

**HARD RED SPRING WHEAT
DISTRICT 3
HUNTLEY IRRIGATED**

| 1993-2002 GRAIN YIELD (BU/AC) SUMMARY FOR SELECTED SPRING WHEAT VARIETIES | | | | | | | | | | EIGHT YEAR COMPARABLE |
|---|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|----------|--------------------------|
| VARIETY | 1993 | 1994 | 1995 | 1997 | 1999 | 2000 | 2001 | 2002 | YRS | AVE |
| FORTUNA*/ | 72.2 | 37.3 | 74.8 | 79.7 | 92.7 | 93.2 | 99.2 | 107.4 | 8 | 82.1 |
| LEW | 79.4 | 26.6 | 78.5 | 67.3 | 91.1 | 86.7 | 99.3 | 0.0 | 7 | 76.4 |
| NEWANA ² | 89.4 | 39.9 | 85.9 | 80.6 | 122.7 | 96.1 | 112.4 | 108.4 | 8 | 91.9 |
| HI-LINE* ² | 85.1 | 47.6 | 81.1 | 86.1 | 117.1 | 89.7 | 107.2 | 110.8 | 8 | 90.6 |
| MCNEAL* ² | 91.1 | 42.3 | 85.7 | 78.1 | 130.1 | 90.5 | 110.6 | 118.5 | 8 | 93.4 |
| AMIDON | 93.0 | 44.7 | 87.6 | 81.9 | 132.3 | 92.2 | 123.9 | 117.9 | 8 | 96.7 |
| CHECK AVERAGE | 85.0 | 39.7 | 82.2 | 78.9 | 114.3 | 91.4 | 108.8 | 93.8 | 8 | 86.8 |
| ERNEST+ | 0.0 | 22.3 | 84.5 | 82.9 | 118.7 | 103.3 | 114.8 | 117.0 | 7 | 91.7 |
| SCHOLAR+ | 0.0 | 0.0 | 82.7 | 82.1 | 112.5 | 101.8 | 121.1 | 111.7 | 6 | 93.2 |
| WESTBRED 926*(P) ² | 94.0 | 32.5 | 73.1 | 68.2 | 119.7 | 89.7 | 103.6 | 122.2 | 8 | 87.9 |
| WESTBRED 936*(P)+ ² | 89.2 | 36.1 | 71.5 | 56.6 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 76.9 |
| WESTBRED EXPRESS*(P)+ ² | 89.1 | 33.2 | 77.8 | 74.7 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 83.4 |
| FERGUS*(P)+ ² | 98.3 | 34.7 | 79.4 | 61.3 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 83.1 |
| CONAN(P)+ ² | 0.0 | 0.0 | 77.4 | 61.9 | 95.5 | 91.0 | 101.5 | 109.5 | 6 | 81.8 |
| LEN ² | 91.9 | 45.3 | 74.4 | 69.5 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 85.3 |
| GRANDIN ² | 0.0 | 0.0 | 0.0 | 74.9 | 118.2 | 0.0 | 0.0 | 0.0 | 2 | |
| REEDER+ | 0.0 | 0.0 | 0.0 | 0.0 | 123.9 | 96.5 | 116.0 | 125.5 | 4 | 98.2 |
| HANK*(P)+ ² | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 104.9 | 107.0 | 123.0 | 3 | 98.8 |
| MTHW9420 ² + (HW) | 0.0 | 0.0 | 0.0 | 0.0 | 126.8 | 85.7 | 121.0 | 115.6 | 4 | 95.4 |
| EXPLORER ² + (HW) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 83.9 | 91.0 | 105.5 | 3 | 82.7 |

1993-2002 AGRONOMIC TRAIT COMPARABLE AVERAGES

| VARIETY | TEST WEIGHT (LB/BU) | | HEADING DATE | | PLANT HEIGHT (INCHES) | | PROTEIN (%) | |
|------------------------------------|------------------------|-------------|--------------|------------|--------------------------|-------------|----------------|-------------|
| | YEARS | AVE | YEARS | AVE | YEARS | AVE | YEARS | AVE |
| FORTUNA*/ | 8 | 61.1 | 7 | 167 | 7 | 41.6 | 8 | 14.7 |
| LEW | 7 | 60.0 | 6 | 166 | 6 | 38.2 | 7 | 14.5 |
| NEWANA ² | 8 | 60.6 | 7 | 170 | 7 | 33.6 | 8 | 13.6 |
| HI-LINE* ² | 8 | 61.0 | 7 | 165 | 7 | 32.2 | 8 | 14.1 |
| MCNEAL* ² | 8 | 60.5 | 7 | 169 | 7 | 35.6 | 8 | 14.5 |
| AMIDON | 8 | 60.2 | 7 | 167 | 7 | 40.8 | 8 | 14.3 |
| CHECK AVERAGE | 8 | 59.5 | 7 | 164 | 7 | 36.2 | 8 | 14.0 |
| ERNEST+ | 7 | 60.9 | 6 | 168 | 6 | 40.6 | 7 | 15.2 |
| SCHOLAR+ | 6 | 61.5 | 5 | 170 | 5 | 38.9 | 6 | 14.9 |
| WESTBRED 926*(P) ² | 8 | 59.3 | 7 | 163 | 7 | 32.0 | 8 | 15.0 |
| WESTBRED 936*(P)+ ² | 4 | 56.4 | 3 | 158 | 3 | 27.8 | 4 | 14.5 |
| WESTBRED EXPRESS*(P)+ ² | 4 | 58.3 | 3 | 162 | 3 | 27.1 | 4 | 14.2 |
| FERGUS*(P)+ ² | 4 | 58.2 | 3 | 160 | 3 | 31.3 | 4 | 14.1 |
| CONAN(P)+ ² | 6 | 60.8 | 5 | 167 | 5 | 33.2 | 6 | 14.6 |
| LEN ² | 4 | 59.1 | 3 | 164 | 3 | 35.2 | 4 | 14.5 |
| GRANDIN ² | 2 | 58.4 | 1 | 161 | 1 | 36.2 | 2 | 14.6 |
| REEDER+ | 4 | 62.7 | 4 | 168 | 4 | 36.8 | 4 | 15.2 |
| HANK*(P)+ ² | 3 | 61.5 | 3 | 170 | 3 | 34.7 | 3 | 15.5 |
| MTHW9420 ² + (HW) | 4 | 61.9 | 4 | 169 | 4 | 34.1 | 4 | 13.9 |
| EXPLORER ² + (HW) | 3 | 62.1 | 3 | 169 | 3 | 32.9 | 3 | 15.4 |

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

² = Semidwarf variety, + =Protected under the Plant Variety Protection Act

¹Comparable averages using less than three years data are not reliable