 10+ | - | - |
| 102 | Nokotah C-3 | Pacific Produce | Cascade Farms | WA | 4/7 | - | - | 10+ | 1 | - |
| 103 | Norkotah TX278 | Pacific Produce | SL Hill Farms | CO | 4/7 | - | - | 10+ | - | - |
| 104 | Norkotah | Currie Seed | Kimm Brothers | MT | 4/7 | - | - | 1 | - | 1 Variety Mix |
| 105 | Norkotah | Western Potato Services | Arnold, Bruce | ID | 4/7 | - | - | 6 | 1 | 1 Variety Mix |
| 106 | Norkotah | Western Potato Services | Cottom Seed | MT | 4/7 | - | - | 9 | - | - |
| 107 | Norkotah | Western Potato Services | Hanson Bros | MT | 4/7 | - | - | 4 | - | - |
| 108 | Norkotah | Western Potato Services | Norbest Farms | CAN-AB | 4/7 | - | - | - | - | - |
| 109 | Norkotah | Western Potato Services | Macy Farms | OR | 4/7 | - | - | 1 | - | 1 Variety Mix |
| 110 | Norkotah TX296 | Western Potato Services | Arnold, Bruce | ID | 4/7 | - | - | - | - | - |
| 111 | Ranger | TMCF | GRSF 08-072 | OR | 4/7 | - | - | - | 4 | 1 Variety Mix |
| 112 | Ranger | TMCF | GRSF 08-071 | OR | 4/7 | - | 3 | - | 1 | - |
| 113 | Ranger | Pacific Produce | Cottom Seed | MT | 4/7 | - | - | - | - | - |
| 114 | Ranger | 100 Circles | Gross | WA | 4/7 | - | - | - | - | - |
| 115 | Ranger | 100 Circles | Neibaur | ID | 4/7 | - | - | - | 1 | - |
| 116 | Ranger | 100 Circles | Bruce | ID | 4/7 | - | - | 2 | - | - |
| 117 | Ranger | 100 Circles | Ricks | ID | 4/7 | - | - | 2 | - | - |
| 118 | Ranger | 100 Circles | Beutler | ID | 4/7 | - | 1 | 1 | 1 | - |
| 119 | Ranger | 100 Circles | Lake | MT | 4/7 | - | - | - | - | 1 Chem |
| 120 | Ranger | Elite Seed | Hawley | WA | 4/7 | - | - | 1 | 1 | - |
| 121 | Ranger | Elite Seed | Lake Seed Co | MT | 4/7 | - | - | - | - | - |

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|---|--------------|-------------------------|------------------------------|--------|----------|-------------|-----------|-------------|-------------|--------------------|
| Row # | Variety | Seed Receiver | Seed Grower | Source | Date | Orange Flag | Red Flag | Yellow Flag | Pink Flag | White Flag with ID |
| 122 | Ranger | Elite Seed | Van Dyke | MT | 4/7 | - | - | - | - | - |
| 123 | Ranger | Elite Seed | Foth | MT | 4/7 | - | - | - | - | - |
| 124 | Ranger | Elite Seed | Maughan | MT | 4/7 | - | - | - | - | - |
| 125 | Ranger | Currie Seed | Canyon View, Hocker | MT | 4/7 | - | - | - | - | - |
| 126 | Ranger | Currie Seed | Kimm Brothers | MT | 4/7 | - | - | - | - | 1 Variety Mix |
| 127 | Ranger | Western Potato Services | Foth Farms | MT | 4/7 | - | - | - | - | 1 Variety Mix |
| 128 | Ranger | Western Potato Services | Canyon View | MT | 4/7 | - | - | 2 | - | - |
| 129 | Ranger Amisk | Alford Farms | Maughan | MT | 4/7 | - | - | 3 | - | - |
| 130 | Ranger Amisk | Western Potato Services | Johnson Farms | ND | 4/7 | - | - | - | - | - |
| 131 | Burbank | AgriNW | Schutter Seed | MT | 4/7 | - | - | - | - | - |
| 132 | Burbank | AgriNW Eureka | Venhuizen | MT | 4/7 | - | - | - | - | - |
| 133 | Burbank | AgriNW Eureka | Maughan | MT | 4/7 | - | - | - | - | - |
| 134 | Burbank | AgriNW 50-1 | Kimm, Bill | MT | 4/7 | - | - | - | - | - |
| 135 | Burbank | AgriNW Eureka | Maughan | MT | 4/7 | - | - | - | - | - |
| 136 | Burbank | AgriNW 45-1 | Kimm, Martin | MT | 4/7 | - | - | - | - | - |
| 137 | Burbank | Pacific Produce | Starkel, Roger | MT | 4/7 | - | - | - | - | 6 Chem |
| 138 | Burbank | Pacific Produce | Spokane Hutterian | WA | 4/7 | - | - | 2 | - | - |
| 139 | Burbank | Alford Farms | Starkel, Jason, JJ Farms LLC | MT | 4/7 | - | - | - | - | - |
| 140 | Burbank | Western Potato Services | Starkel, Edward | MT | 4/7 | - | - | - | - | - |
| 141 | Shepody | 100 Circles | Stremick | ND | 4/7 | - | 1 | - | - | - |
| 142 | Umatilla | SAKS Seed | Venhuizen | MT | 4/7 | - | - | - | - | - |
| 143 | Umatilla | Friehe Farms | Jespersen | CAN-AB | 4/7 | - | 2 | - | 4 | - |
| 144 | Umatilla | Friehe Farms | Nedrow | ID | 4/7 | - | - | 1 | 1 | - |
| 145 | Umatilla | Friehe Farms | Schutter Seed | MT | 4/7 | - | - | - | - | - |
| 146 | Umatilla | Friehe Farms | Venhuizen | MT | 4/7 | - | 1 | 1 | - | - |
| 147 | Umatilla | Friehe Farms | SunnyCrest | CAN-AB | 4/7 | - | - | - | 1 | - |
| 148 | Umatilla | TMCF | Cole, Bill | MT | 4/7 | - | - | - | - | - |
| 149 | Umatilla | TMCF | Stahl | WA | 4/7 | - | 2 | 1 | - | - |
| 150 | Umatilla | Elite Seed | Venhuizen | MT | 4/7 | - | 1 | - | - | - |
| 151 | Umatilla | Alford Farms | Skinner | MT | 4/7 | - | - | - | - | - |
| 152 | Umatilla | Alford Farms | Gibbs Farms | ID | 4/7 | - | - | - | - | - |
| 153 | Umatilla | AgriNW | Schutter Seed | MT | 4/7 | - | - | - | - | - |
| 154 | Umatilla | AgriNW | Van Dyke, Larry | MT | 4/7 | - | - | - | - | - |
| 155 | Umatilla | AgriNW 10-3 | Buyan, Bill | MT | 4/7 | - | - | - | - | - |
| 156 | Umatilla | Western Potato Services | Skinner | MT | 4/7 | - | - | - | - | - |
| 157 | Umatilla | Western Potato Services | Cole, Bill | MT | 4/7 | - | - | - | - | - |
| 158 | Umatilla | WHB | Streich & Assoc | MT | 4/7 | - | - | - | - | - |
| 159 | Ranger | WHB | Lake Seed Farm | MT | 4/7 | - | - | - | - | 1 Chem |
| 160 | Ranger | WHB | Spokane Hutterian | WA | 4/7 | - | - | - | - | - |
| 161 | A88338-1 | WHB | Kamp Seed Farms | MT | 4/7 | - | - | - | - | - |
| 162 | Western R. | WHB | Hansen Brothers | ID | 4/7 | - | - | - | - | - |

