CANADA WESTERN RED SPRING WHEAT

| | | | | | ategory Brandon) | | | Agrono | mic Ch | aracteris | tics: | | | Dis | ease Tole | rance: |
|-----------------------------|-------------------|---------------------|---------|----------|---------------------|------------------|------------|----------------|--------|-----------|-------|--------|----------|------|-----------|------------------|
| | | | | | | Maturity | | | | | | Resist | ance to: | | | |
| | Most | Overall | | | | Rating | | | | | | | | | | |
| | Recent Year of | Station Years of | Overall | Low < 77 | High ≥ 77 | (Days +/- AAC | Protein | Test Weight | TKW | Height | Awns | Lodg- | Sprout- | | Stripe | Fusarium Head |
| Variety | Testing | Testing | Yield | (bu/ac) | (bu/ac) | Brandon) | (%) | (lb/bu) | (g) | (cm) | (Y/N) | ing | ing | Bunt | Rust | Blight |
| | | | ١ | ield and | agronomic | data only di | rectly com | parable to | | Brandon | | | Ť | | | |
| AAC Brandon (bu/ac) | | | 75 | 59 | 95 | | | | | | | | | | | |
| AAC Brandon - check 🕲 | 2022 | 101 | 100 | 100 | 100 | 104 | 14.0 | 63 | 39 | 84 | Υ | G | Р | S | MR | MR |
| AAC Alida VB † 💮 | 2019 | 37 | 94 | 97 | 93 | 0 | -0.2 | 63 | 41 | 91 | Υ | G | VG | - 1 | MR | MR |
| AAC Broadacres VB (9) | 2021 | 30 | 105 | 103 | 106 | 0 | -0.7 | 63 | 40 | 86 | Υ | VG | F | R | MR | - 1 |
| AAC Connery ® | 2016 | 24 | 97 | 93 | 106 | -1 | 0.2 | 62 | 40 | 88 | N | VG | G | - 1 | R | MR |
| AAC Elie 🚳 | 2020 | 15 | 103 | 105 | 100 | 0 | -0.5 | 64 | 39 | 84 | Υ | G | F | - 1 | MR | - 1 |
| AAC Hockley ®* | 2022 | 19 | 100 | 95 | 105 | 1 | 0.1 | 64 | 34 | 82 | Υ | VG | G | R | R | MR |
| AAC Hodge VB ®* | 2022 | 31 | 103 | 101 | 105 | -1 | -0.3 | 63 | 37 | 91 | Υ | G | F | R | R | MR |
| AAC LeRoy VB ® | 2021 | 29 | 100 | 101 | 99 | 0 | -0.2 | 63 | 39 | 88 | Υ | G | G | - 1 | MR | MR |
| AAC Magnet ® | 2020 | 36 | 93 | 94 | 93 | -2 | 0.0 | 63 | 40 | 90 | Υ | VG | F | S | - 1 | MR |
| AAC Redberry @ | 2017 | 37 | 94 | 94 | 94 | -3 | -0.3 | 63 | 41 | 90 | Υ | F | G | - 1 | R | - 1 |
| AAC Redstar ®* | 2022 | 31 | 96 | 92 | 101 | -2 | 0.0 | 63 | 36 | 90 | Υ | VG | G | MR | MR | MR |
| AAC Russell VB (9) | 2021 | 30 | 104 | 103 | 104 | -1 | -0.2 | 63 | 39 | 87 | Υ | G | F | MR | R | MR |
| AAC Starbuck VB (9) | 2020 | 36 | 103 | 104 | 102 | 0 | -0.2 | 63 | 39 | 87 | Υ | F | F | S | MR | MR |
