

2017 WSU Variety Testing Clearfield Trial, Walla Walla

Variety Name	2017						2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
LCS Artdeco	160	62.9	11.0	36	138	0	155	130	123
Bobtail	152	62.4	11.3	39	145	17	139	119	111
Resilience CL+ (WA 8187)	152	64.2	11.7	40	143	0	136	114	
SY Ovation	147	64.1	11.2	39	141	88	136	120	121
ORCF-102	141	63.7	11.9	41	143	53	131	113	
WB1376CLP	139	65.4	12.3	41	142	2	124		
UI Magic CL+ / WB1376CLP	138	64.7	12.2	41	142	17			
UI Magic CL+	134	63.9	11.6	35	141	75	124		
Norwest Tandem (LOR-334)	129	63.5	11.5	35	141	68			
UI Palouse CL+	124	63.1	12.4	40	143	22	116		
ORCF-101	121	63.7	12.1	39	143	17			
UI Magic CL+ / UI Castle CL+	113	62.0	12.6	36	142	100			
ORCF-103	103	63.2	12.2	38	148	97			
UI Castle CL+	102	62.0	12.6	36	144	100	106		
Curiosity CL+	83	60.4	12.7	38	149	100	99	90	
Mela CL+	71	61.0	12.7	41	149	100	94	86	84
EXPERIMENTAL LINES									
WA 8275 CL+	151	63.2	11.8	39	144	13			
ORI2150033 CL+	142	64.2	11.6	40	144	8			
WA 8274 CL+	138	62.6	12.1	39	145	0			
ORI2150031 CL+	137	64.2	12.0	40	143	10			
KXB-01	121	63.1	11.7	39	144	100	124		
ORI2150061 CL+	116	64.9	12.6	40	142	2			
XA1401 CL+	108	64.3	13.7	39	142	67			
XA1101 CL+	104	62.9	13.9	39	141	98			
C.V. %	5	1	3	3	1	27	5	5	7
LSD (0.05)	9	0.6	0.5	2	1	18	5	4	5
Average	126	63.3	12.1	39	143	48	124	107	107
Highest	160	65.4	13.9	41	149	100	155	130	123
Lowest	71	60.4	11.0	35	138	0	94	86	84

Agronomic Information

Planting Date: 10/6/2016
 Harvest Date: 7/26/2017
 Seeding Rate (seeds/ft²): 21
 Previous Crop: Peas
 Spring soil test:
 N (lb/ac) 4-ft sample 253
 P (ppm-bicarb) 2-ft sample 78
 S (lb/ac) 2-ft sample 46
 pH (top 6 inches) 5.08
 Herbicide:
 PowerFlex, Huskie, Tilt, Quilt applied on 3/31; Second fungicide application in late-April; Third fungicide application in late-May

Trial Notes:

1. The Walla Walla nursery was located about 5 miles southeast of Walla Walla, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. The Clearfield trial is new this year and is a cooperation with Oregon State University and Northwest Grain Growers. This location contains a unique set of entries.
3. This location was planted with a no-till drill and 120#N was applied at planting.
3. Note that this trial was not sprayed with Beyond.
4. Long-term averages consist of results from this Clearfield trial and previous WSU Variety Testing SWW Walla Walla trials.
5. Stripe rust was controlled at this location but lodging was an issue.

Cooperator: HT Rea Farms