

2022 Washington/Northern Idaho Summary, Three-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2020-2022

Variety	3-Yr Combined (2020-2022)		2-Yr Combined (2021-2022)		Combined (2022)		Genesee, ID	Colfax, WA	Heading Date	Plant Height
	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	Yield Bu/A	Julien	Inches
Soft White Winter Wheat										
SY Raptor	133.0	60.7	110.5	60.9	141.8	63.2	129.6	154.1	142	31
AP Exceed	130.3	62.0	102.3	60.7	134.2	62.6	116.8	151.7	140	32
SY Dayton	128.2	61.4	101.4	61.1	126.7	63.0	119.2	134.1	146	32
AP Iliad	127.7	61.4	102.9	61.3	125.8	64.1	121.2	130.5	143	34
AP Dynamic	127.3	60.3	99.5	59.6	129.3	62.7	121.9	136.6	148	35
SY Assure	125.3	62.3	102.5	61.7	128.1	64.5	114.9	141.3	139	32
SY Ovation					135.0	63.6	131.2	138.9		
LCS Sonic	126.3	60.8	98.7	59.9	126.5	63.2	130.3	122.7	145	36
Norwest Duet	126.2	60.3	99.5	59.5	127.9	64.0	121.8	134.1	148	40
LCS Artdeco	126.2	60.7	98.8	60.1	132.8	62.9	116.7	148.8	143	31
PNW Hailey	124.4	61.5	106.2	61.2	141.0	64.1	119.9	162.1	146	36
Norwest Tandem	123.6	60.8	96.6	60.2	114.0	62.9	101.9	126.1	143	29
Resilience CL+	121.5	61.5	99.7	60.9	130.0	63.5	113.5	146.6	147	33
LCS Shine			104.8	60.1	137.4	63.8	123.1	151.7	142	26
Stingray CL+			102.3	61.3	132.7	64.2	111.2	154.2	143	32
LCS HULK			100.6	61.8	128.7	65.4	125.4	132.0	146	35
UI Magic CL+			96.1	61.5	123.8	63.8	106.1	141.5	143	31
WB1783			95.9	61.4	125.6	65.3	122.0	129.3	145	34
Sockeye CL+					139.1	62.6	122.5	155.7		
Mean General	126.9	61.2	101.5	60.6	130.2	63.3	119.2	141.2		
LSD General (5%) EE	ns	1.1	ns	ns	ns	1.6	10.7	22.1		
CV (Effective)	5.7	2.1	6.6	2.8	6.6	1.3	4.4	7.7		

Boldfaced numbers are within confidence interval at specific locations and combined years of yield data.

Locations

2020 — Craigmont Genesee, ID; Cheney, Colfax, Moses Lake (Irr), Pomeroy, and Walla Walla, WA

2021 — Genesee, ID; Colfax and Walla Walla, WA

2022 — Genesee, ID; Colfax, WA