

2020 PNW High Moisture Summary, Three-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2018-2020

Variety	3-Yr Combined (2018-2020)		2-Yr Combined (2019-2020)		Combined (2020)		Colfax, WA	Moses Lake, WA	Pomeroy, WA	Walla Walla, 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	Yield Bu/A	Yield Bu/A	Julien	Inches
Winter Wheat												
M-Press	143.8	60.8	141.7	61.1	155.4	62.3	148.0	182.9	118.1	172.7	149	35
LCS Artdeco	143.1	60.3	143.8	60.3	154.2	62.0	149.7	179.8	122.4	164.8	144	36
AP Iliad	140.1	60.2	137.4	60.9	148.5	61.9	136.1	172.7	120.8	164.4	146	37
Norwest Duet	139.0	60.8	139.1	60.7	148.4	61.4	143.8	164.6	122.0	163.2	151	45
SY Raptor	138.8	59.7	133.4	60.0	155.4	60.7	146.4	180.1	121.4	173.5	144	39
PNW Hailey	138.6	61.4	134.9	61.4	142.8	62.0	142.5	170.5	113.3	144.8	149	41
SY Assure	136.5	61.9	132.2	61.8	147.0	63.3	137.5	171.9	112.3	166.2	142	37
SY Command	135.1	58.8	131.4	59.1	148.6	59.5	146.5	177.3	123.2	147.6	150	39
M-ldas	135.1	60.3	128.6	60.3	126.5	61.5	144.1	187.6	*	160.6	141	36
SY Dayton	134.5	60.5	130.0	60.8	152.8	62.0	153.4	161.8	133.7	162.1	148	38
WestBred 528	133.8	61.3	130.9	61.6	140.7	63.1	139.1	171.6	117.2	134.8	147	40
WB 1604	133.4	61.4	130.5	61.4	145.4	63.1	133.7	174.1	108.8	165.0	145	37
WB 1529	132.5	62.5	129.0	62.7	143.4	64.4	133.1	168.6	118.6	153.1	147	37
SY Ovation	131.8	59.4	129.0	58.2	157.6	61.5	154.6	180.4	122.5	172.8	148	39
UI Castle CL+	130.4	61.3	131.0	61.4	140.5	62.1	132.8	166.0	114.5	148.6	151	41
UI Palouse CL+	126.7	59.7	124.2	60.0	127.3	61.1	131.7	165.7	*	145.9	151	38
LCS Sonic			138.3	60.9	150.0	62.3	147.5	164.0	112.8	175.6	150	41
Dyna-Gro Impact			130.9	61.1	148.2	62.2	144.5	173.5	123.2	151.8	149	38
AP Dynamic					153.6	61.3	148.6	165.0	133.9	166.9	150	40
Norwest Tandem					148.5	62.4	135.2	179.5	129.0	150.3	144	35
Resilience CL+					142.5	62.6	128.9	173.3	114.4	153.3	152	38
Mean General	135.8	60.6	133.8	60.7	149.5	61.9	145.4	175.9	116.5	160.3		
LSD General (5%) EE	8.2	1.2	NS	1.5	18.3	1.4	10.9	15.5	14.1	22.6		
CV (Effective)	8.65	2.96	10.21	2.81	5.34	1.37	3.7	4.3	5.9	6.9		

* Deer damage

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

Locations

2018 — Blackfoot, Genesee, Prairie, and Twin Falls, ID; Colfax, Moses Lake, Pomeroy, and Walla Walla, WA

2019 — Genesee and Prairie, ID; Cheney, Colfax, Moses Lake, Pomeroy, and Walla Walla, WA

2020 — Colfax, Moses Lake, Pomeroy, and Walla Walla, WA