Spring Wheat Breeder Variety Portfolio

Authors:
Steve Van Vleet, Paul Carter and Ryan Higginbotham

Developed in cooperation with
WASHINGTON STATE CROP IMPROVEMENT ASSOCIATION
2575 NE Hopkins Ct.
Pullman, Washington 99163
509-334-0461
http://washingtoncrop.com/
# Table of Contents

<table>
<thead>
<tr>
<th>Page Range</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page 3</td>
<td>Index of Varieties</td>
</tr>
<tr>
<td>Page 4</td>
<td>Definition of Terms</td>
</tr>
<tr>
<td>Pages 5 - 6</td>
<td>Breeder Varietal Summary Table</td>
</tr>
<tr>
<td>Pages 7 - 13</td>
<td>Soft White Spring Wheat</td>
</tr>
<tr>
<td>Pages 8 - 22</td>
<td>Hard Red Spring Wheat</td>
</tr>
<tr>
<td>Pages 22</td>
<td>Irrigated Varieties Only</td>
</tr>
<tr>
<td>Pages 23 - 24</td>
<td>Washington Seedsmen for Certified Seed of Field Pea, Lentil, and Small Grain</td>
</tr>
</tbody>
</table>
# Index of Varieties

<table>
<thead>
<tr>
<th><strong>AgriPro Varieties</strong></th>
<th><strong>Washington State University Varieties</strong></th>
<th><strong>Westbred Varieties</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>AgriPro/Syngenta: Bullseye Pg 14</td>
<td>Washington State University: Babe Pg 7</td>
<td>WestBred/Monsanto: WB1035CL+ Pg 13</td>
</tr>
<tr>
<td>AgriPro/Syngenta: SY Coho Pg 18</td>
<td>Washington State University: Diva Pg 7</td>
<td>WestBred/Monsanto: WB6121 Pg 12</td>
</tr>
<tr>
<td>AgriPro/Syngenta: SY Selway Pg 19</td>
<td>Washington State University: Louise Pg 8</td>
<td>WestBred/Monsanto: WB6341 Pg 12</td>
</tr>
<tr>
<td>AgriPro/Syngenta: SY Steelhead Pg 19</td>
<td>Washington State University: Melba Pg 9</td>
<td>WestBred/Monsanto: WB9229 Pg 20</td>
</tr>
<tr>
<td><strong>AgriPro/Syngenta: SY Basalt Pg 22</strong></td>
<td>Washington State University: Ryan Pg 9</td>
<td>WestBred/Monsanto: WB9518 Pg 21</td>
</tr>
<tr>
<td>AgriPro/Syngenta: SY 605CL Pg 20</td>
<td>Washington State University: Seahawk Pg 10</td>
<td>WestBred/Monsanto: WB9668 Pg 21</td>
</tr>
</tbody>
</table>

**Limagrain/University of Idaho**

<table>
<thead>
<tr>
<th>Limagrain/U of I</th>
<th>UI Stone Pg 11</th>
<th>Washington State University: Tekoa Pg 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limagrain:</td>
<td>Buck Pronto Pg 15</td>
<td>Washington State University: Whit Pg 11</td>
</tr>
<tr>
<td>Limagrain:</td>
<td>LCS Iron Pg 17</td>
<td>Washington State University: Alum Pg 14</td>
</tr>
<tr>
<td>Limagrain:</td>
<td>LCS Luna Pg 18</td>
<td>Washington State University: Chet Pg 15</td>
</tr>
<tr>
<td>Washington State University: Dayn Pg 16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Washington State University: Glee Pg 16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Washington State University: Kelse Pg 17</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Washington State University/USDA-ARS: JD Pg 8**

VARIEITIES HIGHLIGHTED IN RED ARE IRRIGATED ONLY
Definition of Terms

Straw strength = the likelihood for a variety to lodge (linked with stature)

Maturity = the time in the late summer in which the wheat variety is ready to harvest

OR, ID & WA Preferred Wheat Varieties Quality Ratings

Most Desirable (MD)—These varieties generally have high test weights, appropriate protein content (kernel properties), and excellent milling and end-use properties.