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|---|-------------------|-------------------------|---------------------|---------|----------|---|-----------|-------------|-------------|--------------------|
| Row # | Variety | Seed Receiver | Seed Grower | Source | Date | Orange Flag | Red Flag | Yellow Flag | Pink Flag | White Flag with ID |
| 163 | Alturas | 100 Circles | Grande Ronde | OR | 4/28 | - | - | - | - | - |
| 164 | Alturas | 100 Circles | Jespersen | CAN-AB | 4/28 | - | - | - | - | - |
| 165 | Alturas | 100 Circles | Teeter | WA | 4/28 | - | - | 10+ | - | - |
| 166 | Alturas | 100 Circles | Telford | ID | 4/28 | - | - | - | - | - |
| 167 | Alturas | 100 Circles | Lake Side | CAN-AB | 4/28 | - | - | - | - | - |
| 168 | Alturas | 100 Circles | 3 Rivers | WA | 4/28 | - | - | 3 | 3 | - |
| 169 | No variety listed | C & W | Canyon View | MT | 4/28 | - | - | - | 1 | - |
| 170 | No variety listed | C & W | Gilbert | ID | 4/28 | - | 1 | - | 1 | - |
| 171 | Norkotah | C & W | Parkland Seed LTD | CAN | 4/28 | - | - | 1 | - | - |
| 172 | Grande Ronde | C & W | Sun Valley | ID | 4/28 | - | - | - | - | - |
| 173 | Alturas | C & W | Gibbs Farms | ID | 4/28 | - | - | 1 | - | - |
| 174 | Alturas | C & W | Silver Creek | ID | 4/28 | - | - | - | - | - |
| 175 | Alturas | C & W | Telford | ID | 4/28 | - | - | - | - | - |
| 176 | No variety listed | C & W | Gibbs Farms | ID | 4/28 | - | - | - | - | 1 Chem |
| 177 | Alturas | TMCF | Starkel, Edward | MT | 4/28 | - | - | - | - | - |
| 178 | Rio Grande R. | TMCF | Worley | CO | 4/28 | - | - | 2 | - | - |
| 179 | Rio Grande R. | TMCF | Summit Farms | CO | 4/28 | - | - | 2 | - | 1 Variety Mix |
| 180 | Yukon Gold | TMCF | White | MT | 4/28 | - | - | - | - | - |
| 181 | Yukon Gold | TMCF | Peak of Market | CAN | 4/28 | - | - | - | - | - |
| 182 | Pure Gold | Pacific Produce | Potandon Produce | ID | 4/28 | - | - | 1 | - | - |
| 183 | Pure Gold | Pacific Produce | Potandon Produce | ID | 4/28 | - | - | - | - | 1 Calico |
| 184 | Cecile Red | Pacific Produce | Cascade Seed Potato | OR | 4/28 | - | 1 | 2 | - | - |
| 185 | NO TAG!! | Balcom & Moe | NO TAG | NO TAG | 4/28 | - | - | - | 2 | - |
| 186 | Norkotah TX296 | Balcom & Moe | Arnold, Bruce | ID | 4/28 | - | - | - | 2 | - |
| 187 | Norkotah TX296 | Balcom & Moe | Thompson, Neil | CAN-SAS | 4/28 | - | - | - | - | 1 Calico |
| 188 | Norkotah C-8 | Balcom & Moe | Arnold | ID | 4/28 | - | - | 2 | - | 7 Chem |
| 189 | Norkotah C-3 | Western Potato Services | Summit Farms | CO | 4/28 | - | - | - | - | - |
| 190 | Norkotah | Western Potato Services | Running Y Ranch | CA | 4/28 | - | - | 10+ | - | - |
| 191 | Norkotah | Western Potato Services | Spokane Hutterian | WA | 4/28 | - | - | - | - | - |
| 192 | Norkotah C-3 | Alford Farms | Starkel Farms | MT | 4/28 | - | - | 2 | - | 10+ Mosaic |
| 193 | Norkotah TX278 | Harvest Fresh | San Luis Hills | CO | 4/28 | - | - | 10+ | 2 | - |
| 194 | Norkotah TX278 | Harvest Fresh | San Luis Hills | CO | 4/28 | - | - | 10+ | - | - |
| 195 | Norkotah TX296 | Harvest Fresh | San Luis Hills | CO | 4/28 | - | - | 10+ | - | - |
| 196 | Norkotah TX296 | Harvest Fresh | San Luis Hills | CO | 4/28 | - | - | 10+ | - | - |
| 197 | Canela | Western Potato Services | Summit Farms | CO | 4/28 | Most plants affected by a physiological condition | | | 2 | - |
| 198 | Premier | Western Potato Services | Gilbert Farms | CO | 4/28 | - | - | - | - | - |
| 199 | Premier | Western Potato Services | Keuhl Farms | ID | 4/28 | - | - | - | 1 | - |
| 200 | Premier | WHB | Foth Farms | MT | 4/28 | - | - | - | - | - |
| 201 | Premier | 100 Circles | Ricks | ID | 4/28 | - | - | - | 2 | - |
| 202 | Premier | 100 Circles | Ricks | ID | 4/28 | - | - | - | 2 | - |

