

## 2020 Idaho Soft White Winter Wheat – Bonners Ferry

Variety or Selection	3-Year Average (bu/A)**	2-Year Average (bu/A)**	2019-2020 Crop Year				
			Seed Yield (bu/A)***	Test Weight (lb/bu)	Plant Height (in)	Lodging (%)	Heading Date
WA8293			<b>123</b>	61.1	34	0	6/7
LCS Hulk	118	110	<b>120</b>	61.7	32	0	6/7
LCS Artdeco	110	103	<b>118</b>	58.5	31	0	6/8
LCS Sonic		100	<b>117</b>	60.4	34	0	6/8
IDO1810			<b>114</b>	61.4	34	0	6/7
ARSX12016-45CBW*			<b>114</b>	60.7	33	0	6/8
Jasper	115	109	<b>114</b>	60.2	33	0	6/7
Bruneau	122	109	<b>113</b>	59.9	35	0	6/8
IDO1808			<b>112</b>	61.9	36	0	6/8
OR2140401			<b>111</b>	59.2	32	0	6/7
LCS Drive		98	<b>111</b>	59.5	29	0	6/7
UIL 15-028024			<b>109</b>	61.2	33	0	6/8
WB1783	115	100	108	63.1	31	0	6/8
Nixon	114	104	106	60.8	35	0	6/7
LCS Shark		91	105	58.3	31	0	6/7
Purl	107	93	103	61.2	33	0	6/8
OR2130755			103	60.9	35	0	6/7
UIL 15-72223			102	61.3	33	0	6/7
WB1532		97	101	61.3	32	0	6/8
Coda*			101	61.9	35	0	6/7
UI Sparrow	103	93	99	58.5	34	0	6/7
Norwest Duet	114	96	98	61.5	36	0	6/8
Stephens	105	93	98	59.9	31	0	6/7
Pritchett*			97	58.5	35	0	6/8
OR5170022*			95	61.3	32	0	6/8
WB-1529	104	87	95	62.1	31	0	6/8
Norwest Tandem	104	94	95	59.4	28	0	6/7
ARSX492-6CBW*			94	59.2	33	0	6/7
SY Ovation	100	87	92	60.2	33	0	6/7
WB-1604	102	92	86	60.8	30	0	6/7
<b>Average</b>	<b>110</b>	<b>97</b>	<b>105</b>	<b>60.5</b>	<b>33</b>	<b>0</b>	<b>6/7</b>
<b>LSD (0.05)</b>	<b>10</b>	<b>14</b>	<b>15</b>	<b>0.8</b>	<b>2</b>	<b>--</b>	<b>ns</b>
<b>CV (%)</b>	<b>11.2</b>	<b>14.0</b>	<b>10.0</b>	<b>1.0</b>	<b>5.2</b>	<b>--</b>	<b>23.8</b>

\*Club wheat

\*\*2-year and 3-year averages were calculated using data from the current year along with 2017 and 2018. The 2019 data was highly variable and unusable.

\*\*\*Variety or selection yields in bold were statistically equal to the top yielding variety.

Note: A number of the entries in this trial were not included in the above analysis due to substantial wildlife damage to awnless varieties. These include ARS Castella, Brundage 96, LCS Blackjack, LCS Shine, LWW16-71088, Rosalyn, VI Bulldog and WA8307. VI Frost also was not reported due to a seed packaging error.