Desirable (D)—The kernel, milling, and end-use qualities of these varieties range from good to very good. The quality attributes of these varieties are desirable in international trade.

Acceptable (A)—The kernel, milling and end-use qualities of these varieties range from acceptable to good. Individual varieties may possess minor flaws. The quality attributes of these varieties are acceptable in international trade.

Least Desirable (LD)—One or more critical flaws in quality are present in these varieties. The intrinsic quality of PNW wheat will be improved if these varieties are not planted.
## Breeder Varietal Summary Data

<table>
<thead>
<tr>
<th>Type</th>
<th>Variety</th>
<th>Height</th>
<th>Test Wt</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Soft White Spring Wheat</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SWSW</td>
<td>Babe</td>
<td>31.0</td>
<td>2</td>
<td>8</td>
<td>11.4</td>
<td>5</td>
<td>MD</td>
<td>7</td>
</tr>
<tr>
<td>SWSW</td>
<td>Diva</td>
<td>33.0</td>
<td>2</td>
<td>3</td>
<td>11.6</td>
<td>2</td>
<td>MD</td>
<td>7</td>
</tr>
<tr>
<td>SWSW</td>
<td>JD</td>
<td>32.0</td>
<td>2</td>
<td>1</td>
<td>12.1</td>
<td>9</td>
<td>MD</td>
<td>8</td>
</tr>
<tr>
<td>SWSW</td>
<td>Louise</td>
<td>34.0</td>
<td>2</td>
<td>3</td>
<td>11.6</td>
<td>3</td>
<td>MD</td>
<td>8</td>
</tr>
<tr>
<td>SWSW</td>
<td>Melba</td>
<td>24.0</td>
<td>2</td>
<td>2</td>
<td>11.7</td>
<td>9</td>
<td>MD</td>
<td>9</td>
</tr>
<tr>
<td>SWSW</td>
<td>Ryan</td>
<td>31.0</td>
<td>2</td>
<td>3</td>
<td>11.5</td>
<td>1</td>
<td>Pending</td>
<td>9</td>
</tr>
<tr>
<td>SWSW</td>
<td>Seahawk</td>
<td>30.0</td>
<td>2</td>
<td>1</td>
<td>11.9</td>
<td>1</td>
<td>MD</td>
<td>10</td>
</tr>
<tr>
<td>SWSW</td>
<td>Tekoa</td>
<td>27.0</td>
<td>2</td>
<td>2</td>
<td>11.7</td>
<td>1</td>
<td>Pending</td>
<td>10</td>
</tr>
<tr>
<td>SWSW</td>
<td>UI Stone</td>
<td>31.0</td>
<td>2</td>
<td>6</td>
<td>11.4</td>
<td>9</td>
<td>MD</td>
<td>11</td>
</tr>
<tr>
<td>SWSW</td>
<td>Whit</td>
<td>31.0</td>
<td>2</td>
<td>4</td>
<td>11.7</td>
<td>2</td>
<td>MD</td>
<td>11</td>
</tr>
<tr>
<td>SWSW</td>
<td>WB6121</td>
<td>29.0</td>
<td>2</td>
<td>2</td>
<td>12.6</td>
<td>1</td>
<td>Pending</td>
<td>12</td>
</tr>
<tr>
<td>SWSW</td>
<td>WB6341</td>
<td>29.0</td>
<td>2</td>
<td>6</td>
<td>10.8</td>
<td>1</td>
<td>Pending</td>
<td>12</td>
</tr>
<tr>
<td>SWSW</td>
<td>WB1035CL+</td>
<td>29.0</td>
<td>2</td>
<td>8</td>
<td>13.0</td>
<td>2</td>
<td>LD</td>
<td>13</td>
</tr>
<tr>
<td><strong>Hard Red Spring Wheat</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HRSW</td>
<td>Alum</td>
<td>32.0</td>
<td>2</td>
<td>3</td>
<td>13.9</td>
<td>1</td>
<td>MD</td>
<td>14</td>
</tr>
<tr>
<td>HRSW</td>
<td>Bullseye</td>
<td>28.0</td>
<td>1</td>
<td>5</td>
<td>13.5</td>
<td>8</td>
<td>D</td>
<td>14</td>
</tr>
<tr>
<td>HRSW</td>
<td>Buck Pronto</td>
<td>30.0</td>
<td>2</td>
<td>4</td>
<td>14.9</td>
<td>8</td>
<td>D</td>
<td>15</td>
</tr>
<tr>
<td>HRSW</td>
<td>Chet</td>
<td>38.0</td>
<td>1</td>
<td>3</td>
<td>14.6</td>
<td>1</td>
<td>MD</td>
<td>15</td>
</tr>
<tr>
<td>HRSW</td>
<td>Dayn</td>
<td>32.0</td>
<td>2</td>
<td>2</td>
<td>13.5</td>
<td>9</td>
<td>D</td>
<td>16</td>
</tr>
<tr>
<td>HRSW</td>
<td>Glee</td>
<td>31.0</td>
<td>2</td>
<td>3</td>
<td>13.6</td>
<td>1</td>
<td>MD</td>
<td>16</td>
</tr>
</tbody>
</table>
## Breeder Varietal Summary Data – Continued