| 2009 Washington Commercial Seed Lot Trial | | | | | Planting | Leaf Roll | Black Leg | Mosaic | Weak Plants | Other |
|---|----------------------|-------------------------|-------------------|--------|----------|-------------|-----------|-------------|-------------|--------------------|
| Row # | Variety | Seed Receiver | Seed Grower | Source | Date | Orange Flag | Red Flag | Yellow Flag | Pink Flag | White Flag with ID |
| 203 | Highland | Friehe Farms | Foth Farms | MT | 4/28 | - | - | - | - | 1 Variety Mix |
| 204 | Burbank | Friehe Farms | Lake Seed | MT | 4/28 | - | - | - | - | - |
| 205 | Burbank | Friehe Farms | London Hills | MT | 4/28 | - | - | 1 | - | 2 Chem |
| 206 | Burbank | Jensen | Bedlington, Dick | WA | 4/28 | - | 1 | - | - | 2 Variety Mix |
| 207 | Burbank | Jensen | Spokane Hutterian | WA | 4/28 | - | 2 | - | - | - |
| 208 | Burbank | TMCF | GRSF | OR | 4/28 | - | - | 2 | - | - |
| 209 | Burbank | Pacific Produce | Macy Farms | OR | 4/28 | - | - | - | - | - |
| 210 | Burbank | Pacific Produce | Starkel, Edward | MT | 4/28 | - | - | - | - | 1 Chem |
| 211 | Burbank | Pacific Produce | Spokane Hutterian | WA | 4/28 | - | - | - | - | - |
| 212 | Burbank | Western Potato Services | Silver Creek | ID | 4/28 | - | - | - | - | - |
| 213 | Burbank | Western Potato Services | Spokane Hutterian | WA | 4/28 | - | - | - | 1 | - |
| 214 | Burbank | Western Potato Services | Fleming | MT | 4/28 | - | - | - | 1 | - |
| 215 | Burbank | Western Potato Services | Lake Seed | MT | 4/28 | - | - | - | - | - |
| 216 | Burbank | Western Potato Services | Starkel, Edward | MT | 4/28 | - | - | - | 3 | - |
| 217 | Burbank | Western Potato Services | Macy Farms | OR | 4/28 | - | 1 | - | - | - |
| 218 | Burbank | Alford Farms | Cheyne Bros LLC | OR | 4/28 | - | - | - | - | - |
| 219 | Burbank | AgriNW Eureka | Schutter | MT | 4/28 | - | - | - | - | - |
| 220 | Burbank | Alford Farms | Fleming | MT | 4/28 | - | - | - | 1 | - |
| 221 | Burbank | AgriNW | Schutter | MT | 4/28 | - | - | - | - | - |
| 222 | Burbank | AgriNW | Stoddard Farms | ID | 4/28 | - | - | 3 | - | - |
| 223 | Burbank | AgriNW | Dyk, D. | MT | 4/28 | - | - | - | - | - |
| 224 | Burbank | AgriNW Eureka | Groot Farms | CAN-AB | 4/28 | - | - | - | - | - |
| 225 | Burbank | AgriNW | Wataview Farms | MT | 4/28 | - | - | - | - | - |
| 226 | Burbank | AgriNW | Kimm | MT | 4/28 | - | 1 | - | - | - |
| 227 | Burbank | AgriNW | Maughan | MT | 4/28 | - | - | - | - | - |
| 228 | Burbank | AgriNW Eureka | Schutter | MT | 4/28 | - | - | - | - | - |
| 229 | Burbank | Elite Seed | Spokane Hutterian | WA | 4/28 | - | - | - | - | - |
| 230 | Burbank | Elite Seed | Lake Seed | MT | 4/28 | - | - | - | - | - |
| 231 | Burbank | Elite Seed | London Hills | MT | 4/28 | - | - | - | - | 2 Chem |
| 232 | Burbank | Elite Seed | Foust | MT | 4/28 | - | - | - | - | - |
| 233 | Bintje | Elite Seed | FRW | CAN-AB | 4/28 | - | - | 1 | - | - |
| 234 | Ranger | Skone & Connors | Dillon Farms | MT | 4/28 | - | - | - | - | 1 Variety Mix |
| 235 | Ranger (Not Ranger!) | Skone & Connors | Dillon Farms | MT | 4/28 | - | - | - | - | - |
| 236 | Ranger | Skone & Connors | Spokane Hutterian | WA | 4/28 | - | - | - | 1 | - |
| 237 | Ranger | Pacific Produce | Starkel, Roger | MT | 4/28 | - | - | - | - | - |
| 238 | Ranger | 100 Circles | Atchley | ID | 4/28 | - | - | 3 | - | - |
| 239 | Umatilla | WHB | Bedlington, Dick | WA | 4/28 | - | - | - | - | - |
| 240 | Umatilla | WHB | Schutter | MT | 4/28 | - | - | - | - | - |
| 241 | Umatilla | WHB | Spokane Hutterian | WA | 4/28 | - | - | - | 1 | - |
| 242 | Umatilla | TMCF | Venhuizen | MT | 4/28 | - | - | 4 | - | - |

