

2023 WSU Variety Testing Winter Barley Trial, Farmington

Variety Name (Malt Italicized)	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>	5040	52.6	11.3	99	22	--	--	--	--
<i>Wintmalt</i>	4310	51.4	11.8	98	24	--	--	--	--
Experimental Lines									
<i>DH161619</i>	4600	53.8	13.1	98	23	--	--	--	--
<i>DH170826</i>	4290	52.2	12.6	98	23	--	--	--	--
<i>DH162310</i>	4290	52.9	13.6	99	24	--	--	--	--
<i>DH141364</i>	4240	52.4	13.3	98	23	--	--	--	--
C.V.	7	0.9	4.0	1	4	--	--	--	--
LSD	460	0.7	0.8	NS	1	--	--	--	--
Average	4460	52.6	12.6	98	23	--	--	--	--
Highest	5040	53.8	13.6	99	24	--	--	--	--
Lowest	4240	51.4	11.3	98	22	--	--	--	--

Agronomic Information

Planting Date:	10/4/2022
Harvest Date:	8/10/2023
Seeding Rate (seeds/ac):	800,000
Previous Crop:	Lentils
Fall soil test:	
N (lb/ac) 4-ft sample	81
P ₂ O ₅ (lb/ac) 1-ft sample	150
S (lb/ac) 2-ft sample	24
pH (top 6 inches)	5.0

Herbicides: Axial (16oz), Huskie (15oz), and Miravis Ace (7oz) was applied on May 2, 2023.

Trial Notes:

1. The nursery was located approximately 3.5 miles south of Farmington, WA.
2. The nursery was fertilized at seeding at a rate of 7N, 18P, 8K, 4S, 6Cl. An additional 88N was applied on Nov 3, 2022.
3. 2023 first year for winter barley trials.

Cooperator: Andrew Nelson