

2003 WSU HARD WINTER WHEAT VARIETY TRIAL SUMMARY

VARIETY NAME	YIELD (BU/A)					VARIETY MEAN
	HORSE HEAVEN	LIND	BICKLETON	ST. ANDREWS	PULLMAN	
Hard White Common						
GARY	33.8	38.8	56.9	62.5	125.6	63.5
GOLDEN SPIKE	34.9	36.1	65.1	63.1	129.6	65.7
NUFRONTIER	28.5	31.5	66.9	67.8	121.4	63.2
NUHORIZON	28.9	26.8	70.5	63.6	110.5	60.0
W96-054W	15.8	22.7	55.3	59.9	98.8	50.5
W96-359W	28.7	29.4	61.1	66.3	93.1	55.7
WA7936	34.9	42.0	57.6	71.2	123.1	65.8
WA7937	36.1	41.0	54.7	60.0	129.1	64.2
Hard Red Common						
BOUNDARY	23.7	31.8	60.5	73.8	111.9	60.3
BUCHANAN	36.3	43.5	49.2	55.4	125.0	61.9
COLUMBIA - 1	30.1	19.8	64.6	65.0	103.2	56.5
DW	30.2	34.9	66.3	70.2	119.4	64.2
ESTICA	35.5	45.5	66.2	68.5	128.3	68.8
FINLEY	32.2	37.5	55.0	57.9	108.4	58.2
ID571	30.8	35.5	66.4	62.3	116.3	62.2
ID575	33.1	36.2	53.5	65.8	110.9	59.9
MORELAND	25.9	28.6	70.2	74.8	114.1	62.7
Q. HYB 542	36.6	28.4	64.9	66.7	120.9	63.5
RESIDENCE	39.1	36.0	66.5	54.2	136.0	66.3
SEMPER	37.7	38.0	68.7	51.9	135.6	66.4
SYMPHONY	34.5	24.3	68.8	60.9	119.0	61.5
W96-355	30.2	30.7	57.5	52.3	100.7	54.3
WA7938	29.5	38.7	60.0	65.9	117.9	62.4
WA7939	34.1	41.7	54.6	63.4	120.7	62.9
WA7940	35.9	40.0	62.4	66.3	139.3	68.8
WANSER	29.2	31.4	56.5	56.1	101.2	54.9
WESTON	33.3	29.9	56.7	55.7	118.6	58.8
Soft White Common						
ELTAN	36.3	40.8	61.9	63.6	125.5	65.6
NURSERY MEAN	32.0	34.3	61.4	63.0	118.0	61.7
CV %	10.7	14.2	6.7	11.1	7.1	9.5
LSD @ .10	4.0	5.7	4.8	8.3	9.9	3.1

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VARIETY NAME	TEST WEIGHT (LBS/BU)					VARIETY MEAN
	HORSE HEAVEN	LIND	BICKLETON	ST. ANDREWS	PULLMAN	
Hard White Common						
GARY	60.6	61.1	59.7	59.6	61.1	60.4
GOLDEN SPIKE	60.1	61.2	58.0	59.6	61.1	60.0
NUFRONTIER	62.9	62.7	63.1	62.3	62.2	62.6
NUHORIZON	62.6	61.8	63.3	62.9	63.1	62.8
W96-054W	62.9	60.8	63.2	62.8	63.2	62.5
W96-359W	61.2	60.8	61.9	61.5	61.7	61.5
WA7936	60.3	61.1	59.3	59.4	61.1	60.3
WA7937	60.0	61.3	59.6	60.1	60.8	60.4
Hard Red Common						
BOUNDARY	58.3	59.4	60.1	60.2	60.9	60.0
BUCHANAN	59.3	61.3	57.7	59.8	60.5	59.8
COLUMBIA - 1	61.5	60.2	62.0	60.8	61.5	61.1
DW	61.7	61.9	60.3	61.1	61.4	61.2
ESTICA	54.2	56.0	54.9	54.9	56.1	55.4
FINLEY	61.1	61.8	60.8	62.0	63.2	61.9
ID571	62.6	62.6	60.0	61.3	61.9	61.5
ID575	60.5	61.0	60.3	61.1	61.7	61.0
MORELAND	60.4	60.1	60.8	60.4	61.4	60.7
Q. HYB 542	61.5	60.7	60.9	61.3	62.3	61.3
RESIDENCE	56.5	57.5	57.6	56.7	59.2	57.7
SEMPER	55.2	57.8	57.4	56.3	58.0	57.3
SYMPHONY	58.7	57.9	59.9	59.5	60.3	59.4
W96-355	61.6	61.1	61.3	60.2	62.4	61.3
WA7938	59.2	60.3	58.2	58.5	60.7	59.4
WA7939	59.5	60.6	59.3	59.4	61.2	60.1
WA7940	59.8	61.2	60.0	59.3	61.5	60.4
WANSER	62.2	61.5	62.1	61.6	62.0	61.8
WESTON	61.5	61.4	60.4	62.1	63.0	61.7
Soft White Common						
ELTAN	58.7	60.3	58.6	58.0	60.4	59.3
NURSERY MEAN	60.2	60.6	60.0	60.1	61.2	60.5
CV %	*	1.0	0.9	1.4	0.4	1.0
LSD @ .10	*	0.7	0.6	1.0	0.3	0.3

