

WSU Bread Lab Plant Breeding Program
2016 Variety Testing Soft Winter Wheat Trial, Mount Vernon

Variety Name	Mkt Class	2016							2 Year	3 Year	5 Year
		Yield (Bu/a)	Test Wt. (Lbs/bu)	Protein (%)	Plant Ht (in)	Head Date	Lodging (%)	Stripe rust	Average (Bu/a)	Average (Bu/a)	Average (Bu/a)
RELEASED VARIETIES											
Bobtail	SWW	166.6	56.8	9.7	40	16-May	0	MR-MS	131	141	140
Jasper (WA 8169)	SWW	145.8	57.7	9.4	45	17-May	0	R	--	--	--
Rosalyn	SWW	141.9	53.0	9.3	39	16-May	0	MR	113	134	136
Skiles	SWW	136.3	58.1	10.6	37	10-May	0	R	108	121	123
LCS Artdeco	SWW	129.9	54.1	9.8	33	2-May	0	MR-MS	--	--	--
SY Ovation	SWW	129.5	56.9	8.9	39	18-May	0	R	105	112	--
WB 523	SWW	129.3	56.5	10.5	42	16-May	0	R	--	--	--
Cara	WC	128.7	56.1	10.3	41	17-May	0	R	118	121	125
WB 1604	SWW	119.2	58.1	10.7	43	10-May	10	R	96	--	--
ARS-Crescent	WC	116.9	53.8	10.6	45	18-May	0	R	88	105	101
WB 1376CLP	SWWI	109.1	58.0	10.5	47	15-May	0	R	--	--	--
Madsen	SWW	106.1	53.6	10.1	41	16-May	0	MR	87	99	98
Mary	SWW	105.4	51.8	10.0	41	16-May	0	MR-MS	--	--	--
Legion	SWW	101.2	55.7	9.4	44	16-May	80	MR	75	92	--
Puma	SWW	101.0	51.3	10.0	45	16-May	0	MR	87	99	88
Rod	SWW	96.7	50.5	10.0	38	21-May	0	MR	--	--	--
ARS-Selbu	SWW	96.0	56.1	11.3	44	21-May	90	R	85	98	--
WB 1529	SWW	94.9	57.3	9.9	40	15-May	50	R	89	--	--
AP700 CL	SWW	91.3	52.9	10.3	43	16-May	0	R	81	104	--
UI Magic CL+	SWWI	90.8	52.5	10.0	37	16-May	0	MR-MS	--	--	--
ORCF-102	SWWI	90.5	55.2	10.1	44	16-May	0	MS	--	--	--
Cashup	SWW	90.0	55.6	9.8	38	21-May	0	MR	--	--	--
SY 107	SWW	77.4	51.6	10.0	38	16-May	0	MR-MS	--	--	--
UI Palouse CL+	SWWI	74.4	53.1	10.2	37	16-May	0	MR	--	--	--
CuriosityCL+ (WA 8143)	SWWI	73.1	48.5	10.4	40	16-May	99	MR-MS	57	--	--
Xerpha	SWW	73.1	51.3	10.1	40	17-May	2	S	--	--	--
UI-WSU Huffman	SWW	68.8	49.1	9.6	41	16-May	0	MR	65	--	--
MelaCL+ (WA 8155)	SWWI	65.0	50.1	10.3	44	17-May	60	MR-MS	56	--	--
WB 528	SWW	59.8	52.3	10.7	43	16-May	60	MR-MS	--	--	--
Stephens	SWW	53.2	53.2	10.3	40	16-May	0	R	--	--	--
UI Castle CL+	SWWI	42.5	45.4	12.4	41	16-May	0	MR-MS	--	--	--
WB-Junction	SWW	38.9	45.3	10.7	39	10-May	10	S	--	--	--
EXPERIMENTAL LINES											
LOR-334	SWW	154.4	56.7	10.2	40	10-May	10	R	--	--	--
LWW14-73163	SWW	153.6	58.8	9.7	37	10-May	0	R	--	--	--
LOR-092	SWW	152.3	58.8	9.1	47	10-May	0	R	--	--	--
LOR-833	SWW	141.7	57.4	10.9	36	10-May	0	R	--	--	--
09PN062#18	SWW	135.8	57.2	9.8	39	14-May	0	R	--	--	--
LOR-913	SWW	132.7	56.3	10.4	36	10-May	0	R	--	--	--
WA 8233	SWW	131.1	55.6	9.9	42	16-May	0	MR	92	--	--
04PN096-2	SWW	127.1	58.5	10.3	35	10-May	0	R	--	--	--
WA 8187	SWWI	124.7	55.7	10.4	40	16-May	0	R	110	120	--
IDO1108DH	SWW	122.9	55.5	9.5	49	16-May	0	R	73	--	--
WA 8245	SWW	122.1	55.1	10.4	40	20-Feb	0	MR	--	--	--
MV1402	SWW	121.7	55.6	10.2	39	17-May	0	R	--	--	--

WA 8232	SWW	119.4	56.2	10.1	42	16-May	90	R	105	--	--
OR2110526	SWW	119.2	57.5	10.9	39	3-May	10	MR	--	--	--
MV1401	SWW	117.4	58.5	10.8	36	21-May	0	MR	--	--	--
IDN 07-28017B	SWW	112.1	55.2	11.0	38	14-May	0	MR-MS	--	--	--
WA 8235	SWWI	111.3	53.8	10.9	41	17-Feb	0	MR-MS	103	--	--
ARS20060123-31C	WC	110.6	54.6	11.0	46	17-May	0	R	94	--	--
MV1405	SWW	108.5	56.0	9.9	38	21-May	0	MR	--	--	--
ARS06136-49C	WC	108.0	53.8	11.2	43	21-May	99	MR	--	--	--
WA 8206	SWW	107.0	54.8	10.2	42	16-May	0	R	76	90	--
IDN 01-10704A	SWW	104.7	55.1	9.3	43	16-May	0	R	87	104	--
KXB-01	SWWI	97.0	53.0	10.2	40	16-May	20	MS	--	--	--
WA 8234	SWW	81.9	50.9	9.8	41	21-May	0	MR	66	--	--
IDN 06-03303B	SWW	78.5	50.1	10.1	42	16-May	0	MR	--	--	--
Xerpha-G2	SWW	75.8	48.5	10.6	38	18-May	0	S	--	--	--
IDN 06-18102A	SWW	71.3	48.9	10.1	40	16-May	0	MR	65	--	--
Xerpha-0W	SWW	62.7	48.4	10.6	38	18-May	0	S	--	--	--
C.V. %		106.5	3.9								
LSD (0.05)		25.7	3.4								
Average		106.5	54.1								
Max.		166.6	58.9								
Min.		38.9	45.3								

All yield and test weight values within 5% LSD range of the highest value are shown in bold.

Agronomic Information:

Planting Date: 10/14/2015, double disc drill, 6" spacing.

Harvest Date: 8/5/2016

Seeding Rate: (lbs/acre): 100

Fertilizer:

No fall application.

4/8/2016, based on soil tests applied NPKS totaling 93 lbs N/acre.

Herbicide:

10/19/2015: Diuron

3/29/2016: Maestro 2EC, Harmony Extra SG

No fungicides were applied.

Heading date is when 50% of the heads are 50% emerged.

SWW = Soft White Winter, WC = Winter Club, SWWI = Soft White Winter Clearfield

R = resistant, MR = moderately resistant, MS = moderately susceptible, S = susceptible

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