<table>
<thead>
<tr>
<th>Type</th>
<th>Variety</th>
<th>Height</th>
<th>Test Wt</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hard Red Spring Wheat (cont.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HRSW</td>
<td>Kelse</td>
<td>33.0</td>
<td>2</td>
<td>5</td>
<td>14.7</td>
<td>2</td>
<td>D</td>
<td>17</td>
</tr>
<tr>
<td>HRSW</td>
<td>LCS Iron</td>
<td>29.0</td>
<td>2</td>
<td>1</td>
<td>13.3</td>
<td>8</td>
<td>Pending</td>
<td>17</td>
</tr>
<tr>
<td>HRSW</td>
<td>LCS Luna</td>
<td>28.0</td>
<td>2</td>
<td>4</td>
<td>13.7</td>
<td>—</td>
<td>Pending</td>
<td>18</td>
</tr>
<tr>
<td>HRSW</td>
<td>SY Coho</td>
<td>30.0</td>
<td>2</td>
<td>3</td>
<td>14.0</td>
<td>9</td>
<td>Pending</td>
<td>18</td>
</tr>
<tr>
<td>HRSW</td>
<td>SY Selway</td>
<td>29.0</td>
<td>2</td>
<td>4</td>
<td>14.0</td>
<td>1</td>
<td>Pending</td>
<td>19</td>
</tr>
<tr>
<td>HRSW</td>
<td>SY Steelhead</td>
<td>31.0</td>
<td>2</td>
<td>4</td>
<td>14.6</td>
<td>9</td>
<td>Pending</td>
<td>19</td>
</tr>
<tr>
<td>HRSW</td>
<td>SY 605CL</td>
<td>33.0</td>
<td>2</td>
<td>8</td>
<td>14.8</td>
<td>9</td>
<td>MD</td>
<td>20</td>
</tr>
<tr>
<td>HRSW</td>
<td>WB9229</td>
<td>27.0</td>
<td>2</td>
<td>2</td>
<td>14.5</td>
<td>9</td>
<td>Pending</td>
<td>20</td>
</tr>
<tr>
<td>HRSW</td>
<td>WB9518</td>
<td>28.0</td>
<td>2</td>
<td>1</td>
<td>14.8</td>
<td>8</td>
<td>Pending</td>
<td>21</td>
</tr>
<tr>
<td>HRSW</td>
<td>WB9668</td>
<td>27.0</td>
<td>2</td>
<td>1</td>
<td>15.8</td>
<td>1</td>
<td>Pending</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Irrigated Varieties</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HRSW</td>
<td>SY Basalt</td>
<td>30.5</td>
<td>2</td>
<td>2</td>
<td>13.0</td>
<td>—</td>
<td>Pending</td>
<td>22</td>
</tr>
</tbody>
</table>