| AAC Tisdale † 🖲 | 2017 | 37 | 94 | 94 | 94 | -1 | 0.6 | 63 | 42 | 93 | Υ | F | F | MR | S | MR |
| AAC Viewfield ® | 2022 | 50 | 103 | 99 | 106 | 0 | -0.3 | 63 | 37 | 81 | Υ | VG | G | MR | R | 1 |
| AAC Warman VB † 🖲 | 2020 | 36 | 94 | 93 | 94 | -1 | -0.4 | 63 | 38 | 99 | Υ | Р | F | S | MS | MR |
| AAC Wheatland VB (9) | 2020 | 36 | 104 | 104 | 104 | 0 | -0.5 | 63 | 40 | 86 | Υ | VG | G | MR | - 1 | I |
| Carberry 🕲 | 2021 | 59 | 94 | 92 | 95 | 0 | 0.1 | 63 | 39 | 84 | Υ | VG | F | R | MR | MR |
| CDC Abound 🕲 | 2010 | 88 | 101 | 100 | 105 | -1 | -0.1 | 63 | 40 | 87 | Υ | G | F | - 1 | MS | S |
| CDC Adamant VB (9) | 2018 | 37 | 98 | 98 | 97 | -1 | -0.2 | 63 | 39 | 88 | Υ | Р | F | S | MS | I |
| CDC Go | 2019 | 60 | 95 | 93 | 96 | -1 | 0.0 | 62 | 44 | 92 | Υ | F | Р | - 1 | MS | MS |
| CDC Hughes VB 🕾 | 2018 | 37 | 96 | 96 | 96 | -1 | -0.2 | 63 | 44 | 87 | Υ | G | G | MS | - 1 | I |
| CDC Landmark VB ® | 2019 | 50 | 99 | 98 | 100 | -1 | -0.2 | 63 | 43 | 88 | Υ | G | G | MS | MR | 1 |
| CDC Ortona (9) | 2020 | 36 | 99 | 98 | 100 | -1 | -0.4 | 63 | 35 | 93 | N | G | G | S | R | I |
| CDC Pilar CLPlus ®* | 2021 | 30 | 98 | 98 | 98 | -1 | -0.5 | 62 | 38 | 78 | Υ | VG | G | MR | MS | - 1 |
| CDC Plentiful † 🕲 | 2014 | 41 | 92 | XX | XX | -2 | -0.2 | 64 | 35 | 94 | N | G | Р | 1 | MR | MR |
| CDC Silas ®* | 2022 | 31 | 99 | 97 | 101 | 0 | -0.2 | 62 | 36 | 87 | Υ | F | F | MS | - 1 | 1 |
| CDC SKRush ®* | 2022 | 31 | 100 | 97 | 104 | -1 | -0.1 | 63 | 33 | 93 | Υ | F | Р | 1 | MR | MR |
| CDC Stanley @ | 2013 | 76 | 98 | 100 | 101 | -1 | -0.1 | 63 | 34 | 97 | N | G | G | S | - 1 | MS |
| CDC Succession CLPlus VB ®* | 2021 | 30 | 101 | 102 | 101 | 0 | -0.4 | 62 | 41 | 86 | Υ | VG | G | S | - 1 | MS |
| Ellerslie ® | 2021 | 30 | 99 | 96 | 103 | -1 | -0.2 | 61 | 35 | 90 | N | VG | G | S | R | I |
| Go Early † 🚳 | 2016 | 24 | 93 | 92 | 97 | -4 | 0.4 | 61 | 40 | 100 | Υ | Р | Р | MR | - 1 | I |
| Jake ® | 2020 | 36 | 94 | 93 | 96 | -2 | 0.6 | 63 | 37 | 93 | Υ | F | F | MR | R | MS |
| Parata ® | 2019 | 37 | 87 | 86 | 88 | -4 | 0.2 | 63 | 39 | 94 | Υ | F | F | S | MR | I |
| Rednet ® | 2022 | 43 | 97 | 94 | 100 | 0 | 0.1 | 64 | 37 | 97 | Υ | F | F | S | R | MR |
| Shaw VB † 🕲 | 2011 | 43 | 100 | 100 | 101 | -1 | -0.5 | 63 | 37 | 104 | N | F | G | MR | 1 | MS |
