

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT CRESTON, 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
MJ-9	107.5	108.3	117.6	121.3	58.1	10.4	0.0	37.5	156.5
GEORGE		108.0	116.1	120.8	58.9	9.4	0.0	40.3	160.3
ARSC96059-2				120.2	60.4	10.2	0.0	42.5	156.1
WA007973			116.9	119.1	58.5	10.3	0.0	36.0	158.0
CODA	102.3	105.8	106.0	118.9	61.2	10.2	0.0	41.3	158.8
WB 528		98.6	108.0	118.5	60.6	11.2	0.0	36.5	150.1
LAMBERT	101.8	99.0	110.4	118.4	59.5	10.5	0.0	40.0	154.3
CHUKAR	109.7	111.4	119.4	117.9	57.7	9.7	0.0	39.0	159.1
ORCF-102			110.6	116.7	59.8	10.2	0.0	40.8	154.6
FINCH	105.9	108.6	115.6	116.6	60.2	9.9	0.0	39.3	160.3
TUBBS 06				116.6	58.7	10.4	0.0	38.8	155.8
ELTAN	102.7	99.7	105.5	116.3	59.4	10.2	40.0	38.0	160.6
WA007935		101.9	114.5	116.1	59.0	10.3	0.0	38.8	160.6
BU6W00-523				115.1	60.4	10.5	0.0	36.8	151.3
ARS97135-9		106.4	116.3	115.0	57.6	10.7	0.0	37.0	158.8
ROD	105.2	106.4	110.3	114.8	57.9	10.1	0.0	36.0	157.6
ARS00235		103.2	110.0	114.7	60.2	10.4	0.0	42.0	158.8
WA007971			116.8	114.5	56.8	9.9	0.0	34.8	159.5
HUBBARD	98.3	100.1	100.2	114.4	60.0	10.3	0.0	44.5	156.5
MADSEN/ROD				114.3	58.5	10.7	0.0	37.0	158.0
BRUNDAGE 96	105.3	105.7	113.1	113.7	58.6	10.7	0.0	35.5	155.0
TUBBS	110.7	113.2	116.7	113.6	58.7	9.5	0.0	38.3	154.3
ARSC96059-1			114.6	113.3	61.2	11.5	0.0	42.0	157.3
MJ-4	105.0	106.4	118.5	111.9	58.1	9.9	0.0	37.5	159.9
WA008000				111.8	59.6	11.0	0.0	39.3	158.4
BU6W99-456				111.7	60.9	11.9	0.0	35.0	149.0
MOHLER	103.2	101.5	111.8	111.1	59.3	10.8	0.0	37.8	153.1
SIMON	96.5	99.2	114.9	110.9	59.0	9.9	0.0	39.3	156.5
WA007970			111.8	110.7	60.1	10.8	0.0	39.3	160.3
WA007934		104.9	114.5	110.6	58.6	10.3	0.0	37.8	159.9
BRUEHL	106.0	103.7	106.5	109.7	57.7	10.6	0.0	39.0	160.3
HILL 81	98.7	98.5	102.5	109.7	59.7	10.4	0.0	40.5	156.9
RJAMES		96.0	111.4	109.6	57.3	9.5	0.0	33.3	157.6
CASHUP	101.3	102.2	107.8	108.5	59.5	10.3	0.0	35.3	156.5
BZ6WM02-1020				107.3	59.4	10.6	0.0	36.8	159.1
MASAMI	107.5	108.0	114.4	106.1	57.6	9.7	0.0	37.0	160.3
RELY	99.8	96.9	97.8	105.3	59.0	9.9	0.0	40.8	158.0
HILLER	101.6	102.6	105.4	105.0	56.9	10.6	0.0	37.8	157.6
ORSS-1757			106.0	104.4	59.0	10.3	0.0	37.0	152.0
ARS00258				103.9	59.5	10.5	0.0	36.0	157.6
ID990419				103.9	59.5	10.5	0.0	36.8	159.1
9222407A				102.1	59.7	10.7	0.0	40.0	158.8
CONCEPT		100.9	105.8	102.1	59.0	9.8	0.0	33.0	155.8
ORCF-101		96.6	104.0	101.5	59.1	11.3	0.0	36.8	152.0
LEWJAIN	98.0	97.7	104.0	101.4	59.3	10.3	0.0	34.3	161.0
ID990435				100.9	58.3	10.5	0.0	39.0	152.0
MADSEN	98.0	99.0	104.2	100.4	58.7	10.9	0.0	37.5	158.0
ARS99123				99.6	59.4	9.9	0.0	36.8	154.6
STEPHENS	97.1	94.2	96.3	96.6	58.9	11.3	0.0	34.0	152.0
BZ6WM02-1154				93.9	60.6	11.3	0.0	35.0	149.0
EDWIN	92.8	90.0	84.7	91.0	60.6	10.1	0.0	41.5	156.5
IDAHO 587		91.3	94.7	90.9	58.7	11.3	0.0	33.5	151.3
WA007999				90.6	57.9	11.7	0.0	29.0	156.5
ORH010920				83.8	57.6	12.2	0.0	30.5	149.8
C.V. %	8.2	8.5	8.9	9.2	0.9	7.5	--	--	--
LSD '@ .10'	4.4	5.9	8.0	11.8	0.6	0.9	--	--	--
Average	102.4	102.0	109.1	109.0	59.1	10.5	0.7	37.6	156.5
Highest	110.7	113.2	119.4	121.3	61.2	12.2	40.0	44.5	161.0
Lowest	92.8	90.0	84.7	83.8	56.8	9.4	0.0	29.0	149.0

CRESTON SOFT WHITE WINTER WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Soft White Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Creston, WA location averaged 109.0 bu/ac that was 6.8% higher than the 3-year historical average (102.0 bu/ac). *NOTE: The Creston nursery was located in Lincoln County approximately 12 miles northeast of Wilbur, WA on Fraser Rd.*
2. This nursery was **seeded fairly early** on 6 September 2005 on re-crop ground following spring wheat into soil moisture that was about 2-inches below the surface. I think it is worth noting that the Creston winter wheat nursery is normally planted on fallow ground making the 2006 winter wheat yields especially noteworthy since they were pulled off recrop ground. A field evaluation about 2-weeks after planting (21 Sept 2005) showed good emergence and a very even and uniform stand going into the winter.
3. This nursery appeared to handle to 17-19 Feb 2006 cold snap with little to no winter injury on any variety/experimental lines and also withstood the dry/heat stress periods from mid-April to mid-May. The only notable exception was ORH01920 that showed considerable winter injury during a March 2006 observation and was also the lowest yield line in the nursery.
4. **Average yield rankings** bounced around a little more when comparing with 3-yr and 5-yr averages than in other nurseries and average yields were very closely grouped. In fact, the top 33 varieties/experimental lines out of the 54 total in the nursery were statistically equal (within 11.8 bushels of each other).
5. Average **Test Weight** value was 59.1 lbs/bu and **Percent grain protein** average was 10.5%.