**Type:** SWSW = Soft White Spring Wheat; HRSW = Hard Red Spring Wheat; HWSW = Hard White Spring Wheat

**Disease scale key:** 1,2 = resistant; 3,4 = moderately resistant; 5 = moderate; 6,7 = moderately susceptible; 8,9 = susceptible

**Hessian Fly:** 1,2 = resistant; 3,4 = moderately resistant; 5,6 = moderately susceptible; 7-9 = susceptible

**Test Weight:** Labeled as 1-3 (1 = above average test weight, 2 = average test weight, 3 = below average test weight)

* Varieties listed as aluminum tolerant or have a rating for fusarium head blight or soil borne mosaic virus have been tested. All others, consider susceptible or untested

**Adaptation Area Key:** Pages 7 - 22

- = identified dryland production area

- = identified irrigation production area
Babe

Soft White Spring Wheat
Released 2009, PVP 201100010
Pedigree: Alpowa/3/Centennial//Wawawai//Alpowa
Medium stature; medium maturity; excellent straw strength
Test weight 59.6
Precipitation zone >16”

Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.0</td>
<td>8</td>
<td>11.4</td>
<td>5</td>
<td>MD</td>
</tr>
</tbody>
</table>

Diva

Soft White Spring Wheat
Released 2010, PVP 201100268
Pedigree: Treasure/Wawawai//Louise
Tall stature; late maturity; fair straw strength
Test weight 60.1
Precipitation zone <12 - >20”

Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>33.0</td>
<td>3</td>
<td>11.6</td>
<td>2</td>
<td>MD</td>
</tr>
</tbody>
</table>
**JD**

**Soft White Spring Wheat—Club type**

Released 2009, PVP 201100009

Pedigree: ‘Eden’//'Coda’/'PI574537’

Medium—tall stature; medium-late maturity; fair straw strength

Test weight 61.2

Precipitation zone <18”

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>32.0</td>
<td>1</td>
<td>12.1</td>
<td>9</td>
<td>MD</td>
</tr>
</tbody>
</table>

**Louise**

**Soft White Spring Wheat**

Released 2004, PVP 200500311

Pedigree: ‘Wakanz’//'Wawawai’

Tall stature; medium-late maturity; fair straw strength

Test weight 59.0

Precipitation zone >14”

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>34.0</td>
<td>3</td>
<td>11.6</td>
<td>3</td>
<td>MD</td>
</tr>
</tbody>
</table>
Melba

Soft White Spring Wheat
Released 2015, PVP Pending
Pedigree: K88725/Treasure/Calorwa/Paha//Eden*4/P9347A1-2 cross C,8'
Short stature; medium-late maturity; excellent straw strength
Test weight 60.4
Precipitation zone >16”

Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>24.0</td>
<td>2</td>
<td>11.7</td>
<td>9</td>
<td>MD</td>
</tr>
</tbody>
</table>

Ryan

Soft White Spring Wheat
Released 2015, PVP Pending
Pedigree: Diva/IDO644
Short +medium stature; early maturity; good straw strength
Test weight 59.9
Precipitation zone >14” Broadly adapted
* Aluminum tolerance

Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.0</td>
<td>3</td>
<td>11.5</td>
<td>1</td>
<td>Pending</td>
</tr>
</tbody>
</table>
**Seahawk**

**Soft White Spring Wheat**

Released: 2014, PVP 201600078

Pedigree: Whit/Alpowa Yr5//Whit/Alpowa Yr15

Medium stature; medium-late maturity; very good straw strength

Test weight 60.7

Precipitation zone: 18” dryland & >20 “irrigated”

*Aluminum tolerance

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.0</td>
<td>1</td>
<td>11.9</td>
<td>1</td>
<td>D</td>
</tr>
</tbody>
</table>

**Tekoa**

**Soft White Spring Wheat**

Released: 2015, PVP Pending

Pedigree: K88725//Treasure/3/K74129-23/WA6395/\Wakanzygak\Zak Yr 5 + Yr 15/3/Babe

Medium stature; medium-late maturity; very good straw strength

Test weight 60.6

Precipitation zone: >12”

*Aluminum tolerance

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.4</td>
<td>5</td>
<td>12.4</td>
<td>1</td>
<td>Pending</td>
</tr>
</tbody>
</table>
UI Stone

