

2019 WSU Variety Testing Hard Winter Irrigated Wheat Trial, Pasco

Variety Name	2018				2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Released Varieties</i>							
LCS Jet	161	62.8	11.3	36	136	144	--
LCS Rocket (NSA10-2196)	160	62.3	11.1	37	138	144	--
LCS Evina	155	63.4	12.1	41			--
SY Clearstone CL2	154	64.2	12.2	46			--
WB4303	152	63.8	11.9	36	131		--
AP Redeye (05PN044-20)	152	64.9	11.1	36			--
LCS Aymeric	152	60.2	10.4	32	128	135	--
Keldin	150	64.5	11.4	39	126	132	--
SY Touchstone	143	64.6	12.4	32	119	125	--
WB4623CLP	134	64.8	13.6	40			--
WB4311	127	64.8	12.3	34	117	122	--
<i>Experimental Lines</i>							
WA 8289	161	62.1	10.5	34	129		--
LGWF15-2213	160	62.5	11.3	35			--
LGWF15-2112	159	62.7	11.1	35			--
LWH16-10541	159	61.4	11.5	36			--
WA 8309	153	61.3	11.1	33			--
WA 8268	153	62.1	11.9	37	124	132	--
IDO1608	150	62.3	12.0	44			--
	C.V. %	4	0.8	3.0	5	4	
	LSD (0.05)	9	0.7	0.5	2	7	5
	Average	152	63.0	11.6	37	127	134
	Highest	161	64.9	13.6	46	138	144
	Lowest	127	60.2	10.4	32	117	122

Agronomic Information

Planting Date:	10/5/2018
Harvest Date:	7/19/2019
Seeding Rate (seeds/ft ²):	24
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	54
P (ppm-bicarb) 2-ft sample	24
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	7.8

Trial Notes:

Overall yield was 49% greater than 2018 and test weight were also greater.

Cooperator J Macbeth