## 2020 Idaho Soft White Winter Wheat (Clearfield) – Bonners Ferry

Variety or Selection	3-Year Average (bu/A)**	2-Year Average (bu/A)**	2019-2020 Crop Year				
			Seed Yield (bu/A)***	Test Weight (lb/bu)	Plant Height (in)	Lodging (%)	Heading Date
WA8305 CL+			<b>117</b>	60.3	37	8	6/8
UIL-17-7706 (CL+)			<b>117</b>	61.6	35	0	6/8
*LCS Artdeco			<b>116</b>	59.0	31	0	6/7
UIL-17-6451 (CL+)			<b>116</b>	62.1	31	0	6/7
UIL-17-6834 (CL+)			<b>113</b>	61.7	34	0	6/7
Stringray CL+		110	<b>113</b>	60.9	31	0	6/8
UI Magic CL+	112	98	<b>111</b>	62.0	33	0	6/7
UIL-17-6268 (CL+)			<b>111</b>	61.1	30	0	6/8
UI Castle CL+	114	105	<b>111</b>	62.1	35	0	6/8
Resilience CL+			<b>110</b>	60.8	33	0	6/8
*WB-1529			104	62.7	30	0	6/7
*SY Ovation			104	61.1	34	0	6/8
*Stephens			102	60.8	32	0	6/7
Appleby CL+			101	61.5	34	0	6/7
OR2X2 CL+	96	84	98	61.0	33	0	6/7
WB1376CLP	100	93	98	61.2	35	0	6/8
WA8306 CL+			94	63.3	33	0	6/7
<b>Average</b>	<b>105</b>	<b>98</b>	<b>108</b>	<b>61.3</b>	<b>33</b>	<b>&lt;1</b>	<b>6/7</b>
<b>LSD (0.05)</b>	<b>10</b>	<b>13</b>	<b>9</b>	<b>0.5</b>	<b>2</b>	<b>ns</b>	<b>1.0</b>
<b>CV (%)</b>	<b>11.9</b>	<b>12.7</b>	<b>6.0</b>	<b>0.6</b>	<b>4.2</b>	<b>824.6</b>	<b>21.4</b>

\*SY Ovation, LCS Artdeco, WB-1529 and Stephens were used as common controls between the two soft white wheat trials.

\*\*2-year and 3-year averages were calculated using data from the current year along with 2017 and 2018. The 2019 data was highly variable and unusable.

\*\*\*Variety or selection yields in bold were statistically equal to the top yielding variety.

## 2020 Idaho Hard Winter Wheat – Bonners Ferry

Variety or Selection	Market Class*	2019-2020 Crop Year						
		3-Year Average (bu/A)**	2-Year Average (bu/A)**	Seed Yield (bu/A)***	Test Weight (lb/bu)	Plant Height (in)	Lodging (%)	Heading Date
LCS Rocket	HRW	123	113	<b>125</b>	60.7	32	0	6/7
Scorpio	HRW			<b>123</b>	61.8	31	0	6/7
LCS Jet	HRW	122	115	<b>123</b>	62.6	31	0	6/7
IDO1608	HRW			<b>119</b>	60.9	34	0	6/8
WB4394	HRW		107	<b>117</b>	63.7	34	0	6/6
Kairos	HRW			<b>117</b>	61.4	29	0	6/6
Millie	HWW	112	108	<b>116</b>	64.4	33	0	6/7
UI Bronze Jade	HWW		99	<b>116</b>	61.1	34	0	6/7
Keldin	HRW	116	104	<b>116</b>	63.1	32	0	6/6
OR2150168H	HWW			<b>116</b>	62.1	34	0	6/7
Irv	HWW	106	101	113	62.5	32	0	6/8
WA8309	HRW			111	59.4	27	0	6/8
OR2160065H	HWW			110	62.8	33	0	6/7
Norwest 553	HRW	107	98	110	63.2	30	0	6/7
IDO1806	HWW			110	64.5	30	0	6/7
WB4311	HRW	109	93	109	63.7	31	0	6/6
UI Silver	HWW	104	96	107	62.7	35	85	6/7
IDO1607	HRW		90	104	61.4	31	0	6/8
WB4623CLP	HRW	95	89	95	63.8	34	0	6/7
IDO1906	HWW			94	60.4	29	0	6/6
WB4303	HRW	98	89	84	60.6	35	3	6/5
<b>Average</b>		<b>109</b>	<b>100</b>	<b>111</b>	<b>62.2</b>	<b>32</b>	<b>4</b>	<b>6/7</b>
<b>LSD (0.05)</b>		<b>13</b>	<b>9</b>	<b>10</b>	<b>0.8</b>	<b>1</b>	<b>9</b>	<b>0.7</b>
<b>CV (%)</b>		<b>12.7</b>	<b>9.2</b>	<b>6.1</b>	<b>0.8</b>	<b>2.9</b>	<b>158.9</b>	<b>17.5</b>

\*HRW = hard red wheat, HWW = hard white wheat

\*\*2-year and 3-year averages were calculated using data from the current year along with 2017 and 2018. The 2019 data was highly variable and unusable.

\*\*\*Variety or selection yields in bold were statistically equal to the top yielding variety.

Note: A number of the entries in this trial were not included in the above analysis due to substantial wildlife damage to awnless varieties. These include LCS Zoom, OR2150169R and WA8289.