Soft White Spring Wheat

Released 2012, PVP 201300342
Pedigree: 'Pomerelle'*2/'Tui'
Medium-Tall stature; medium maturity; good straw strength
Test weight 60.4
Precipitation zone 18-24”

Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.0</td>
<td>6</td>
<td>11.4</td>
<td>9</td>
<td>MD</td>
</tr>
</tbody>
</table>

Whit

Soft White Spring Wheat

Released 2008, PVP 200900350
Pedigree: 'Challis'(PI 630935)/5/‘EI Gaucho’/‘Sonora 64’//‘Spr Luke Mutant’/3/‘Centennial’/4/‘Alpowa’
Tall stature; early-medium maturity; very good straw strength
Test weight 59.2
Precipitation zone 16 - >20”

Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.0</td>
<td>4</td>
<td>11.7</td>
<td>2</td>
<td>MD</td>
</tr>
</tbody>
</table>
Soft White Spring Wheat
Released 2013, PVP 201400232
Pedigree: ‘TA/*2 PR 1404/3/Expresso/4/*4 Nick’
Medium—short stature; early maturity; excellent straw strength
Test weight 60.6
Precipitation zone 16-20”

Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>2</td>
<td>12.6</td>
<td>1</td>
<td>Pending</td>
</tr>
</tbody>
</table>

WB6121

Soft White Spring Wheat
Released 2013, PVP 201400233
Pedigree: ‘Alturas/Nick’
Medium—short stature; medium-early maturity; excellent straw strength
Test weight 59.5
Precipitation zone 24+”

Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.0</td>
<td>6</td>
<td>10.8</td>
<td>1</td>
<td>Pending</td>
</tr>
</tbody>
</table>
Soft White Spring Wheat—Clearfield type

Released 2011, PVP 201200399


Medium stature; early maturity; fair straw strength

Test weight 59.0

Precipitation zone 16-20"

Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.0</td>
<td>8</td>
<td>13.0</td>
<td>2</td>
<td>LD</td>
</tr>
</tbody>
</table>
**Alum**

**Hard Red Spring Wheat**

Released 2014, PVP 200900351

Pedigree: WA7953/Tara/WA7839

Medium stature; Medium-late maturity; very good straw strength

Test weight 60.9

Precipitation zone >18”

* Aluminunm tolerance

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>32.0</td>
<td>3</td>
<td>13.9</td>
<td>1</td>
<td>MD</td>
</tr>
</tbody>
</table>

**Bullseye**

**Hard Red Spring Wheat**

Released 2009, PVP 200900414

Pedigree: ‘Klein Dragon’//’Buck Charrua’//’Buck Patacon’//Curaco’. All parents except Curaco are Argentine released cultivars.

Medium stature; early maturity; good straw strength

Test weight 61.8

Precipitation zone 18-24+”

* Soil Borne Mosaic Virus = 3

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.0</td>
<td>5</td>
<td>13.5</td>
<td>8</td>
<td>D</td>
</tr>
</tbody>
</table>
**Buck Pronto**

Hard Red Spring Wheat  
Released 2001, PVP 200100067  
Short-Medium stature; Medium maturity; very good straw strength  
Test weight 59.9  
Precipitation zone >16”

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.0</td>
<td>4</td>
<td>14.9</td>
<td>8</td>
<td>D</td>
</tr>
</tbody>
</table>

**Chet**

Hard Red Spring Wheat  
Released 2014, PVP 201600076  
Pedigree: WA7953//Tara/WA7839  
Tall stature; medium-late maturity; very good straw strength  
Test weight 61.5  
Precipitation zone <16”

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>38.0</td>
<td>3</td>
<td>14.6</td>
<td>1</td>
<td>MD</td>
</tr>
</tbody>
</table>
### Dayn

**Hard White Spring Wheat**

Released 2013, PVP 201300130  
Pedigree: ID597/WA7931*2/P9347A1-2  
Medium stature; medium—early maturity; very good straw strength  
Test weight 60.7  
Precipitation zone  Dryland 16-20” & “irrigated”

### Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>32.0</td>
<td>2</td>
<td>13.5</td>
<td>9</td>
<td>D</td>
</tr>
</tbody>
</table>

### Glee

**Hard Red Spring Wheat**

Released 2012, PVP 201300129  
Pedigree: WA7839/ID529  
Medium stature; early maturity; excellent straw strength  
Test weight 61.0  
Precipitation zone  >12”

### Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.0</td>
<td>3</td>
<td>13.6</td>
<td>1</td>
<td>MD</td>
</tr>
</tbody>
</table>
**Kelse**

Hard Red Spring Wheat
Released 2008, PVP 200900531
Pedigree: derived from WestBred 906R (PI483455/PI520542/Scholar)
Medium stature; early maturity; fair straw strength
Test weight 60.0
Precipitation zone ‘All’

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>5</td>
<td>15.4</td>
<td>2</td>
<td>D</td>
</tr>
</tbody>
</table>

**LCS Iron**

Hard Red Spring Wheat
Released 2016, PVP Pending
Pedigree:
Medium stature; early maturity; excellent straw strength
Test weight 59.7
Precipitation zone ‘All’

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.0</td>
<td>1</td>
<td>13.3</td>
<td>8</td>
<td>Pending</td>
</tr>
</tbody>
</table>
**LCS Luna**

Hard Red Spring Wheat  
Released 2016, PVP Pending  
Pedigree: 20989XP/5/SERVBT/9/SR37PK/8/C4SRSHW  
Medium stature; medium maturity; very good straw strength  
Test weight 60.1  
Precipitation zone ‘All’ Best <18”

**Disease/Qaulity and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>4</td>
<td>13.7</td>
<td>—</td>
<td>Pending</td>
</tr>
</tbody>
</table>

**SY Coho**

Hard Red Spring Wheat  
Released 2016, PVP 201600039  
Pedigree: 20989XP/5/SERVBT/9/SR37PK/8/C4SRSHW  
Medium stature; medium maturity; very good straw strength  
Test weight 57.7  
Precipitation zone ‘All’

**Disease/Qaulity and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.0</td>
<td>3</td>
<td>14.0</td>
<td>9</td>
<td>Pending</td>
</tr>
</tbody>
</table>
**SY Selway**

Hard Red Spring Wheat  
Released 2016, PVP  
Pedigree: TARA/N98-0328  
Medium stature; medium–late maturity; good straw strength  
Test weight 59.0  
Precipitation zone ‘All’

### Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.0</td>
<td>4</td>
<td>14.0</td>
<td>1</td>
<td>Pending</td>
</tr>
</tbody>
</table>

**SY Steelhead**

Hard Red Spring Wheat  
Released 2013, PVP 201300338  
Pedigree: B95-0136//’Scab 23-1’  
Tall stature; medium-early maturity; good straw strength  
Test weight 60.0  
Precipitation zone 10-18”

* Fusarium Head Blight = 3

### Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.0</td>
<td>4</td>
<td>14.6</td>
<td>9</td>
<td>Pending</td>
</tr>
</tbody>
</table>
**SY 605CL**

Hard Red Spring Wheat
Released 2011, PVP 201000390;
Medium - tall stature; medium-late maturity; fair straw strength
Test weight 61.2
Precipitation zone 10-18"

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>33.0</td>
<td>8</td>
<td>14.8</td>
<td>9</td>
<td>MD</td>
</tr>
</tbody>
</table>

**WB-9229**

Hard Red Spring Wheat
Released 2013, PVP 201200477
Short stature; medium maturity; very good straw strength
Test weight 60.5
Precipitation zone >20”, irrigated

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>27.0</td>
<td>2</td>
<td>14.5</td>
<td>9</td>
<td>Pending</td>
</tr>
</tbody>
</table>
**WB9518**

**Hard Red Spring Wheat**

Released 2013, PVP 201400035


Medium – short stature; medium maturity; excellent straw strength

Test weight 60.0

Precipitation zone >20”; irrigated

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.0</td>
<td>1</td>
<td>14.8</td>
<td>8</td>
<td>D</td>
</tr>
</tbody>
</table>