| Sheba 🕲 | 2021 | 30 | 96 | 91 | 100 | -1 | -0.5 | 63 | 36 | 94 | N | G | G | MR | R | 1 |
| Stettler @ | 2020 | 90 | 97 | 98 | 97 | 0 | 0.1 | 63 | 38 | 92 | Υ | F | G | MR | MR | MS |
| SY Brawn VB ® | 2021 | 30 | 99 | 95 | 102 | -1 | -0.1 | 62 | 35 | 91 | Υ | G | F | MR | - 1 | - 1 |
| SY Cast 🖤* | 2021 | 30 | 98 | 97 | 99 | -1 | 0.4 | 62 | 39 | 83 | Υ | VG | G | R | R | I |
| SY Crossite ®* | 2021 | 30 | 100 | 101 | 99 | -1 | -0.3 | 62 | 40 | 90 | Υ | G | G | MS | R | MR |
| SY Donald VB ®* | 2022 | 19 | 97 | 94 | 101 | -1 | -0.3 | 63 | 34 | 89 | Υ | F | G | MS | 1 | MR |
| SY Gabbro 🕲 | 2021 | 41 | 99 | 98 | 100 | -1 | 0.0 | 62 | 40 | 90 | Υ | VG | F | 1 | 1 | MR |
| SY Manness ®* | 2022 | 31 | 98 | 94 | 103 | -1 | -0.4 | 62 | 33 | 81 | Υ | VG | G | S | 1 | I |
| SY Torach ® | 2021 | 30 | 99 | 97 | 101 | 0 | 0.4 | 63 | 33 | 80 | Υ | VG | F | MS | MS | MR |
| Thorsby ® | 2015 | 43 | 92 | XX | XX | -2 | -0.5 | 64 | 38 | 87 | N | G | F | S | R | I |
| Tracker ® | 2020 | 36 | 94 | 93 | 95 | -2 | 0.0 | 63 | 35 | 90 | N | F | G | S | R | 1 |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. * Effective Aug. 1, 2021 the Canadian Grain Commission designated AAC Redwater and Muchmore to the CNHR wheat class. For more information see the Canadian Grain Commission website www.grainscanada.gc.ca. Fusarium Head Blight (FHB) infection is highly influenced by the environment and heading date. Under high levels of FHB all varieties will sustain damage. Moderately Resistant (MR) and Resistant (R) ratings for FHB do not equate to immunity. Varieties rated Intermediate (I) to Susceptible (S) for bunt should be treated with a systemic seed treatment to reduce the potential for infection. CDC Adamant VB, CDC Landmark VB and CDC Hughes VB have a semi-solid stem that confers resistance to the wheat stem sawfly. CDC Abound, CDC Pilar CLPlus, and CDC Succession CLPlus VB are tolerant to the Cleafield herbicides Adrenalin SC and Altitude FX. VB - designates a varietal blend to preserve the Sm1 orange wheat blossom midge tolerance gene. New CWRS registrations and insufficient data to describe: AAC Dutton VB (BW1094), AAC Hassler (PT496) and PT5003. 🕲 = Protected by PBR (UPOV 78), 🕲 = Protected by PBR (UPOV 79), and 💬 = pending PBR protection. XX - Insufficient data to describe. † Flagged for possible removal in 2024.

