

**WSU Bread Lab Plant Breeding Program
2017 Organic Spring Wheat Trial, Mount Vernon**

Variety Name	Mkt Class	Yield (Bu/a)	Test Wt. (Lbs/bu)	Protein (%)	Plant Ht (in)	Head Date	Lodging (%)	Stripe Rust
RELEASED VARIETIES								
JD	SC	110.6	62.4	11.8	34	17-Jun	0	R
Edison	HWS	108.7	60.8	11.0	35	19-Jun	0	R
Quarna	HRS	105.2	60.6	14.8	38	21-Jun	0	S
Luja	HRS	104.8	61.1	12.3	37	21-Jun	0	MR
Dayn	HWS	102.0	60.1	13.2	28	17-Jun	0	R
Seahawk	SWS	93.7	61.5	10.1	31	19-Jun	0	R
Patwin 515	HWS	91.9	60.0	13.7	21	19-Jun	0	R
Espresso	HRS	83.5	60.9	14.8	28	19-Jun	0	R
Yecora Rojo	HRS	65.4	58.6	13.4	21	15-Jun	0	S
Klasic	HWS	46.7	56.3	11.7	21	15-Jun	0	S
EXPERIMENTAL LINES								
ML455-17-E	HRS	120.4	60.7	12.3	40	21-Jun	0	R
MLSE17-24-433L	HRS	108.4	61.3	11.2	37	21-Jun	0	R
AHR-15	HRS	104.7	49.7	10.8	40	19-Jun	80	S
HRS3419	HRS	103.2	60.7	11.8	30	21-Jun	0	R
ML118-6R2	HRS	102.8	60.9	11.4	28	19-Jun	0	R
Nardo x Indigo	HRS	102.3	55.8	10.0	32	19-Jun	0	MR
AHR-2	HRS	101.9	50.4	10.5	37	19-Jun	0	MS
ML120005	HWS	98.1	60.7	10.5	33	20-Jun	0	R
Dacke x Indigo	HRS	84.8	58.2	10.4	37	19-Jun	0	MS
AHR-22	HRS	60.9	58.8	12.7	29	20-Jun	0	S
C.V.%		11.3	2.2	4.5				
LSD(0.05)		17.6	2.1	0.9				
Average		95.0	59.0	11.9				
Max.		120.4	62.4	14.8				
Min.		46.7	49.8	10.0				

Agronomic Information

Planting Date: 4/19/2017
Harvest Date: 9/15/2017
Seeding Rate (seeds/ft²): 32
Previous Crop: 3 yrs organic alfalfa

03/23/2017 Soil Test (1-ft sample):

N (lb/ac) 74
P (ppm) 64
S (ppm) 6
pH 7.0
Organic Matter (%) 3.0

Trial Notes:

1. The Mount Vernon nursery was located on the WSU-Mount Vernon NWREC Certified Organic research field.
2. Date and fertilizer applied: 04/19/2016 66# N, 17# P, 34# K (Nutri-rich Organic 8-2-4).
3. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.

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

HRS = Hard Red Spring, SWS = Soft White spring, SC = Spring Club

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

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Commercial products or trade names do not imply an endorsement by Washington State University.

For additional variety testing results visit:

<http://thebreadlab.wsu.edu/western-washington-variety-trials/>.