

2014 WSU Variety Testing Hard Winter Wheat Trial, St. Andrews

Variety Name *Hard White Italicized	EMERGENCE 0-5 (Low-High)	SURVIVAL 0-9 (Low-High)
Finley	5	6
Farnum	5	7
<i>IDO1101</i>	5	5
UI SRG	5	7
WA 8197	5	7
WA 8178	5	7
Bauermeister	4	5
Keldin	4	6
Eltan (SWW Check)	4	6
NSA10-7208	4	7
Sprinter (WA 8118)	4	5
DAS 1	4	4
WA 8179	4	7
WA 8181	4	5
<i>UI Silver</i>	4	6
Norwest 553	3	2
Whetstone	3	3
<i>OR2080236H</i>	3	1
LCS Evina	3	5
DAS 2	3	4
WA 8180	3	3
Boundary	2	2
LCS Colonia	2	1
WB-Arrowhead	2	4
<i>OR2080156H</i>	2	2
<i>OR2100081H</i>	2	1
LCS Allezy	2	1
AP503 CL2	2	3
<i>WA 8184</i>	2	2
WA 8207	2	3
WA 8208	2	3
IDO816	2	2
LCS-Azimut	1	1
<i>OR2100061H</i>	1	2
IDO1103	1	2
<i>WA 8158</i>	1	2
C.V.%	39	43
LSD	1	2
Average	3	4
Highest	5	7
Lowest	1	1

St. Andrews Hard Winter Wheat

1. The 2014 St. Andrews hard winter wheat trial was located about seven miles west of Coulee City, WA (L. Tannenberg, Cooperator).
2. This nursery was seeded on 3 September, 2013 following fallow. Seed was placed at a 50#/acre seeding rate using a deep-furrow plot drill set on 15-inch spacing. Fall seeding conditions were progressing until heavy rain compacted the soil and greatly reduced emergence and stand establishment. The amount of emergence varied greatly among varieties and the stands were rated in the fall using a 0-5 scale as reported in the St. Andrews table. Over winter the emerged plants were vulnerable to the December and later cold conditions that contributed to some winter injury on some varieties. Thus, spring stands were rated using a scale of 0-9 (0 = no stand and 9 = full stand) and are presented in the table. Fall establishment, cold tolerance and winter survival were factors in the spring stand values. Because of non-uniformity and the overall lack of stands, there were no further agronomic results collected from this site.