

## 2023 WSU Variety Testing Soft White Spring Wheat Trial, Mayview

Variety Name <i>Club Italicized</i>	2023					2 Year	3 Year	4 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<b>Released Varieties</b>								
<b>TMC Lochaven</b>	<b>42</b>	59.6	9.5	23	162	<b>45</b>	<b>39</b>	
<i>Melba</i>	<b>41</b>	58.3	8.5	23	167	<b>47</b>	<b>40</b>	<b>44</b>
<b>Butch CL+ (WA8354 CL+)</b>	<b>40</b>	58.2	9.3	23	162	44	<b>36</b>	
<b>Ryan (Large Seed)<sup>†</sup></b>	<b>39</b>	58.6	9.2	24	161			
<i>Roger</i>	38	<b>60.0</b>	8.8	23	163	<b>46</b>	<b>38</b>	<b>41</b>
<i>Hedge CL+</i>	35	59.6	8.8	22	166	40	<b>36</b>	<b>41</b>
<b>Seahawk</b>	35	58.4	9.2	22	167	43	<b>38</b>	<b>43</b>
<b>Ryan (Small Seed)</b>	34	58.1	9.2	25	162			
<b>Ryan</b>	34	58.7	8.8	23	161	44	<b>39</b>	<b>43</b>
<b>Louise</b>	34	59.1	8.8	27	167	37	33	37
<b>WB6211CLP</b>	33	58.3	9.1	23	161	37	33	
<b>UI Cookie</b>	30	58.2	9.9	24	162	41	<b>37</b>	
<b>Tekoa</b>	25	58.6	8.1	26	166	35	32	37
<b>AP Mondovi CL2</b>	19	58.0	10.4	28	163	31	29	33
<b>Experimental Lines</b>								
<b>WA8351</b>	<b>43</b>	59.5	8.4	23	162	<b>49</b>		
<b>WA8327</b>	<b>39</b>	58.4	8.6	24	163	<b>45</b>		
<b>WA8384</b>	38	59.3	8.8	25	162			
<b>WA8409</b>	37	57.3	8.3	24	162			
<b>WA8383</b>	36	59.2	8.9	26	163			
<b>WA8410</b>	36	59.7	9.4	23	161			
<b>WA8380 CL+</b>	36	58.6	8.1	28	169			
<b>WA8379 CL+</b>	35	59.3	8.7	23	163			
<b>WA8408</b>	35	59.2	8.7	23	164			
<b>IDO1902S</b>	32	<b>60.7</b>	9.5	25	162	42		
<b>C.V.</b>	9	0.8	4.0	4	0	10	13	11
<b>LSD</b>	4	0.7	0.5	1	1	4	4	3
<b>Average</b>	35	58.9	9.0	24	163	42	36	40
<b>Highest</b>	43	60.7	10.4	28	169	49	40	44
<b>Lowest</b>	19	57.3	8.1	22	161	31	29	33

<sup>†</sup>Ryan Seed Sizes: Large=9,400 seed/lb; Medium=13,150 seed/lb), Small=16,200 seed/lb

### Agronomic Information

Planting Date:	4/19/2023
Harvest Date:	8/29/2023
Seeding Rate (seeds/ac):	870,000
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	67
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	162
S (lb/ac) 2-ft sample	21
pH (top 6 inches)	5.0

### Trial Notes:

1. The nursery was located approximately 12.5 miles northeast of Pomeroy, WA.
2. The nursery was fertilized at seeding at a rate of 81N, 40P, 19K, 20S, and 15Cl. An additional 56N was applied on May 4, 2023.
3. Yield was 29% lower and test weight was 2.1 lb/bu less compared to 2022.

**Cooperator:** Randy & Wyatt Koller

**Herbicides:** Axial (15oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 23, 2023.