

Variety	Mkt class	5 yr ave	3 yr ave	2 yr ave	Yield	Twt	Protein	Heading date	Plant ht (in)
12-SW-079	SWS				<b>64.9</b>	58.4	8.5	7-Jun	29
WA 8189	SWS		100.9	78.2	<b>64.4</b>	<b>61.5</b>	8.7	7-Jun	30
WA 8238	SWSI				<b>64.3</b>	<b>62.0</b>	9.5	5-Jun	35
Louise	SWS	66.9	64.5	54.8	<b>63.3</b>	<b>60.6</b>	8.4	7-Jun	34
Seahawk	SWS		98.0	78.2	<b>63.0</b>	<b>59.8</b>	9.1	9-Jun	29
WA 8239	SWS				<b>59.4</b>	<b>59.8</b>	9.2	7-Jun	30
Louise-G2	SWS	64.0	56.5	50.8	<b>59.4</b>	<b>60.3</b>	8.7	7-Jun	32
WB6121	SWS				<b>57.9</b>	<b>61.5</b>	10.1	5-Jun	26
WA 8237	SCI				<b>57.5</b>	<b>59.8</b>	9.3	8-Jun	29
12-SW-068	SWS				<b>53.5</b>	57.7	9.4	7-Jun	23
Whit	SWS	63.6	66.8	64.8	<b>53.5</b>	<b>60.3</b>	8.8	5-Jun	30
JD	SC	87.5	81.0	61.3	<b>52.9</b>	<b>60.1</b>	8.9	7-Jun	30
12-SW-052	SWS				<b>51.8</b>	58.0	8.7	7-Jun	29
WA 8193	SC		87.3	62.6	<b>49.0</b>	57.8	9.1	8-Jun	25
ML 455-17B-E-4	SWS				<b>48.6</b>	<b>60.1</b>	10.4	18-Jun	27
Louise-0W	SWS		54.0	49.7	<b>47.9</b>	<b>60.1</b>	8.9	6-Jun	31
WA 8236	SCI				46.5	58.5	9.3	5-Jun	27
Merrill II	SWS			50.9	46.3	59.5	9.3	9-Jun	27
WA 8214	SWS			56.7	40.2	57.1	9.1	5-Jun	26
M12001	SWS				35.8	59.0	9.9	6-Jun	26
average		70.5	76.1	60.8	54.0	59.6	9.2		
CV					20.0	2.4			
LSD@.1					17.8	2.4			
Max		87.5	100.9	78.2	64.9		10.4		
Min.		63.6	54.0	49.7	35.8		8.4		

- All values within the 10% LSD range of the highest are shown in bold.
- The Hard Spring Wheat Nursery was seeded on 08 April 2015.
- Seed was placed at 100#/ac seeding rate with a double disc drill set on 6-inch spacing.
- 72.0 lbs/a N, 10.6 P, 24.0 K, and 15.0 S were applied post-emergence based on soil tests.
- No fungicides were applied for stripe rust control or insecticides for cereal leaf beetle control.
- Harvest was on 11 August 2015; average yield was 54.0 bu/a, 21.7 bu/a less than last year.
- Test Weight averaged 59.6 lbs/bu, much greater than last year's 54.7 lbs/bu.
- Grain protein averaged 9.2 %, less than last year's 11.4% protein value.
- SWS= Soft white spring; SWSI= soft white spring Clearfield; SC= Spring club; SWSI = soft white spring Clearfield
- Heading date is when 50 % of the heads are 50 % emerged.

#### Discussion:

This nursery experienced excessive heat during tillering causing most varieties to produce only one to three tillers, greatly reducing grain yield.

For additional information contact Steve Lyon (slyon@wsu.edu).

For additional variety testing results visit: <http://thebreadlab.wsu.edu/western-washington-variety-trials/>

The information in this document is provided for educational purposes only.