

2023 WSU Variety Testing Winter Barley Trial, Colton

Variety Name (Malt <i>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>	4320	51.0	11.4	98	25	--	--	--	--
<i>Wintmalt</i>	2870	50.2	12.9	98	26	--	--	--	--
Experimental Lines									
<i>DH161619</i>	3970	51.8	12.3	97	27	--	--	--	--
<i>DH162310</i>	3690	50.9	14.0	99	28	--	--	--	--
<i>DH141364</i>	3510	51.2	13.4	98	24	--	--	--	--
<i>DH170826</i>	3300	50.4	13.4	99	24	--	--	--	--
C.V.	13	1.0	3.0	1	6	--	--	--	--
LSD	720	0.7	0.6	1	2	--	--	--	--
Average	3610	50.9	12.9	98	26	--	--	--	--
Highest	4320	51.8	14.0	99	28	--	--	--	--
Lowest	2870	50.2	11.4	97	24	--	--	--	--

Agronomic Information

Planting Date:	9/28/2022
Harvest Date:	8/6/2023
Seeding Rate (seeds/ac):	800,000
Previous Crop:	Garbonzo Beans
Fall soil test:	
N (lb/ac) 4-ft sample	98
P ₂ O ₅ (lb/ac) 1-ft sample	267
S (lb/ac) 2-ft sample	30
pH (top 6 inches)	4.9

Trial Notes:

1. The nursery was located approximately 0.5 mile southeast of Colton, WA.
2. The nursery was fertilized at a rate of 16N, 40P, 10K, 10S at seeding. An additional 88N was applied on Nov 3, 2022.
3. 2023 first year for winter barley trials.

Cooperator: Art Schultheis

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