| 2009 Washington Commercial Seed Lot Trial | | | | | Planting | Leaf Roll | Black Leg | Mosaic | Weak Plants | Other |
|---|-----------------------|-------------------------|---------------------|--------|----------|-------------|-----------|-------------|------------------------------|---------------------|
| Row # | Variety | Seed Receiver | Seed Grower | Source | Date | Orange Flag | Red Flag | Yellow Flag | Pink Flag | White Flag with ID |
| 243 | Umatilla | TMCF | Spring Creek Farms | MT | 4/28 | - | - | - | - | - |
| 244 | Umatilla | TMCF | GRSF | OR | 4/28 | - | - | 1 | 3 | - |
| 245 | Umatilla | Western Potato Services | Buyan Ranch | MT | 4/28 | - | - | - | - | - |
| 246 | Umatilla | Western Potato Services | Fransen, Dennis | ID | 4/28 | - | - | 2 | 1 | - |
| 247 | Umatilla | Western Potato Services | Grande Ronde | OR | 4/28 | - | - | 1 | - | - |
| 248 | Umatilla | 100 Circles | Buyan Ranch | MT | 4/28 | - | - | - | 1 | - |
| 249 | Umatilla | 100 Circles | Beutler | ID | 4/28 | - | - | - | - | - |
| 250 | Umatilla | 100 Circles | Fransen, Dennis | ID | 4/28 | - | - | 3 | - | - |
| 251 | Umatilla | 100 Circles | Skinner | MT | 4/28 | - | - | 1 | - | - |
| 252 | Umatilla | 100 Circles | RDO | OR | 4/28 | - | - | - | - | - |
| 253 | Umatilla | Alford Farms | Van Dyke | MT | 4/28 | - | - | - | 2 | - |
| 254 | Umatilla | SAKS Seed | Beutler | ID | 4/28 | - | - | - | 1 | - |
| 255 | Umatilla | SAKS Seed | SHB | WA | 4/28 | - | 1 | - | - | - |
| 256 | Burbank | SAKS Seed | Cottom Seed | MT | 4/28 | - | - | - | - | 2 VM, 1 Chem, 1 Cal |
| 257 | Umatilla | SAKS Seed | Skinner | MT | 4/28 | - | - | - | - | - |
| 258 | Burbank | AgriNW Eureka | Weidenaar | MT | 4/28 | - | - | - | - | - |
| 259 | Burbank | AgriNW Eureka | Van Dyke | MT | 4/28 | - | - | 1 | - | - |
| 260 | Burbank | AgriNW Eureka | Foust | MT | 4/28 | - | - | - | - | - |
| 261 | Alpine R. (A9305-10) | Western Potato Services | Jorde | ND | 5/5 | - | 1 | - | - | - |
| 262 | Agata | Pacific Produce | Ebe Farms | WA | 5/5 | - | - | - | - | - |
| 263 | Alturas | MHB | Lake, Jack | MT | 5/5 | - | - | - | - | - |
| 264 | Alturas | MHB | London Hills | MT | 5/5 | - | - | - | - | - |
| 265 | Blazer R. | 100 Circles | Beutler | ID | 5/5 | - | - | - | - | - |
| 266 | Clearwater R. (95154) | Western Potato Services | Kuehl Farms | ID | 5/5 | - | - | 7 | - | - |
| 267 | Clearwater R. | MHB | Kuehl Farms | ID | 5/5 | - | - | 1 | - | - |
| 268 | Clearwater R. | MHB | Kuehl Farms | ID | 5/5 | - | - | 1 | - | - |
| 269 | Cecile | Pacific Produce | Cascade Farms | OR | 5/5 | - | - | 3 | - | - |
| 270 | Defender | MHB | Telford | ID | 5/5 | - | - | 8 | Mosaic possibly PVS, not PVY | |
| 271 | Klondike Rose | Pacific Produce | Ebe Farms | WA | 5/5 | - | - | - | - | - |
| 272 | Klondike Rose | Pacific Produce | Maple Wood | WA | 5/5 | - | 5 | - | - | - |
| 273 | Dark Red Norland | MHB | Spokane Hutterian | WA | 5/5 | - | - | - | 4 | - |
| 274 | Yukon Gem | WSU Potato Group | Tetonia - UI | ID | 5/5 | - | - | - | - | - |
| 275 | Pure Gold | Harvest Fresh | HZPC | CAN-AB | 5/5 | - | - | - | - | - |
| 276 | Pure Gold | Harvest Fresh | HZPC | CAN-AB | 5/5 | - | - | - | 1 | - |
| 277 | Pure Gold | Harvest Fresh | Atchley | ID | 5/5 | - | - | - | - | - |
| 278 | Pure Gold | Harvest Fresh | Atchley | ID | 5/5 | - | - | 1 | - | - |
| 279 | Norkotah TX296 | Harvest Fresh | Dennie Arnold Farms | ID | 5/5 | - | - | 7 | - | - |
| 280 | Norkotah TX296 | Harvest Fresh | Dennie Arnold Farms | ID | 5/5 | - | - | 6 | - | - |
| 281 | Norkotah TX296 | Harvest Fresh | Dennie Arnold Farms | ID | 5/5 | - | - | 6 | - | - |
| 282 | Norkotah TX296 | Harvest Fresh | San Luis Hills | CO | 5/5 | - | - | 10+ | - | - |