2003 WSU HARD WINTER WHEAT VARIETY TRIAL SUMMARY

VARIETY NAME	PROTEIN (%)					VARIETY MEAN
	HORSE HEAVEN	LIND	BICKLETON	ST. ANDREWS	PULLMAN	
Hard White Common						
GARY	11.0	12.2	6.7	8.6	9.1	9.3
GOLDEN SPIKE	11.2	12.9	7.0	8.8	8.9	9.5
NUFRONTIER	11.5	13.4	6.9	8.3	8.9	9.5
NUHORIZON	11.1	14.2	7.0	7.7	9.4	9.7
W96-054W	13.6	15.3	7.4	9.9	10.4	10.9
W96-359W	13.0	14.3	8.4	9.9	13.2	11.6
WA7936	10.1	12.5	6.2	7.7	9.3	9.0
WA7937	10.9	12.4	6.4	8.8	9.6	9.4
Hard Red Common						
BOUNDARY	12.3	13.9	6.6	9.0	10.0	10.0
BUCHANAN	11.1	13.1	7.6	9.0	8.9	9.7
COLUMBIA - 1	12.5	16.0	8.4	10.0	10.4	11.3
DW	12.3	13.3	7.4	9.1	10.4	10.2
ESTICA	12.4	13.0	7.9	9.6	9.7	10.2
FINLEY	12.0	13.8	8.2	9.5	10.2	10.5
ID571	12.3	13.7	7.0	8.9	9.4	9.9
ID575	12.7	14.6	8.5	9.7	11.5	11.2
MORELAND	12.7	14.7	7.5	9.2	10.2	10.5
Q. HYB 542	12.4	15.1	7.4	9.2	10.3	10.6
RESIDENCE	12.4	13.6	7.8	9.1	9.6	10.2
SEMPER	13.2	13.3	7.4	9.6	9.4	10.1
SYMPHONY	12.5	14.9	8.0	9.9	10.5	11.0
W96-355	13.1	14.5	7.7	9.9	11.0	10.9
WA7938	11.7	12.7	7.0	8.2	9.6	9.5
WA7939	11.5	12.9	7.1	8.6	9.7	9.7
WA7940	11.0	12.9	7.1	7.8	9.4	9.4
WANSER	11.8	13.9	7.5	9.2	10.0	10.3
WESTON	12.8	14.6	9.0	9.8	10.8	11.2
Soft White Common						
ELTAN	12.1	12.4	6.8	8.3	9.1	9.3
NURSERY MEAN	12.0	13.7	7.4	9.1	10.0	10.2
CV %	*	3.2	7.8	7.4	9.2	6.6
LSD @ .10	*	0.5	0.7	0.8	1.0	0.4

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VARIETY NAME	YIELD (BU/A)					VARIETY MEAN YIELD BU/A	VARIETY MEAN TEST WEIGHT LB/BU	VARIETY MEAN PROTEIN %
	HORSE HEAVEN	LIND	BICKLETON	ST. ANDREWS	PULLMAN			
Hard White Common								
WA7936	34.9	42.0	57.6	71.2	123.1	65.8	60.3	9.0
GOLDEN SPIKE	34.9	36.1	65.1	63.1	129.6	65.7	60.0	9.5
WA7937	36.1	41.0	54.7	60.0	129.1	64.2	60.4	9.4
GARY	33.8	38.8	56.9	62.5	125.6	63.5	60.4	9.3
NUFRONTIER	28.5	31.5	66.9	67.8	121.4	63.2	62.6	9.5
NUHORIZON	28.9	26.8	70.5	63.6	110.5	60.0	62.8	9.7
W96-359W	28.7	29.4	61.1	66.3	93.1	55.7	61.5	11.6
W96-054W	15.8	22.7	55.3	59.9	98.8	50.5	62.5	10.9
Hard Red Common								
ESTICA	35.5	45.5	66.2	68.5	128.3	68.8	55.4	10.2
WA7940	35.9	40.0	62.4	66.3	139.3	68.8	60.4	9.4
SEMPER	37.7	38.0	68.7	51.9	135.6	66.4	57.3	10.1
RESIDENCE	39.1	36.0	66.5	54.2	136.0	66.3	57.7	10.2
DW	30.2	34.9	66.3	70.2	119.4	64.2	61.2	10.2
Q. HYB 542	36.6	28.4	64.9	66.7	120.9	63.5	61.3	10.6
WA7939	34.1	41.7	54.6	63.4	120.7	62.9	60.1	9.7
MORELAND	25.9	28.6	70.2	74.8	114.1	62.7	60.7	10.5
WA7938	29.5	38.7	60.0	65.9	117.9	62.4	59.4	9.5
ID571	30.8	35.5	66.4	62.3	116.3	62.2	61.5	9.9
BUCHANAN	36.3	43.5	49.2	55.4	125.0	61.9	59.8	9.7
SYMPHONY	34.5	24.3	68.8	60.9	119.0	61.5	59.4	11.0
BOUNDARY	23.7	31.8	60.5	73.8	111.9	60.3	60.0	10.0
ID575	33.1	36.2	53.5	65.8	110.9	59.9	61.0	11.2
WESTON	33.3	29.9	56.7	55.7	118.6	58.8	61.7	11.2
FINLEY	32.2	37.5	55.0	57.9	108.4	58.2	61.9	10.5
COLUMBIA - 1	30.1	19.8	64.6	65.0	103.2	56.5	61.1	11.3
WANSER	29.2	31.4	56.5	56.1	101.2	54.9	61.8	10.3
W96-355	30.2	30.7	57.5	52.3	100.7	54.3	61.3	10.9
Soft White Common								
ELTAN	36.3	40.8	61.9	63.6	125.5	65.6	59.3	9.3
NURSERY MEAN	32.0	34.3	61.4	63.0	118.0	61.7	60.5	10.2
CV %	10.7	14.2	6.7	11.1	7.1	9.5	1.0	6.6
LSD @ .10	4.0	5.7	4.8	8.3	9.9	3.1	0.3	0.4