

2009 Winter Wheat Variety Trial - Continuously Cropped - No-till

Hettinger

| Variety | Winter Surv. | Heading Date | Plant Height | Test Weight | Grain Protein | ---- Grain Yield ---- | | | Average Yield | |
|---------------|--------------|--------------|--------------|-------------|---------------|------------------------------|------|------|---------------|------|
| | % | June | inches | lbs/bu | % | 2007 | 2008 | 2009 | 2 yr | 3 yr |
| | | | | | | ----- Bushels per acre ----- | | | | |
| CDC Falcon | 92 | 24 | 29 | 57.5 | | 65.9 | 53.2 | 50.5 | 51.8 | 56.5 |
| Hawken | 78 | 19 | 29 | 58.3 | | 63.0 | 48.4 | 52.4 | 50.4 | 54.6 |
| Millennium | 91 | 21 | 34 | 59.3 | | 63.0 | 49.4 | 45.2 | 47.3 | 52.5 |
| Darrell | 74 | 24 | 32 | 57.0 | | 57.0 | 50.3 | 48.9 | 49.6 | 52.1 |
| Radiant | 92 | 26 | 36 | 57.9 | | 59.5 | 48.1 | 46.5 | 47.3 | 51.4 |
| Yellowstone | 95 | 26 | 32 | 56.5 | | 59.3 | 51.3 | 42.9 | 47.1 | 51.2 |
| Jerry | 92 | 25 | 37 | 58.2 | | 59.3 | 49.0 | 44.3 | 46.6 | 50.9 |
| Expedition | 82 | 20 | 31 | 58.7 | | 60.5 | 47.2 | 44.6 | 45.9 | 50.8 |
| Wesley | 86 | 19 | 28 | 57.8 | | 57.8 | 50.5 | 43.6 | 47.0 | 50.6 |
| Jagalene | 90 | 22 | 30 | 58.7 | | 60.5 | 46.1 | 43.3 | 44.7 | 50.0 |
| CDC Buteo | 92 | 24 | 37 | 59.9 | | 60.1 | 43.8 | 43.4 | 43.6 | 49.1 |
| Alice* | 89 | 20 | 28 | 58.0 | | 54.3 | 49.7 | 42.0 | 45.8 | 48.7 |
| CDC Accipiter | 80 | 28 | 33 | 57.9 | | | 49.8 | 51.0 | 50.4 | |
| Overland | 66 | 23 | 32 | 57.0 | | | 50.0 | 45.2 | 47.6 | |
| Lyman | 82 | 20 | 30 | 59.4 | | | 42.8 | 49.5 | 46.2 | |
| Boomer | 94 | 25 | 33 | 57.9 | | | | 53.4 | | |
| Striker | 86 | 24 | 31 | 57.8 | | | | 47.0 | | |
| CDC Peregrine | 90 | 26 | 37 | 58.5 | | | | 44.5 | | |
| Mace | 86 | 21 | 29 | 58.5 | | | | 42.8 | | |
| Art | 81 | 20 | 29 | 58.5 | | | | 36.2 | | |
| CA9W07-817 | 91 | 25 | 34 | 59.7 | | | | 52.7 | | |
| SD05118 | 94 | 22 | 31 | 58.6 | | | | 53.8 | | |
| MT0495 | 95 | 24 | 32 | 57.0 | | | | 43.6 | | |
| MT0552 | 92 | 22 | 32 | 58.7 | | | | 54.4 | | |
| PST34 | 83 | 29 | 33 | | | | | | | |
| PST41 | 40 | 30 | 26 | | | | | | | |
| PST42 | 53 | 30 | 29 | | | | | | | |
| Trial Mean | 85 | 24 | 32 | 58.2 | | 58.1 | 48.3 | 46.7 | -- | -- |
| C.V. % | 18.9 | 5.3 | 6.3 | 2.0 | | 6.7 | 6.8 | 7.7 | -- | -- |
| LSD .05 | 23 | 2 | 3 | 1.6 | | 5.5 | 4.6 | 5.1 | -- | -- |
| LSD .01 | 30 | 4 | 4 | 2.2 | | 7.2 | 6.1 | 6.7 | -- | -- |

* Hard white winter wheat.

Planting Date: September 29, 2008 Harvest Date: August 18, 2009
 Seeding Rate: 1 million live seeds / acre (approx. 1.4 bu/A).
 Previous Crop: 2006 = field pea, 2007 = durum, 2008 = hrsw.
 Note: The 2009 trial sustained moderate hail damage.