| 2009 Washington Commercial Seed Lot Trial | | | | | Planting | Leaf Roll | Black Leg | Mosaic | Weak Plants | Other |
|---|------------------------|-------------------------|-------------------|---------|----------|-------------|-----------|-------------|-------------|----------------------|
| Row # | Variety | Seed Receiver | Seed Grower | Source | Date | Orange Flag | Red Flag | Yellow Flag | Pink Flag | White Flag with ID |
| 283 | Norkotah TX278 | Harvest Fresh | San Luis Hills | CO | 5/5 | - | - | 10+ | - | - |
| 284 | Norkotah TX296 | Harvest Fresh | San Luis Hills | CO | 5/5 | - | - | 10+ | - | - |
| 285 | Umatilla | Western Potato Services | Beutler | ID | 5/5 | - | - | - | - | - |
| 286 | Norkotah C-3 | Western Potato Services | Cottom Seed | MT | 5/5 | - | - | 2 | - | 1 Variety Mix, 1 PLO |
| 287 | Burbank | Western Potato Services | Kuberg, Don | MT | 5/5 | - | - | - | - | - |
| 288 | Burbank | Western Potato Services | Cole, Bill | MT | 5/5 | - | - | 1 | 1 | - |
| 289 | Burbank | Western Potato Services | Cottom Seed | MT | 5/5 | - | - | 1 | - | - |
| 290 | Burbank | Western Potato Services | Johnson Farms | ND | 5/5 | - | - | - | - | - |
| 291 | Burbank | Western Potato Services | Bruksle Ranch | MT | 5/5 | - | - | - | - | - |
| 292 | Burbank | Western Potato Services | Canyon View | MT | 5/5 | - | - | - | - | - |
| 293 | Burbank | Western Potato Services | Kimm Brothers | MT | 5/5 | - | - | 2 | - | - |
| 294 | Burbank | Currie Seed | Hocker, Bill | MT | 5/5 | - | - | - | - | - |
| 295 | Burbank | Currie Seed | Kimm Brothers | MT | 5/5 | - | - | - | 1 | - |
| 296 | Burbank | Currie Seed | Cole, Bill | MT | 5/5 | - | - | - | - | - |
| 297 | Burbank | Friehe Farms | Lucky Lake | CAN-SAS | 5/5 | - | - | - | - | - |
| 298 | Burbank | Friehe Farms | Parkland Seed LTD | CAN-AB | 5/5 | - | - | - | - | - |
| 299 | Burbank | Friehe Farms | Schutter | MT | 5/5 | - | - | - | - | - |
| 300 | Burbank | MHB | SHB | WA | 5/5 | - | 2 | - | 1 | 1 Chem |
| 301 | Burbank | MHB | Cole, Bill | MT | 5/5 | - | - | - | - | - |
| 302 | Burbank (Not Burbank!) | MHB | London Hills | MT | 5/5 | - | - | - | 1 | - |
| 303 | Burbank | MHB | Lake, Jack | MT | 5/5 | - | - | - | 1 | - |
| 304 | Burbank | MHB | Foth, Matt | MT | 5/5 | - | - | - | - | - |
| 305 | Ranger | MHB | Spokane Hutterian | WA | 5/5 | - | - | - | - | - |
| 306 | Premier (Not Premier!) | MHB | Atchley | ID | 5/5 | - | - | - | 1 | - |
| 307 | Premier | Currie Seed | Atchley | ID | 5/5 | - | - | - | 1 | - |
| 308 | Premier | 100 Circles | Beutler | ID | 5/5 | - | - | - | 1 | - |
| 309 | Premier | 100 Circles | Atchley | ID | 5/5 | - | - | - | 3 | 1 Variety Mix |
| 310 | Premier | 100 Circles | Gilbert Farms | ID | 5/5 | - | - | - | 2 | - |
| 311 | Premier | 100 Circles | Steinman | ID | 5/5 | - | 1 | - | - | - |
| 312 | Burbank | WHB | Spokane Hutterian | WA | 5/5 | - | - | - | - | - |
| 313 | Burbank | WHB | Streich & Assoc | MT | 5/5 | - | - | 1 | - | - |
| 314 | Burbank | WHB | Bedlington Farms | WA | 5/5 | - | - | - | - | - |
| 315 | Burbank | WHB | Schutter | MT | 5/5 | - | - | - | - | - |
| 316 | Burbank | WHB | Thompson, Neil | CAN-SAS | 5/5 | - | - | - | 1 | - |
| 317 | Burbank | WHB | Lake Seed | MT | 5/5 | - | - | - | - | - |
| 318 | Dark Red Norland | WHB | Kamp Seed Farms | MT | 5/5 | - | - | - | - | - |
| 319 | Cal-Red | WHB | Bedlington Farms | WA | 5/5 | - | - | - | - | - |

2009 Washington Commercial Seed Lot Trial

Appendix A

Sorted by Seed Receiver

| Row # | Seed Receiver |
|-------|---------------|
| 1 | 100 Circles |
| 59 | 100 Circles |
| 60 | 100 Circles |
| 61 | 100 Circles |
| 62 | 100 Circles |
| 63 | 100 Circles |
| 114 | 100 Circles |
| 115 | 100 Circles |
| 116 | 100 Circles |
| 117 | 100 Circles |
| 118 | 100 Circles |
| 119 | 100 Circles |
| 141 | 100 Circles |
| 163 | 100 Circles |
| 164 | 100 Circles |
| 165 | 100 Circles |
| 166 | 100 Circles |
| 167 | 100 Circles |
| 168 | 100 Circles |
| 201 | 100 Circles |
| 202 | 100 Circles |
| 238 | 100 Circles |
| 248 | 100 Circles |
| 249 | 100 Circles |
| 250 | 100 Circles |
| 251 | 100 Circles |
| 252 | 100 Circles |
| 265 | 100 Circles |
| 308 | 100 Circles |
| 309 | 100 Circles |
| 310 | 100 Circles |
| 311 | 100 Circles |
| 46 | AgriNW |
| 48 | AgriNW |
| 65 | AgriNW |
| 66 | AgriNW |
| 68 | AgriNW |
| 72 | AgriNW |
| 73 | AgriNW |
| 89 | AgriNW |
| 90 | AgriNW |
| 131 | AgriNW |
| 153 | AgriNW |
| 154 | AgriNW |
| 221 | AgriNW |

| Row # | Seed Receiver |
|-------|---------------|
| 222 | AgriNW |
| 223 | AgriNW |
| 225 | AgriNW |
| 226 | AgriNW |
| 227 | AgriNW |
| 155 | AgriNW 10-3 |
| 136 | AgriNW 45-1 |
| 134 | AgriNW 50-1 |
| 92 | AgriNW 70-4 |
| 67 | AgriNW Eureka |
| 71 | AgriNW Eureka |
| 91 | AgriNW Eureka |
| 132 | AgriNW Eureka |
| 133 | AgriNW Eureka |
| 135 | AgriNW Eureka |
| 219 | AgriNW Eureka |
| 224 | AgriNW Eureka |
| 228 | AgriNW Eureka |
| 258 | AgriNW Eureka |
| 259 | AgriNW Eureka |
| 260 | AgriNW Eureka |
| 47 | AgriNW P.E. |
| 64 | AgriNW P.E. |
| 2 | Alford Farms |
| 8 | Alford Farms |
| 42 | Alford Farms |
| 43 | Alford Farms |
| 44 | Alford Farms |
| 45 | Alford Farms |
| 58 | Alford Farms |
| 75 | Alford Farms |
| 85 | Alford Farms |
| 129 | Alford Farms |
| 139 | Alford Farms |
| 151 | Alford Farms |
| 152 | Alford Farms |
| 192 | Alford Farms |
| 218 | Alford Farms |
| 220 | Alford Farms |
| 253 | Alford Farms |
| 13 | Balcom & Moe |
| 14 | Balcom & Moe |
| 15 | Balcom & Moe |
| 16 | Balcom & Moe |
| 30 | Balcom & Moe |

