

Table 9. List of spring wheat varieties tested in 2016 along with origin, agronomic and grain quality characteristics, and disease ratings.

| Variety | Testing and Origin | | Agronomic Characteristics | | | Grain Quality | | Disease Ratings¶ | | | | |
|-------------|--------------------|--------------|---------------------------|-----------------------|----------------|---------------|-----------|------------------|-----------|-----------|----------|-----------------|
| | Years Tested in SD | Origin†-Year | Relative Hdg‡ (days) | Relative Ht‡ (inches) | Lodging Score§ | Test Wt. | Protein % | Stripe Rust | Stem Rust | Leaf Rust | 2016 BLS | 2016 FHB (scab) |
| Advance | 5+ | SD-11 | 4 | -3 | 1.5 | Avg. | Avg. | MR | R-MR | MR-MS | MS | MR |
| LCS Anchor | new | LCS-16 | 2 | -4 | 1.4 | Avg. | Good | (MR) | - | (MR) | MR | MS |
| Bolles | 4 | MN-15 | 6 | -1 | 1.2 | Low | High | MR | - | (R)# | MS | MS |
| Boost | 4 | SD-exp | 6 | -1 | 1.2 | Avg. | Avg. | MS | - | MR | MR | MS |
| Brick | 5+ | SD-08 | 0 | 0 | 1.4 | Good | Avg. | MS | R | MR-MS | MR | MR |
| MS Chevelle | 3 | MS-14 | 2 | -3 | 1.2 | Avg. | Low | (MR) | (MR) | (R) | S | MS |
| Elgin-ND | 5+ | ND-12 | 3 | 2 | 1.3 | Avg. | Avg. | MS | R | MS | MS | MS |
| Faller | 5+ | ND-07 | 6 | -1 | 1.3 | Low | Low | S | R | MS | MS | MS |
| Focus | 4 | SD-15 | -1 | 2 | 1.4 | Good | Avg. | MS | - | S | MR | MR |
| Forefront | 5+ | SD-11 | 1 | 2 | 1.3 | Avg. | Avg. | MR | R-MR | MS | MR | MR |
| HRS 3100 | new | CP-16 | 5 | -3 | 1.0 | Avg. | Avg. | - | - | - | MS | MS |
| HRS 3361 | 3 | CP-14 | 5 | -3 | 1.0 | Low | Avg. | (MS) | (MR) | (MR) | MS | MS |
| HRS 3419 | 3 | CP-15 | 6 | -2 | 1.2 | Low | Avg. | (MR) | (R) | (R) | S | MS |
| HRS 3504 | 2 | CP-15 | 5 | -3 | 1.0 | Avg. | Avg. | (MR) | (MR) | (MR) | MS | MS |
| HRS 3530 | 2 | CP-16 | 6 | 1 | 1.3 | Avg. | Avg. | (MS) | (R) | (R) | MS | MS |
| HRS 3616 | new | CP-17 | 5 | -2 | 1.0 | Avg. | Avg. | - | - | - | MS | MS |
| SY Ingmar | new | SY-14 | 5 | -3 | 1.1 | Avg. | Avg. | - | (R) | (MR) | MR | MR |
| Linkert | 5+ | MN-13 | 4 | -4 | 1.0 | Avg. | Good | MR | - | MR-MS | MR | MS |
| Prevail | 5+ | SD-13 | 1 | -2 | 1.4 | Avg. | Avg. | MR | MR | MS | MR | MR |
| Prosper | 5+ | ND-11 | 5 | -1 | 1.6 | Low | Avg. | S | R | MS | MS | MS |
| RB07 | 5+ | MN-07 | 3 | -2 | 1.4 | Avg. | Avg. | MS | MR | MR | MS | MS |
| SY Rustler | 2 | SY-16 | 3 | -3 | 1.3 | Avg. | Avg. | MR | - | MR | MR | MS |
| Select | 5+ | SD-09 | 0 | -1 | 1.5 | Good | Avg. | MR | R-MR | MR-MS | MR | MR |
| Shelly | new | MN-16 | 7 | -3 | 1.2 | Avg. | Avg. | - | - | - | MS | MS |
| Surpass | 3 | SD-exp | 1 | -1 | 1.5 | Avg. | Avg. | - | - | - | MR | MR |
| LCS Trigger | new | LCS-15 | 7 | -1 | 1.1 | Avg. | Low | MS | (R) | (R) | MS | S |
| SY Valda | new | SY-15 | 4 | -3 | 1.2 | Avg. | Avg. | MS | - | MR | MR | MR |
| WB9312 | new | WB-16 | 2 | -3 | 1.4 | Avg. | Low | - | - | - | MR | MS |
| WB9507 | 3 | WB-14 | 4 | -1 | 1.3 | Low | Avg. | (MR) | (MR) | (MR) | MR | MS |
| WB9653 | new | WB-15 | 5 | -4 | 1.1 | Avg. | Avg. | MR | - | MR | MR | MR |

† CP, Croplan; LCS, Limagrain Cereal Seeds; MN, Minnesota; MS, Meridian Seeds; ND, North Dakota; SD, South Dakota; SY, Syngenta; WB, Westbred and - (Year of Release)

‡ Difference in days to heading and height in inches compared to **Brick (31 inches)** statewide.

§ Lodging scores range from 1 (perfectly standing) to 5 (completely flat).

¶ Disease ratings: R, resistant; MR, moderately resistant; MS, moderately susceptible; S, susceptible.

Estimated ratings (X), based on information provided by the entity that submitted the variety.