CANADA WESTERN HARD WHITE SPRING WHEAT

| | | | | | ategory Brandon) | | | Agronor | nic Cha | racteristi | cs: | | | Di | sease To | erance: |
|-----------------------|------------------------------|--------------------------------|------------------|------------------------|-------------------------|------------------------------|----------------|---------------------------|------------|----------------|---------------|--------------|----------------|------|----------------|----------------------------|
| | Most | Overall | | | | Matu- rity Rating | | | | | | Resist | ance to: | | | |
| Variety | Recent Year of Testing | Station Years of Testing | Overall Yield | Low < 77 (bu/ac) | High ≥ 77 (bu/ac) | (Days +/- AAC Brandon) | Protein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Awns (Y/N) | Lodg- ing | Sprout- ing | Bunt | Stripe Rust | Fusarium Head Blight |
| | | | | Yield ar | nd agronom | nic data only d | irectly cor | nparable t | to AAC I | Brandon | | | | | | |
| AAC Brandon (bu/ac) | | | 76 | 60 | 96 | | | | | | | | | | | |
| AAC Brandon - check 🚳 | 2022 | 86 | 100 | 100 | 100 | 104 | 14.0 | 63 | 40 | 84 | Υ | G | Р | S | MR | MR |
| AAC Cirrus 🕲 | 2019 | 37 | 93 | 91 | 96 | 0 | -0.2 | 62 | 42 | 91 | Υ | G | VG | I | MR | MR |
| AAC Iceberg 🕲 | 2014 | 37 | 90 | XX | XX | -1 | -0.6 | 63 | 46 | 102 | Υ | G | F | R | S | 1 |
| AAC Tomkins 🕪 | 2022 | 19 | 88 | 81 | 97 | -1 | 0.1 | 62 | 37 | 86 | Υ | VG | G | MR | MS | 1 |
| AAC Whitehead VB ®* | 2022 | 19 | 103 | 96 | 110 | -1 | -0.7 | 62 | 41 | 86 | Υ | VG | G | R | MR | 1 |
| Snowbird [†] | 2003 | 94 | 87 | XX | XX | -1 | 0.2 | 61 | 39 | 88 | N | VG | G | I | R | MR |
| Whitehawk † (9) | 2013 | 42 | 93 | XX | XX | 0 | -0.5 | 63 | 41 | 84 | Υ | F | F | 1 | MR | 1 |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. Fusarium Head Blight (FHB) infection is highly influenced by the environment and heading date. Under high levels of FHB all varieties will sustain damage. Moderately Resistant (MR) and Resistant (R) ratings for FHB do not equate to immunity. Varieties rated Intermediate (I) to Susceptible (S) for bunt should be treated with a systemic seed treatment to reduce the potential for infection. VB - designates a varietal blend to preserve the Sm1 orange wheat blossom midge tolerance gene. Protected by PBR (UPOV 78), PBR (UPOV 78), PBR (UPOV 91), and PBR protection. XX - Insufficient data to describe.