2009 Washington Commercial Seed Lot Trial

Appendix A

Sorted by Seed Receiver

| Row # | Seed Receiver |
|-------|---------------|
| 31 | Balcom & Moe |
| 32 | Balcom & Moe |
| 185 | Balcom & Moe |
| 186 | Balcom & Moe |
| 187 | Balcom & Moe |
| 188 | Balcom & Moe |
| 169 | C & W |
| 170 | C & W |
| 171 | C & W |
| 172 | C & W |
| 173 | C & W |
| 174 | C & W |
| 175 | C & W |
| 176 | C & W |
| 104 | Currie Seed |
| 125 | Currie Seed |
| 126 | Currie Seed |
| 294 | Currie Seed |
| 295 | Currie Seed |
| 296 | Currie Seed |
| 307 | Currie Seed |
| 49 | Easterday |
| 3 | Elite Seed |
| 4 | Elite Seed |
| 33 | Elite Seed |
| 34 | Elite Seed |
| 35 | Elite Seed |
| 36 | Elite Seed |
| 37 | Elite Seed |
| 38 | Elite Seed |
| 39 | Elite Seed |
| 40 | Elite Seed |
| 41 | Elite Seed |
| 120 | Elite Seed |
| 121 | Elite Seed |
| 122 | Elite Seed |
| 123 | Elite Seed |
| 124 | Elite Seed |
| 150 | Elite Seed |
| 229 | Elite Seed |
| 230 | Elite Seed |
| 231 | Elite Seed |
| 232 | Elite Seed |
| 233 | Elite Seed |
| 143 | Friehe Farms |

| Row # | Seed Receiver |
|-------|-----------------|
| 144 | Friehe Farms |
| 145 | Friehe Farms |
| 146 | Friehe Farms |
| 147 | Friehe Farms |
| 203 | Friehe Farms |
| 204 | Friehe Farms |
| 205 | Friehe Farms |
| 297 | Friehe Farms |
| 298 | Friehe Farms |
| 299 | Friehe Farms |
| 17 | Harvest Fresh |
| 18 | Harvest Fresh |
| 19 | Harvest Fresh |
| 193 | Harvest Fresh |
| 194 | Harvest Fresh |
| 195 | Harvest Fresh |
| 196 | Harvest Fresh |
| 275 | Harvest Fresh |
| 276 | Harvest Fresh |
| 277 | Harvest Fresh |
| 278 | Harvest Fresh |
| 279 | Harvest Fresh |
| 280 | Harvest Fresh |
| 281 | Harvest Fresh |
| 282 | Harvest Fresh |
| 283 | Harvest Fresh |
| 284 | Harvest Fresh |
| 206 | Jensen |
| 207 | Jensen |
| 263 | MHB |
| 264 | MHB |
| 267 | MHB |
| 268 | MHB |
| 270 | MHB |
| 273 | MHB |
| 300 | MHB |
| 301 | MHB |
| 302 | MHB |
| 303 | MHB |
| 304 | MHB |
| 305 | MHB |
| 306 | MHB |
| 20 | Pacific Produce |
| 50 | Pacific Produce |
| 51 | Pacific Produce |

2009 Washington Commercial Seed Lot Trial

Appendix A

Sorted by Seed Receiver

| Row # | Seed Receiver |
|-------|-----------------|
| 81 | Pacific Produce |
| 82 | Pacific Produce |
| 83 | Pacific Produce |
| 96 | Pacific Produce |
| 101 | Pacific Produce |
| 102 | Pacific Produce |
| 103 | Pacific Produce |
| 113 | Pacific Produce |
| 137 | Pacific Produce |
| 138 | Pacific Produce |
| 182 | Pacific Produce |
| 183 | Pacific Produce |
| 184 | Pacific Produce |
| 209 | Pacific Produce |
| 210 | Pacific Produce |
| 211 | Pacific Produce |
| 237 | Pacific Produce |
| 262 | Pacific Produce |
| 269 | Pacific Produce |
| 271 | Pacific Produce |
| 272 | Pacific Produce |
| 5 | SAKS Seed |
| 10 | SAKS Seed |
| 23 | SAKS Seed |
| 24 | SAKS Seed |
| 52 | SAKS Seed |
| 53 | SAKS Seed |
| 69 | SAKS Seed |
| 70 | SAKS Seed |
| 74 | SAKS Seed |
| 86 | SAKS Seed |
| 97 | SAKS Seed |
| 98 | SAKS Seed |
| 142 | SAKS Seed |
| 254 | SAKS Seed |
| 255 | SAKS Seed |
| 256 | SAKS Seed |
| 257 | SAKS Seed |
| 9 | Skone & Connors |
| 11 | Skone & Connors |
| 12 | Skone & Connors |
| 25 | Skone & Connors |
| 26 | Skone & Connors |
| 27 | Skone & Connors |
| 28 | Skone & Connors |

| Row # | Seed Receiver |
|-------|-------------------------|
| 29 | Skone & Connors |
| 54 | Skone & Connors |
| 80 | Skone & Connors |
| 84 | Skone & Connors |
| 99 | Skone & Connors |
| 100 | Skone & Connors |
| 234 | Skone & Connors |
| 235 | Skone & Connors |
| 236 | Skone & Connors |
| 77 | TMCF |
| 78 | TMCF |
| 79 | TMCF |
| 87 | TMCF |
| 88 | TMCF |
| 111 | TMCF |
| 112 | TMCF |
| 148 | TMCF |
| 149 | TMCF |
| 177 | TMCF |
| 178 | TMCF |
| 179 | TMCF |
| 180 | TMCF |
| 181 | TMCF |
| 208 | TMCF |
| 242 | TMCF |
| 243 | TMCF |
| 244 | TMCF |
| 6 | Western Potato Services |
| 7 | Western Potato Services |
| 21 | Western Potato Services |
| 22 | Western Potato Services |
| 55 | Western Potato Services |
| 56 | Western Potato Services |
| 57 | Western Potato Services |
| 76 | Western Potato Services |
| 93 | Western Potato Services |
| 94 | Western Potato Services |
| 95 | Western Potato Services |
| 105 | Western Potato Services |
| 106 | Western Potato Services |
| 107 | Western Potato Services |
| 108 | Western Potato Services |
| 109 | Western Potato Services |
| 110 | Western Potato Services |
| 127 | Western Potato Services |

