

2023 Washington/Northern Idaho Summary, Three-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2021-2023

Variety	3-Yr Combined (2021-2023)		2-Yr Combined (2022-2023)		Combined (2023)		Craigmont, ID	Genesee, ID	Moses Lake, WA	Walla Walla, WA
	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	Yield Bu/A	Yield Bu/A	Yield Bu/A
Soft White Winter Wheat										
AP Olympia	119.2	61.8	136.5	63.0	130.1	62.3	107.7	157.3	160.8	94.5
AP Iliad	114.4	61.3	127.7	62.3	128.7	61.4	111.0	148.3	157.2	98.1
AP Exceed	113.9	61.1	130.3	62.0	128.3	61.7	119.8	145.6	149.8	98.0
SY Assure	112.7	61.9	126.4	63.0	125.5	62.2	99.7	126.5	175.0	100.8
SY Dayton	110.4	61.3	123.3	62.0	121.6	61.5	114.1	150.7	132.4	89.4
AP Dynamic	110.1	59.6	125.3	60.6	123.4	59.5	101.7	153.9	159.2	78.7
SY Ovation			133.6	61.9	132.9	61.1	118.1	151.8	173.2	88.3
LCS Shine	116.0	60.7	132.5	62.3	130.0	61.5	108.2	128.8	168.5	114.6
Norwest Duet	113.4	59.7	129.9	61.3	130.9	59.9	112.2	156.7	152.3	102.3
PNW Hailey	113.3	61.8	128.5	63.2	122.3	62.8	108.9	149.1	138.4	92.8
LCS Sonic	111.8	60.3	127.5	61.7	128.1	60.9	115.2	158.5	132.0	106.5
LCS Hulk	111.1	61.9	125.8	63.2	124.3	62.1	110.8	147.8	142.6	96.1
LCS Artdeco	110.5	60.4	127.6	61.5	125.0	60.9	101.6	147.9	150.8	99.8
Stingray CL+	110.4	61.3	124.6	62.3	120.6	61.3	97.3	136.1	152.9	96.0
Norwest Tandem	107.5	60.3	118.7	61.3	121.1	60.5	112.3	145.6	132.4	93.9
WB1783	107.4	62.4	123.0	64.2	121.7	63.7	100.0	134.1	162.6	90.1
UI Magic CL+	106.8	61.2	121.4	61.8	120.3	60.8	98.9	141.3	157.7	83.1
Resilience CL+	106.1	61.3	119.3	62.4	114.0	61.9	103.6	140.4	122.3	89.5
Sockeye CL+			132.3	61.5	128.9	61.0	106.5	148.4	162.4	98.3
LCS Blackjack					128.9	57.8	107.6	167.6	145.5	95.0
LCS Drive					122.8	58.6	106.3	127.0	159.6	98.2
Mean General	112.4	61.0	128.1	62.1	126.7	61.1	109.7	148.0	154.3	94.8
LSD General (5%) EE	8.4	1.2	ns	1.2	15.9	1.6	13.9	21.7	31.5	16.1
CV (Effective)	7.8	2.5	7.9	1.8	8.5	2.0	6.3	7.2	10.1	8.4

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

Locations

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

2022 — Genesee, ID; Colfax, WA

2023 — Craigmont and Genesee, ID; Moses Lake and Walla Walla, WA