

2023 WSU Variety Testing Winter Barley Trial, Mayview

Variety Name <i>Malt Italicized</i>	2023						2 Year	3 Year	4 Year
	Yield (Lbs/A)	Test WT (Lbs/Bu)	Protein (%)	Plump (%)	Plant HT (In)	Head Date	Average (Lbs/A)	Average (Lbs/A)	Average (Lbs/A)
Released Varieties									
<i>Thunder</i>	3220	52.7	12.8	98	21	--	--	--	--
<i>Wintmalt</i>	2640	51.5	14.1	97	25	--	--	--	--
Experimental Lines									
<i>DH161619</i>	3050	54.3	14.1	97	23	--	--	--	--
<i>DH170826</i>	2940	52.8	14.9	98	23	--	--	--	--
<i>DH162310</i>	2860	53.0	15.6	99	23	--	--	--	--
<i>DH141364</i>	2660	52.6	14.8	97	21	--	--	--	--
C.V.	7	0.9	3.5	1	6	--	--	--	--
LSD	300	0.7	0.7	NS	2	--	--	--	--
Average	2900	52.8	14.4	98	23	--	--	--	--
Highest	3220	54.3	15.6	99	25	--	--	--	--
Lowest	2640	51.5	12.8	97	21	--	--	--	--

Agronomic Information

Planting Date:	9/28/2022
Harvest Date:	8/11/2023
Seeding Rate (seeds/ac):	800,000
Previous Crop:	Fallow
Fall soil test:	
N (lb/ac) 4-ft sample	185
P ₂ O ₅ (lb/ac) 1-ft sample	225
S (lb/ac) 2-ft sample	36
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 16N, 40P, 10K, 10S. No additional fertilizer was applied after fall soil sampling.
3. 2023 first year for winter barley trials.

Cooperator: Randy and Wyatt Koller

Herbicides: Axial (16oz), Huskie (15oz), and Miravis Ace (7oz) was applied on April 28, 2023.