**WB-9668**

**Hard Red Spring Wheat**

Released 2015, PVP 201400235

Pedigree: ‘Expresso/WB-Idamax’

Short stature; medium maturity; excellent straw strength

Test weight 61.0

Precipitation zone >24”, irrigated

**Disease/Quality and Adaptation data**

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>27.0</td>
<td>1</td>
<td>14.5</td>
<td>1</td>
<td>Pending</td>
</tr>
</tbody>
</table>
SY Basalt

Hard Red Spring Wheat

Released  2015, PVP 201400335
Pedigree: 99WY51045/97WY64312A
Short stature; early maturity; excellent straw strength
Test weight 59.2
Precipitation zone “irrigated”

Disease/Quality and Adaptation data

<table>
<thead>
<tr>
<th>Height (in)</th>
<th>Stripe Rust</th>
<th>Protein</th>
<th>Hessian Fly</th>
<th>Quality Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.5</td>
<td>2</td>
<td>13.0</td>
<td>—</td>
<td>D</td>
</tr>
</tbody>
</table>
WASHINGTON SEEDSMEN FOR CERTIFIED SEED OF FIELD PEA, LENTIL and SMALL GRAIN

*Plant approved for conditioning certified seed.
**Plant approved for conditioning certified seed which has acceptable automatic mechanical seed sampler.

ADAMS COUNTY
** CHS, Inc., Othello................................................................. 509-488-9681
** Ritzville Seed, LLC, Ritzville............................................. 509-659-0270
** Union Elevator & Warehouse Company, Lind...................... 509-677-3441

Benton County
* M & E Seed Company, Prosser................................................ 509-786-3446
Horse Heaven Grain, LLC, Prosser............................................. 509-786-4997

COLUMBIA COUNTY
** Abbey Farms, Inc., Waitsburg............................................. 509-337-8860
** Columbia County Grain Growers, Inc., Dayton...................... 509-382-2571

DOUGLAS COUNTY
** Central Washington Grain Growers, Inc., Waterville........... 509-745-8551
** John L. McLean Seed Company, Coulee City....................... 509-632-5238

FRANKLIN COUNTY
Bleyhl Farm Service, Pasco...................................................... 509-547-5577
** Connell Grain Growers, Inc., Connell.................................. 1-800-572-5932, 509-234-2641
** Eppich Grain, Inc., Basin City............................................. 509-269-4693
* L & H Seeds, Connell.......................................................... 509-234-4433
* Tri-State Seed, LLC, Connell................................................. 509-234-2500
* Washington Producers, Inc., Basin City............................... 509-269-9218
Wilbur Ellis Company, Pasco.................................................. 800-967-2148

GARFIELD COUNTY
Tomco Seed, Pomeroy.............................................................. 509-843-1468
Western Farm Service, Pomeroy............................................. 509-843-3491

GRANT COUNTY
** Tomco Seeds, Warden......................................................... 509-349-8893
** Connell Grain Growers
Moses Lake.......................................................... 509-765-3898
** Golden West Bean & Grain, Royal City................................. 509-346-9454
** CHS, Inc., Quincy............................................................ 509-787-3511
** KAPA Seed Service, Quincy................................................ 509-787-1561
** McKay Seed Company, Inc., Moses Lake.............................. 509-766-9894

WASHINGTON SEEDSMEN FOR CERTIFIED SEED OF FIELD PEA, LENTIL and SMALL GRAIN

*Plant approved for conditioning certified seed.
**Plant approved for conditioning certified seed which has acceptable automatic mechanical seed sampler.

