

2006 WSU EXTENSION HARD WINTER WHEAT NURSERY AT HORSE HEAVEN, WA.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
IDO621	--	--		54.0	60.9	11.6	0	21.5	138.4
WA007975	--	--	44.1	52.1	59.7	12.4	0	25.8	142.9
BOUNDARY	--	--	46.2	51.3	60.0	11.9	0	21.3	140.3
WA007976	--	--	47.9	51.2	60.0	11.5	0	21.3	141.4
WA008003	--	--		50.0	61.0	11.9	0	25.3	140.3
ORN00B507	--	--		47.9	60.1	11.9	0	18.3	139.5
BUCHANAN	--	--	45.6	47.4	60.9	12.1	0	24.8	141.0
ELTAN*2/MACON	--	--		47.4	61.7	12.2	0	27.8	136.5
JUNIPER	--	--		46.9	61.8	12.5	0	28.5	138.4
WA007977	--	--	46.6	46.8	57.9	12.0	0	21.8	145.1
WA008001	--	--		46.6	58.0	11.8	0	21.5	141.0
WANSER	--	--	42.4	46.1	61.5	12.8	0	25.8	138.0
WA008002	--	--		45.4	61.0	13.0	0	23.5	140.6
HATTON	--	--	37.1	45.2	62.9	12.4	0	24.8	138.8
EDDY	--	--	43.4	44.7	60.5	12.7	0	21.3	138.8
ACS 51084	--	--		44.6	60.6	11.9	0	21.0	138.0
IDO641	--	--		44.4	61.1	12.0	0	23.0	137.6
ELTAN	--	--	41.5	43.6	59.6	12.9	0	25.0	143.6
ORN98-0995	--	--		43.5	57.7	12.4	0	20.5	142.5
W98-344	--	--	42.1	43.5	61.3	12.9	0	23.5	137.3
UI DARWIN	--	--		43.5	61.7	12.8	0	25.3	136.9
AGRIPRO PALADIN	--	--	42.1	42.7	61.7	12.7	0	21.8	138.8
DW	--	--	41.7	42.6	61.3	13.0	0	21.8	138.4
ORN00B553	--	--		42.3	61.6	12.9	0	20.8	141.0
W96-359W	--	--		42.2	60.4	13.7	0	21.8	138.4
FINLEY	--	--		41.3	62.3	13.5	0	24.3	138.8
WESTON	--	--	39.6	41.1	62.3	13.8	0	25.8	138.0
WA008004	--	--		41.1	60.9	13.4	0	26.5	139.5
BAUERMEISTER	--	--	40.0	39.3	59.1	13.1	0	25.5	142.1
MDM	--	--	39.9	36.2	59.0	13.4	0	25.3	143.3
C.V. %	--	--	7.8	8.1	0.8	4.1	--	--	--
LSD '@. 10'	--	--	2.8	4.3	0.6	0.6	--	--	--
Average	--	--	42.7	45.1	60.6	12.6	0	23.5	139.8
Highest	--	--	47.9	54.0	62.9	13.8	0	28.5	145.1
Lowest	--	--	37.1	36.2	57.7	11.5	0	18.3	136.5

HORSE HEAVEN HARD WINTER WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Soft Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Horse Heaven location averaged 45.1 bu/ac and was comparable to the 2-year average of 42.7 bu/ac. *NOTE: The Horse Heaven nursery was located near the Sellards/Davis Rd intersection (D. Roseberry farm).*
2. This nursery was **seeded late** on 18 October 2005 on summer fallow ground using a plot drill with hoe openers. The late 2005 seeding was a result of dry August/September 2005 soil moisture levels where sub-surface moisture was well below the depth of seeding for even deep furrow (split packer drills). Precipitation during the first week of October 2005 provided enough surface moisture that hoe drills were able to seed into moisture at a 3-inch depth on October 18th. This nursery had even emergence and withstood the mid-February 2006 cold snap with little problem. .
3. **Stripe rust** was not a factor in the 2006 nursery even though susceptible varieties such as Hatton had a trace of stripe rust on a June 1, 2006 field evaluation.
4. **Percent grain protein** had a range of 11.5%-13.8% with an average Test Weight value of 60.6 bu/ac.