

2016 Dryland Winter Wheat Variety Performance Trial at Roggen

| Variety | Brand/Source | Yield | Test Weight | Plant Height |
|--------------------|-----------------------------|-------------|-------------|--------------|
| | | bu/ac | lb/bu | in |
| LCH13NEDH-14-69 | Limagrain Cereal Seeds | 111.8 | 62.2 | 36 |
| Cowboy | Crop Res. Found. of Wyoming | 111.3 | 61.7 | 36 |
| CO11D1539 | Colorado State Univ. exp. | 111.1 | 60.7 | 38 |
| Joe | Kansas Wheat Alliance | 110.7 | 61.6 | 38 |
| Sunshine | PlainsGold | 110.1 | 58.8 | 37 |
| Avery | PlainsGold | 109.6 | 62.4 | 38 |
| CO12D1028 | Colorado State Univ. exp. | 108.9 | 57.7 | 37 |
| Winterhawk | WestBred Monsanto | 107.2 | 61.2 | 38 |
| CO11D1312 | Colorado State Univ. exp. | 107.0 | 62.9 | 36 |
| CO12D2011 | Colorado State Univ. exp. | 106.3 | 63.3 | 38 |
| Antero | PlainsGold | 105.5 | 61.8 | 37 |
| LCS Mint | Limagrain Cereal Seeds | 105.3 | 62.9 | 39 |
| CO12D906 | Colorado State Univ. exp. | 104.8 | 62.3 | 36 |
| CO11D1397 | Colorado State Univ. exp. | 104.4 | 61.8 | 34 |
| CO12D2010 | Colorado State Univ. exp. | 103.0 | 61.5 | 36 |
| Hatcher | PlainsGold | 103.0 | 62.2 | 34 |
| CO11D421 | Colorado State Univ. exp. | 102.5 | 61.2 | 35 |
| CO12D922 | Colorado State Univ. exp. | 102.2 | 63.1 | 36 |
| Snowmass | PlainsGold | 102.0 | 61.8 | 36 |
| Denali | PlainsGold | 101.9 | 63.1 | 37 |
| CO11D1306W | Colorado State Univ. exp. | 101.8 | 62.4 | 38 |
| CO11D446 | Colorado State Univ. exp. | 101.2 | 62.2 | 35 |
| CO11D1236 | Colorado State Univ. exp. | 101.1 | 62.6 | 35 |
| Byrd | PlainsGold | 100.6 | 62.9 | 36 |
| Oakley CL | Kansas Wheat Alliance | 99.9 | 61.0 | 34 |
| Settler CL | Husker Genetics | 98.4 | 60.3 | 36 |
| KanMark | Kansas Wheat Alliance | 97.5 | 62.8 | 32 |
| LCS Chrome | Limagrain Cereal Seeds | 97.2 | 63.0 | 36 |
| MTS1024 | Montana State Univ. exp. | 97.2 | 59.6 | 36 |
| WB-Grainfield | WestBred Monsanto | 96.4 | 60.9 | 38 |
| CO14A065 | Colorado State Univ. exp. | 96.4 | 61.0 | 36 |
| TAM 114 | AGSECO | 96.0 | 63.8 | 34 |
| Ripper | PlainsGold | 95.6 | 61.4 | 38 |
| CO11D1767 | Colorado State Univ. exp. | 94.6 | 62.3 | 33 |
| SY Wolf | AgriPro Syngenta | 93.4 | 61.0 | 36 |
| SY Monument | AgriPro Syngenta | 93.1 | 61.2 | 35 |
| SY Sunrise | AgriPro Syngenta | 92.9 | 61.9 | 33 |
| TAM 204 | Watley Seed | 91.7 | 58.0 | 32 |
| Brawl CL Plus | PlainsGold | 91.0 | 61.7 | 36 |
| CO14A058 | Colorado State Univ. exp. | 90.4 | 60.4 | 39 |
| Ruth | Husker Genetics | 90.1 | 64.3 | 38 |
| WB4721 | WestBred Monsanto | 88.4 | 62.7 | 35 |
| Akron | Colorado State University | 88.2 | 61.4 | 38 |
| LCH13-032 | Limagrain Cereal Seeds | 87.6 | 62.7 | 36 |
| Doublestop CL Plus | Oklahoma Genetics | 84.2 | 61.7 | 36 |
| Prairie Red | PlainsGold | 78.8 | 60.6 | 31 |
| | Average | 99.4 | 61.7 | 36 |
| | ^a LSD (P<0.30) | 6.3 | | |

^aIf the difference between two variety yields equals or exceeds the LSD value then they are significantly different with less than 30% probability that the difference is due to random error.

Site Information

Cooperator: Cooksey Farms
Harvest date: July 13, 2016
Planting date: September 23, 2015
Fertilizer: Starter: N at 8 lb/ac and P at 28 lb/ac; Spring (March): N at 13 lb/ac, S at 2.3 lb/ac, and Awaken fertilizer additive at 1 qt/ac
Herbicide: Colt+Salvo at 10 oz/ac and generic Ally at 0.1 oz/ac applied on May 4
Stripe Rust: Stripe rust found in Byrd on March 22 and other susceptible varieties in early April. Propiconazole fungicide applied on May 4 to control rust infestation. Applied tebuconazole on May 25.
General Comments: Trial dusted in 2" deep behind shovels. Stands were very good. Trial had good moisture in late March and lush early spring growth.

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