CANADA PRAIRIE SPRING RED WHEAT

| | | | | Yield Cate AAC Bra | | | | Agronoi | mic Cha | ıracteristi | cs: | | | Dis | ease Tol | erance: |
|---------------------|--------------------------------------|---|------------------|-----------------------|-------------------------|--|----------------|---------------------------|------------|----------------|---------------|--------------|----------------|------|----------------|----------------------------|
| | | | | | | Relative | | | | | | Resist | ance to: | | | |
| Variety | Most Recent Year of Testing | Overall Station Years of Testing | Overall Yield | Low < 77 (bu/ac) | High ≥ 77 (bu/ac) | Maturity (Days +/- AAC Bran- don) | Protein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Awns (Y/N) | Lodg- ing | Sprout- ing | Bunt | Stripe Rust | Fusarium Head Blight |
| | | | Yi | ield and agro | nomic data | only directly | compara | ble to AA | C Brand | lon | | | | | | |
| AAC Brandon (bu/ac) | | | 79 | 58 | 95 | | | | | | | | | | | |
| AAC Brandon 🕸 | 2022 | 194 | 100 | 100 | 100 | 104 | 14.0 | 64 | 40 | 84 | Υ | G | Р | S | MR | MR |
| 5700PR 🕲 | 2004 | 117 | 102 | XX | XX | -1 | -1.3 | 62 | 42 | 85 | Υ | VG | F | R | S | MS |
| AAC Crossfield (9) | 2017 | 37 | 105 | 105 | 105 | -1 | -1.4 | 62 | 42 | 85 | Υ | G | Р | - 1 | R | 1 |
| AAC Entice † (9) | 2015 | 38 | 101 | 101 | 100 | -1 | -1.2 | 62 | 41 | 83 | Υ | G | Р | S | R | 1 |
| AAC Foray VB † (9) | 2015 | 41 | 112 | XX | XX | 2 | -1.6 | 63 | 51 | 91 | Υ | G | G | - 1 | MR | 1 |
| AAC Goodwin ® | 2018 | 38 | 108 | 107 | 109 | -1 | -0.6 | 63 | 41 | 85 | Υ | VG | G | MS | R | 1 |
| AAC Penhold ® | 2022 | 81 | 102 | 97 | 105 | 0 | -0.7 | 64 | 43 | 77 | Υ | VG | VG | R | - 1 | MR |
| AAC Perform ®* | 2022 | 16 | 105 | XX | 106 | 2 | -1.6 | 65 | 40 | 88 | Υ | VG | XX | - 1 | MR | MS |
| AAC Rimbey VB ®* | 2022 | 28 | 110 | XX | 112 | 0 | -1.9 | 65 | 44 | 86 | Υ | G | VG | - 1 | R | 1 |
| AAC Westlock ®* | 2022 | 28 | 111 | XX | 113 | 1 | -1.3 | 65 | 45 | 86 | Υ | G | XX | R | R | MR |
| Accelerate ®* vua | 2022 | 42 | 107 | 103 | 108 | 0 | -1.1 | 64 | 36 | 80 | Υ | G | F | S | R | 1 |
| CDC Reign @ | 2022 | 30 | 103 | 98 | 106 | 2 | -0.9 | 63 | 37 | 86 | Υ | VG | G | S | 1 | 1 |
| Forefront | 2022 | 16 | 102 | XX | 104 | 2 | -1.2 | 65 | 42 | 81 | Υ | VG | F | 1 | R | MS |
| SY Rorke ® | 2021 | 29 | 105 | 101 | 107 | 1 | -1.4 | 61 | 37 | 85 | Υ | F | F | MS | S | 1 |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. Fusarium Head Blight (FHB) infection is highly influenced by the environment and heading date. Under high levels of FHB all varieties will sustain damage. Moderately Resistant (MR) and Resistant (R) ratings for FHB do not equate to immunity. Varieties rated Intermediate (I) to Susceptible (S) for bunt should be treated with a systemic seed treatment to reduce the potential for infection. VB - designates a varietal blend to preserve the Sm1 orange wheat blossom midge tolerance gene. Protected by PBR (UPOV 78), (a) = Protected by PBR (UPOV 91), (b)* = pending PBR protection, and VUX = Variety Use Agreement applied (http://seeds-canada.ca/variety-use-agreement/). XX - Insufficient data to describe. Flagged for possible removal in 2024.

CANADA NORTHERN HARD RED WHEAT

| | | | | (% | ategory AAC idon): | | | Agrono | omic Ch | aracteris | tics: | | | Dis | ease Tol | erance: |
|---------------------|-----------------------------------|---|------------------|------------------------|--------------------------|---|---------------------|---------------------------|------------|----------------|---------------|--------------|----------------|------|----------------|------------------------------|
| | | | | | | Matu- | | | | | | Resist | ance to: | | | |
| Variety | Most Recent Year of Testing | Overall Station Years of Testing | Overall Yield | Low < 77 (bu/ac) | High ≥ 77 (bu/ac) | rity Rating (Days +/- AAC Brandon) | Pro- tein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Awns (Y/N) | Lodg- ing | Sprout- ing | Bunt | Stripe Rust | Fusari- um Head Blight |
| | | | Yiel | d and ag | ronomic d | ata only direct | ly comp | arable to | AAC Br | andon | | | | | | |
| AAC Brandon (bu/ac) | | | 78 | 59 | 97 | | | | | | | | | | | |
| AAC Brandon 🗆 | 2022 | 99 | 100 | 100 | 100 | 104 | 13.9 | 63 | 40 | 84 | Υ | G | P | S | MR | MR |
| AC Foremost | 2019 | 37 | 103 | 100 | 105 | -1 | -1.6 | 62 | 42 | 75 | Υ | VG | F | R | S | S |
| Muchmore* † ⊗ | 2011 | 24 | 96 | 94 | XX | 0 | -0.9 | 63 | 37 | 75 | Υ | VG | G | R | MR | MS |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. *On Aug. 1, 2021 the CWRS variety, Muchmore, was reclassified to the CNHR class. For more information see the Canadian Grain Commission website www.grainscanada.gc.ca. Fusarium Head Blight (FHB) infection is highly influenced by the environment and heading date. Under high levels of FHB all varieties will sustain damage, Moderately Resistant (MR) and Resistant (R) ratings for FHB do not equate to immunity. Varieties rated Intermediate (I) to Susceptible (S) for bunt should be treated with a systemic seed treatment to reduce the potential for infection. 🏟 = Protected by PBR (UPOV 78). XX - Insufficient data to describe. † Flagged for possible removal in 2024.