GRANT COUNTY (Cont.)
** Quincy Farm Chemicals, Inc., Quincy................................. 509-787-4541
Saddle Mountain Supply Company, Royal City......................... 509-346-2291
* Wagner Seed Company, Warden.......................................... 509-349-8094
** Wilson Creek Union Grain & Trading Co., Wilson Creek........ 509-345-2551

KITTITAS COUNTY
* Foothills Farm, Thorp......................................................... 509-964-2515/929-5334
* Old Mill Country Store, Ellensburg...................................... 509-925-5397

Klickitat County
** Jensen Seed Farm, Inc., Bickleton..................................... 509-896-2312
Mid Columbia Producers, Inc., Goldendale............................ 541-442-5555
Centerville................................................................. 541-442-5555

Lincoln County
** AgVentures, Harrington..................................................... 509-253-4604
AgVentures, Odessa............................................................. 509-982-2691
** Almira Farmers Warehouse, Almira.................................. 509-639-2431
** Central Washington Grain Growers, Inc., Wilbur.................. 509-647-5510
** Davenport Union Warehouse Company, Davenport............... 509-725-7081
** McKay Seed Company, Inc., Almira.................................... 509-639-2293
** Ritzville Seed, LLC, Odessa............................................... 509-982-2661
** Reardon Seed Company, Inc., Reardan................................ 509-796-2575

SNOHOMISH COUNTY
** Marine View Farms, Stanwood............................................ 360-629-3952

SPokane COUNTY
** Co-Ag, Fairfield............................................................. 509-283-2333
** Custom Seed Conditioning, Inc., Elk (Portable)..................... 509-292-2506
** Hager Seed Processing, Inc., Oakesdale (Portable).............. 509-999-SEED 509-285-4243
Primeland, Rockford......................................................... 509-291-5511
* Spokane Seed Company, Spokane........................................ 509-535-3671
** WSCIA Foundation Seed Service, WSU Seedhouse, Pullman..... 509-335-4365
WASHINGTON SEEDSMEN FOR CERTIFIED SEED OF FIELD PEA, LENTIL and SMALL GRAIN

*Plant approved for conditioning certified seed.
**Plant approved for conditioning certified seed which has acceptable automatic mechanical seed sampler.

**WALLA WALLA COUNTY**
** Blue Mountain Seed, Inc., Walla Walla……………………………………... 509-529-3366
** Northwest Grain Growers, Inc., Walla Walla……………………………….. 509-525-6510
** Tomco Seed, Clyde/Prescott................................................................. 509-749-2237
Walla Walla (Hwy 125).............................................................................. 509-749-2237
Walla Walla (Airport)................................................................................ 509-529-6787
Adams, OR................................................................................................ 541-566-3522

**WALLA WALLA COUNTY**
** BNP Lentil Company, Farmington.......................................................... 509-287-2711
** Co-Ag, Oakesdale.................................................................................. 509-285-5516
Garfield..................................................................................................... 509-635-1227
Rosalia....................................................................................................... 509-523-3511
** Columbia Grain, Pullman.................................................................... 509-332-1000
** Hager Seed Processing, Inc., Oakesdale.................................................. 509-285-4243
** Johnson Seed, LLC, Garfield.................................................................. 509-365-0107
** McKay Seed Company, Inc., Rosalia.................................................... 509-523-3471
Ritzville Seed, LLC, Lacrosse..................................................................... 509-549-3541
** RMK Farms, Inc., Oakesdale................................................................. 509-285-5521
** Whitgro, Inc., St. John.......................................................................... 509-648-3713
** State Line Processors, Inc., Tekoa........................................................ 509-284-4101
Tomco Seed, Lacrosse.............................................................................. 509-549-3545
** Uniontown Cooperative Assn., Uniontown.......................................... 509-229-3828
** PNW Farmers Co-Op, Steptoe.............................................................. 509-397-4664

**YAKIMA COUNTY**
Bleyhl Farm Service, Grandview............................................................... 509-865-2248
Sunnyside................................................................................................. 509-837-5755
Toppenish................................................................................................. 509-865-2700
Zillah......................................................................................................... 509-829-6922
Connell Grain Growers, Inc., Toppenish.................................................. 509-865-2451
Golden West Seed Co., Inc., Zillah.......................................................... 509-829-9500
**Tri-West Specialties, L.L.C., Harrah...................................................... 509-848-2842
Yakima Co-op, Yakima.............................................................................. 509-457-3333

All data was gathered from the variety testing programs and verified by the spring wheat breeders.

This publication will be annually updated to reflect all current information and changes in small grain varieties.