2009 Washington Commercial Seed Lot Trial

Appendix A

Sorted by Seed Receiver

| Row # | Seed Receiver |
|-------|-------------------------|
| 128 | Western Potato Services |
| 130 | Western Potato Services |
| 140 | Western Potato Services |
| 156 | Western Potato Services |
| 157 | Western Potato Services |
| 189 | Western Potato Services |
| 190 | Western Potato Services |
| 191 | Western Potato Services |
| 197 | Western Potato Services |
| 198 | Western Potato Services |
| 199 | Western Potato Services |
| 212 | Western Potato Services |
| 213 | Western Potato Services |
| 214 | Western Potato Services |
| 215 | Western Potato Services |
| 216 | Western Potato Services |
| 217 | Western Potato Services |
| 245 | Western Potato Services |
| 246 | Western Potato Services |
| 247 | Western Potato Services |
| 261 | Western Potato Services |
| 266 | Western Potato Services |
| 285 | Western Potato Services |
| 286 | Western Potato Services |
| 287 | Western Potato Services |
| 288 | Western Potato Services |
| 289 | Western Potato Services |
| 290 | Western Potato Services |
| 291 | Western Potato Services |
| 292 | Western Potato Services |
| 293 | Western Potato Services |
| 158 | WHB |
| 159 | WHB |
| 160 | WHB |
| 161 | WHB |
| 162 | WHB |
| 200 | WHB |
| 239 | WHB |
| 240 | WHB |
| 241 | WHB |
| 312 | WHB |
| 313 | WHB |
| 314 | WHB |
| 315 | WHB |
| 316 | WHB |

| Row # | Seed Receiver |
|-------|------------------|
| 317 | WHB |
| 318 | WHB |
| 319 | WHB |
| 274 | WSU Potato Group |

2009 Washington Commercial Seed Lot Trial

Appendix B

Sorted by Seed Grower

| Row # | Seed Grower |
|-------|---------------------|
| 168 | 3 Rivers |
| 101 | Affordable Seed |
| 188 | Arnold |
| 98 | Arnold |
| 30 | Arnold, Bruce |
| 186 | Arnold, Bruce |
| 105 | Arnold, Bruce |
| 110 | Arnold, Bruce |
| 21 | Arnold, Dennie |
| 238 | Atchley |
| 309 | Atchley |
| 307 | Atchley |
| 277 | Atchley |
| 278 | Atchley |
| 306 | Atchley |
| 75 | B&H Farming |
| 314 | Bedlington Farms |
| 319 | Bedlington Farms |
| 206 | Bedlington, Dick |
| 239 | Bedlington, Dick |
| 118 | Beutler |
| 249 | Beutler |
| 265 | Beutler |
| 308 | Beutler |
| 86 | Beutler |
| 254 | Beutler |
| 285 | Beutler |
| 59 | Beutler, Wes |
| 64 | Beutler, Wes |
| 7 | Beutler, Wes |
| 57 | Beutler, Wes |
| 6 | Bjornstad Farms |
| 33 | Brown Ent. |
| 116 | Bruce |
| 291 | Bruksle Ranch |
| 248 | Buyan Ranch |
| 245 | Buyan Ranch |
| 155 | Buyan, Bill |
| 12 | Cal-Ore Seed |
| 27 | Cal-Ore Seed |
| 169 | Canyon View |
| 128 | Canyon View |
| 292 | Canyon View |
| 125 | Canyon View, Hocker |
| 20 | Cascade Farms |

| Row # | Seed Grower |
|-------|---------------------|
| 102 | Cascade Farms |
| 269 | Cascade Farms |
| 184 | Cascade Seed Potato |
| 218 | Cheyne Bros LLC |
| 296 | Cole, Bill |
| 301 | Cole, Bill |
| 69 | Cole, Bill |
| 148 | Cole, Bill |
| 157 | Cole, Bill |
| 288 | Cole, Bill |
| 113 | Cottom Seed |
| 256 | Cottom Seed |
| 106 | Cottom Seed |
| 286 | Cottom Seed |
| 289 | Cottom Seed |
| 279 | Dennie Arnold Farms |
| 280 | Dennie Arnold Farms |
| 281 | Dennie Arnold Farms |
| 25 | Dillon Farms |
| 99 | Dillon Farms |
| 234 | Dillon Farms |
| 235 | Dillon Farms |
| 223 | Dyk, D. |
| 15 | Ebe Farms |
| 81 | Ebe Farms |
| 82 | Ebe Farms |
| 262 | Ebe Farms |
| 271 | Ebe Farms |
| 9 | Ebe Farms |
| 220 | Fleming |
| 40 | Fleming |
| 53 | Fleming |
| 214 | Fleming |
| 34 | Foth |
| 123 | Foth |
| 203 | Foth Farms |
| 127 | Foth Farms |
| 200 | Foth Farms |
| 304 | Foth, Matt |
| 260 | Foust |
| 232 | Foust |
| 10 | Fransen |
| 250 | Fransen, Dennis |
| 93 | Fransen, Dennis |
| 246 | Fransen, Dennis |

2009 Washington Commercial Seed Lot Trial

Appendix B

Sorted by Seed Grower

| Row # | Seed Grower |
|-------|-----------------|
| 233 | FRW |
| 47 | Gem Valley |
| 8 | Gibbs Farms |
| 42 | Gibbs Farms |
| 43 | Gibbs Farms |
| 152 | Gibbs Farms |
| 173 | Gibbs Farms |
| 176 | Gibbs Farms |
| 60 | Gilbert |
| 170 | Gilbert |
| 310 | Gilbert Farms |
| 198 | Gilbert Farms |
| 163 | Grande Ronde |
| 41 | Grande Ronde |
| 247 | Grande Ronde |
| 95 | Griffel, Lloyd |
| 224 | Groot Farms |
| 114 | Gross |
| 208 | GRSF |
| 244 | GRSF |
| 112 | GRSF 08-071 |
| 111 | GRSF 08-072 |
| 77 | GRSF 08-073 |
| 78 | GRSF 08-074 |
| 79 | GRSF 08-075 |
| 88 | GRSF 08-079 |
| 87 | GRSF 08-081 |
| 162 | Hansen Brothers |
| 17 | Hansen Farms |
| 18 | Hansen Farms |
| 19 | Hansen Farms |
| 107 | Hanson Bros |
| 120 | Hawley |
| 294 | Hocker, Bill |
| 275 | HZPC |
| 276 | HZPC |
| 164 | Jespersen |
| 143 | Jespersen |
| 37 | JJ Farms |
| 5 | JJ Farms |
| 49 | Johnson |
| 76 | Johnson Farms |
| 130 | Johnson Farms |
| 290 | Johnson Farms |
| 74 | Jorde |

