

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)		Genesee, ID	Prairie, ID	Cheney, WA	Colfax, WA	Moses Lake (Irr.), 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	Yield Bu/A	Yield Bu/A	Yield Bu/A	Julian	Inches
Winter Wheat															
M-Press	143.5	60.9	141.7	61.1	149.6	62.0	148.7	140.0	136.5	148.0	182.9	118.1	172.7	149	35
LCS Artdeco	141.9	60.3	141.8	60.3	145.7	61.3	141.5	132.5	125.9	149.7	179.8	122.4	164.8	144	36
AP Iliad	140.3	60.3	138.2	60.9	145.5	61.6	149.6	140.7	132.2	136.1	172.7	120.8	164.4	146	37
Norwest Duet	139.3	60.8	139.5	60.7	145.3	61.1	147.7	140.2	132.2	143.8	164.6	122.0	163.2	151	45
SY Raptor	139.1	59.8	135.0	60.0	149.1	60.5	150.1	139.8	133.3	146.4	180.1	121.4	173.5	144	39
PNW Hailey	137.4	61.9	133.9	61.4	137.3	61.9	131.5	133.4	128.7	142.5	170.5	113.3	144.8	149	41
SY Assure	136.3	61.9	132.7	61.9	141.7	63.0	142.3	139.5	120.2	137.5	171.9	112.3	166.2	142	37
M-Idas	135.6	60.4	130.8	60.5	131.9	61.4	157.8	135.0	128.5	144.1	187.6	*	160.6	141	36
SY Dayton	135.3	60.6	132.2	60.9	147.4	61.8	149.3	138.7	133.8	153.4	161.8	133.7	162.1	148	38
SY Ovation	133.3	60.7	131.9	60.5	151.1	61.3	151.1	143.8	132.1	154.6	180.4	122.5	172.8	148	39
WB 1604	132.7	61.5	130.0	61.6	137.9	62.9	146.5	135.3	105.5	133.7	174.1	108.8	165.0	145	37
WestBred 528	132.4	61.4	129.3	61.7	133.3	62.7	138.3	125.3	107.0	139.1	171.6	117.2	134.8	147	40
WB 1529	131.9	62.6	128.8	62.8	136.8	63.9	149.1	134.0	106.5	133.1	168.6	118.6	153.1	147	37
UI Castle CL+	130.5	61.4	131.0	61.5	136.3	62.0	144.9	131.7	122.0	132.8	166.0	114.5	148.6	151	41
UI Palouse CL+	126.4	59.8	124.3	60.2	126.2	61.1	136.4	126.0	112.5	131.7	165.7	*	145.9	151	38
LCS Sonic			138.9	61.0	146.0	61.9	154.8	143.0	127.0	147.5	164.0	112.8	175.6	150	41
Dyna-Gro Impact			132.2	61.3	143.4	62.2	134.6	133.3	140.6	144.5	173.5	123.2	151.8	149	38
AP Dynamic					147.1	61.1	146.7	135.6	136.7	148.6	165.0	133.9	166.9	150	40
Norwest Tandem					142.9	61.7	134.5	134.5	136.6	135.2	179.5	129.0	150.3	144	35
Resilience CL+					137.0	62.2	137.9	128.8	128.1	128.9	173.3	114.4	153.3	152	38
Mean General	136.3	60.6	134.8	60.7	149.0	61.6	146.8	136.3	127.5	145.4	175.9	116.5	160.3		
LSD General (5%) EE	7.9	1.1	NS	1.4	15.0	1.1	14.6	9.7	19.9	10.9	15.5	14.1	22.6		
CV (Effective)	8.5	2.9	9.8	2.7	5.3	1.3	4.9	3.5	7.6	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 — Genesee, and Prairie, ID; Cheney, Colfax, Moses Lake, Pomeroy, -and Walla Walla, WA