

**HARD RED SPRING WHEAT  
DISTRICT 2  
BOZEMAN IRRIGATED**

1996-2002 GRAIN YIELD (BU/AC) SUMMARY FOR SELECTED SPRING WHEAT VARIETIES								SIX YEAR COMPARABLE
VARIETY	1996	1998	1999	2000	2001	2002	YRS	AVE
FORTUNA	91.1	79.7	91.7	52.7	73.5	72.1	6	76.8
LEW	94.2	78.6	95.8	65.8	73.2	0.0	5	77.9
NEWANA <sup>2</sup>	104.0	100.9	108.4	92.0	87.6	82.7	6	95.9
HI-LINE <sup>*2</sup>	101.8	97.1	100.4	87.3	85.6	80.1	6	92.0
MCNEAL <sup>*2</sup>	106.3	101.5	103.8	87.4	92.0	88.1	6	96.5
AMIDON	107.9	90.9	95.7	84.9	76.1	74.7	6	88.4
<b>CHECK AVERAGE</b>	<b>100.9</b>	<b>91.5</b>	<b>99.3</b>	<b>78.4</b>	<b>81.3</b>	<b>66.3</b>	<b>6</b>	<b>86.3</b>
ERNEST <sup>*/+</sup>	100.2	92.1	90.8	75.2	78.5	69.8	6	84.5
SCHOLAR <sup>+</sup>	106.4	94.3	95.5	84.6	81.1	65.7	6	87.9
WESTBRED 926 <sup>*(P)<sup>2</sup></sup>	92.1	92.8	104.4	65.4	80.2	82.1	6	86.1
WESTBRED 936 <sup>(P)+<sup>2</sup></sup>	104.7	0.0	0.0	0.0	0.0	0.0	1	
WESTBRED EXPRESS <sup>(P)+<sup>2</sup></sup>	109.0	0.0	0.0	0.0	0.0	0.0	1	
FERGUS <sup>*(P)+<sup>2</sup></sup>	88.5	0.0	0.0	0.0	0.0	0.0	1	
CONAN <sup>(P)+<sup>2</sup></sup>	90.6	0.0	91.8	71.0	80.1	84.1	5	84.5
LEN <sup>2</sup>	101.1	90.4	0.0	0.0	0.0	0.0	2	
GRANDIN	0.0	83.0	94.3	0.0	0.0	0.0	2	
REEDER <sup>+</sup>	0.0	0.0	94.0	72.8	90.5	73.4	4	87.7
HANK <sup>*(P)+<sup>2</sup></sup>	0.0	0.0	0.0	91.8	93.5	99.5	3	108.7
MTHW9420 <sup>2</sup> + (HW)	0.0	0.0	115.9	74.8	80.0	63.2	4	88.5
EXPLORER <sup>2</sup> + (HW)	0.0	0.0	0.0	81.6	72.7	64.7	3	83.6

**1996-2002 AGRONOMIC TRAIT COMPARABLE AVERAGES**

VARIETY	TEST WEIGHT (LB/BU)		HEADING DATE (180 = JUNE 29)		PLANT HEIGHT (INCHES)		PROTEIN %	
	YEARS	AVE	YEARS	AVE	YEARS	AVE	YEARS	AVE
FORTUNA	6	62.6	6	181	6	41.2	6	14.8
LEW	5	61.2	5	178	5	40.6	5	13.8
NEWANA <sup>2</sup>	6	61.1	6	184	6	34.6	6	13.3
HI-LINE <sup>*2</sup>	6	62.6	6	180	6	33.4	6	14.3
MCNEAL <sup>*2</sup>	6	61.7	6	183	6	36.8	6	14.9
AMIDON	6	61.3	6	181	6	41.2	6	14.9
<b>CHECK AVERAGE</b>	<b>6</b>	<b>60.3</b>	<b>6</b>	<b>177</b>	<b>6</b>	<b>37.0</b>	<b>6</b>	<b>14.0</b>
ERNEST <sup>*/+</sup>	6	62.2	6	180	6	41.9	6	16.0
SCHOLAR <sup>+</sup>	6	61.8	6	182	6	39.5	6	15.1
WESTBRED 926 <sup>*(P)<sup>2</sup></sup>	6	60.8	6	179	6	33.7	6	14.7
WESTBRED 936 <sup>(P)+<sup>2</sup></sup>	1	59.7	1	175	1	30.0	1	14.9
WESTBRED EXPRESS <sup>(P)+<sup>2</sup></sup>	1	58.4	1	176	1	28.9	1	14.3
FERGUS <sup>*(P)+<sup>2</sup></sup>	1	59.3	1	174	1	32.6	1	14.2
CONAN <sup>(P)+<sup>2</sup></sup>	5	61.6	5	181	5	34.2	5	14.8
LEN <sup>2</sup>	2	59.9	2	177	2	34.6	2	14.4
GRANDIN	2	60.4	2	176	2	36.3	2	15.0
REEDER <sup>+</sup>	4	63.2	4	183	4	37.8	4	15.5
HANK <sup>*(P)+<sup>2</sup></sup>	3	63.1	3	185	3	33.6	3	15.1
MTHW9420 <sup>2</sup> + (HW)	4	61.9	4	183	4	34.2	4	13.3
EXPLORER <sup>2</sup> + (HW)	3	62.7	3	183	3	33.4	3	14.6

\* =Recommended variety, \*/ = recommended in wheat stem sawfly areas only, (P) =Private variety, (HW) = hard white

<sup>2</sup> = Semidwarf variety, + =Protected under the Plant Variety Protection Act

<sup>1</sup>Comparable averages using less than three years data are not reliable