| Row # | Seed Grower |
|-------|-----------------|
| 26 | Jorde |
| 261 | Jorde |
| 161 | Kamp Seed Farms |
| 318 | Kamp Seed Farms |
| 199 | Keuhl Farms |
| 226 | Kimm |
| 104 | Kimm Brothers |
| 126 | Kimm Brothers |
| 295 | Kimm Brothers |
| 293 | Kimm Brothers |
| 65 | Kimm, Bill |
| 134 | Kimm, Bill |
| 23 | Kimm, Dan |
| 48 | Kimm, Martin |
| 136 | Kimm, Martin |
| 287 | Kuberg, Don |
| 267 | Kuehl Farms |
| 268 | Kuehl Farms |
| 266 | Kuehl Farms |
| 119 | Lake |
| 230 | Lake Seed |
| 204 | Lake Seed |
| 215 | Lake Seed |
| 317 | Lake Seed |
| 38 | Lake Seed Co |
| 121 | Lake Seed Co |
| 52 | Lake Seed Co |
| 55 | Lake Seed Co |
| 159 | Lake Seed Farm |
| 167 | Lake Side |
| 50 | Lake, Dan |
| 3 | Lake, Jack |
| 39 | Lake, Jack |
| 263 | Lake, Jack |
| 303 | Lake, Jack |
| 4 | London Hills |
| 231 | London Hills |
| 205 | London Hills |
| 264 | London Hills |
| 302 | London Hills |
| 297 | Lucky Lake |
| 209 | Macy Farms |
| 109 | Macy Farms |
| 217 | Macy Farms |
| 97 | Mangles |

2009 Washington Commercial Seed Lot Trial

Appendix B

Sorted by Seed Grower

| Row # | Seed Grower |
|-------|------------------|
| 272 | Maple Wood |
| 84 | Martinez |
| 46 | Maughan |
| 227 | Maughan |
| 133 | Maughan |
| 135 | Maughan |
| 129 | Maughan |
| 124 | Maughan |
| 144 | Nedrow |
| 115 | Neibaur |
| 13 | Neibaur |
| 14 | Neibaur |
| 16 | Neibaur |
| 83 | Neibaur |
| 185 | NO TAG |
| 108 | Norbest Farms |
| 171 | Pakland Seed LTD |
| 298 | Pakland Seed LTD |
| 181 | Peak of Market |
| 35 | Penfold |
| 54 | Piper Farms |
| 182 | Potandon Produce |
| 183 | Potandon Produce |
| 252 | RDO |
| 58 | Reynolds, Brett |
| 61 | Ricks |
| 117 | Ricks |
| 201 | Ricks |
| 202 | Ricks |
| 94 | Ricks Farm |
| 190 | Running Y Ranch |
| 193 | San Luis Hills |
| 194 | San Luis Hills |
| 195 | San Luis Hills |
| 196 | San Luis Hills |
| 282 | San Luis Hills |
| 283 | San Luis Hills |
| 284 | San Luis Hills |
| 221 | Schutter |
| 219 | Schutter |
| 228 | Schutter |
| 299 | Schutter |
| 240 | Schutter |
| 315 | Schutter |
| 131 | Schutter Seed |

| Row # | Seed Grower |
|-------|------------------------------|
| 153 | Schutter Seed |
| 145 | Schutter Seed |
| 300 | SHB |
| 255 | SHB |
| 62 | Silver Creek |
| 174 | Silver Creek |
| 212 | Silver Creek |
| 251 | Skinner |
| 151 | Skinner |
| 257 | Skinner |
| 156 | Skinner |
| 66 | Skinner, Bill |
| 73 | Skinner, Bill |
| 103 | SL Hill Farms |
| 229 | Spokane Hutterian |
| 207 | Spokane Hutterian |
| 273 | Spokane Hutterian |
| 305 | Spokane Hutterian |
| 51 | Spokane Hutterian |
| 138 | Spokane Hutterian |
| 211 | Spokane Hutterian |
| 28 | Spokane Hutterian |
| 29 | Spokane Hutterian |
| 236 | Spokane Hutterian |
| 56 | Spokane Hutterian |
| 191 | Spokane Hutterian |
| 213 | Spokane Hutterian |
| 160 | Spokane Hutterian |
| 241 | Spokane Hutterian |
| 312 | Spokane Hutterian |
| 243 | Spring Creek Farms |
| 149 | Stahl |
| 44 | Starkel Farms |
| 45 | Starkel Farms |
| 192 | Starkel Farms |
| 32 | Starkel Farms |
| 36 | Starkel Farms |
| 140 | Starkel, Edward |
| 210 | Starkel, Edward |
| 177 | Starkel, Edward |
| 216 | Starkel, Edward |
| 139 | Starkel, Jason, JJ Farms LLC |
| 237 | Starkel, Roger |
| 85 | Starkel, Roger |
| 137 | Starkel, Roger |

2009 Washington Commercial Seed Lot Trial

Appendix B

Sorted by Seed Grower

| Row # | Seed Grower |
|-------|-----------------|
| 63 | Steinman |
| 311 | Steinman |
| 1 | Stoddard Farms |
| 68 | Stoddard Farms |
| 89 | Stoddard Farms |
| 90 | Stoddard Farms |
| 222 | Stoddard Farms |
| 92 | Stoddard Farms |
| 91 | Stoddard Farms |
| 158 | Streich & Assoc |
| 313 | Streich & Assoc |
| 141 | Stremick |
| 11 | Summit Farms |
| 80 | Summit Farms |
| 100 | Summit Farms |
| 179 | Summit Farms |
| 189 | Summit Farms |
| 197 | Summit Farms |
| 172 | Sun Valley |
| 147 | SunnyCrest |
| 165 | Teeter |
| 166 | Telford |
| 2 | Telford |
| 175 | Telford |
| 270 | Telford |
| 274 | Tetonia - UI |
| 31 | Thompson, Neil |
| 187 | Thompson, Neil |
| 316 | Thompson, Neil |
| 24 | True North |
| 22 | True North |
| 96 | Unknown |
| 259 | Van Dyke |
| 253 | Van Dyke |
| 122 | Van Dyke |
| 154 | Van Dyke, Larry |
| 72 | Venhuizen |
| 67 | Venhuizen |
| 71 | Venhuizen |
| 132 | Venhuizen |
| 150 | Venhuizen |
| 146 | Venhuizen |
| 142 | Venhuizen |
| 242 | Venhuizen |
| 225 | Wataview Farms |

| Row # | Seed Grower |
|-------|-------------|
| 258 | Weidenaar |
| 70 | Weidenaar |
| 180 | White |
| 178 | Worley |