CANADA WESTERN SPECIAL PURPOSE WHEAT

| | | | | (% | Category AAC ndon) | | | Agronon | nic Char | acteristics | : | | | Dise | ease Tole | rance: |
|-------------------------|------------------------------|--------------------------------|------------------|---------------------|--------------------------|-------------------------------------|----------------|---------------------------|------------|----------------|---------------|--------------|----------------|------|----------------|-----------------------|
| | Most | Overall | | Low | | Relative Ma- | | | | | | Resis | tance to: | | | Fusar- |
| Variety | Recent Year of Testing | Station Years of Testing | Overall Yield | < 77 (bu/ ac) | High ≥ 77 (bu/ ac) | turity (Days +/- AAC Brandon) | Protein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Awns (Y/N) | Lodg- ing | Sprout- ing | Bunt | Stripe Rust | ium Head Blight |
| | | | Yie | eld and | agronomic | c data only dire | ctly compa | arable to A | AAC Brai | ndon | | | | | | |
| AAC Brandon (bu/ac) | | | 83 | 50 | 93 | | | | | | | | | | | |
| AAC Brandon ® | 2022 | 41 | 100 | 100 | 100 | 104 | 14.0 | 63 | 40 | 84 | Υ | G | Р | S | MR | MR |
| AAC Awesome VB 🕲 | 2018 | 37 | 128 | 124 | 129 | 0 | -2.5 | 62 | 44 | 92 | Υ | G | Р | 1 | R | 1 |
| Alderon | 2018 | 37 | 128 | 116 | 131 | 4 | -2.8 | 58 | 41 | 81 | N | VG | F | MS | MR | MS |
| Pasteur | 2021 | 41 | 120 | 115 | 122 | 3 | -2.0 | 61 | 41 | 85 | N | VG | G | S | MR | 1 |
| Sparrow VB ⁺ | 2018 | 37 | 128 | 122 | 130 | 4 | -2.6 | 60 | 41 | 85 | N | VG | G | - 1 | MR | MR |
| WPB Whistler ® | 2021 | 27 | 120 | 113 | 122 | 3 | -2.6 | 59 | 41 | 78 | N | VG | G | ı | R | MS |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. Fusarium Head Blight (FHB) infection is highly influenced by the environment and heading date. Under high levels of FHB all varieties will sustain damage. Moderately Resistant (MR) and Resistant (R) ratings for FHB do not equate to immunity. Varieties rated Intermediate (I) to Susceptible (S) for bunt should be treated with a systemic seed treatment to reduce the potential for infection. VB - designates a varietal blend to preserve the Sm1 orange wheat blossom midge tolerance gene. 🚳 = Protected by PBR (UPOV 78), (9) = Protected by PBR (UPOV 91). XX - Insufficient data to describe. † Flagged for possible removal in 2024.

CANADA WESTERN AMBER DURUM WHEAT

| | | | | Yield Ca (% Stro | | | A | gronomic | Charact | eristics: | | | Dis | ease Tole | rance: |
|---------------------|--------------------------------|--------------------------------|------------------|------------------------|--------------------------|--|----------------|---------------------------|------------|----------------|--------------|----------------|------|----------------|--------------------------|
| | | Overall | | | | Matu- | | _ | | | Resist | ance to: | | | Fu- |
| Variety | Most Recent Year of Testing | Station Years of Testing | Overall Yield | Low < 77 (bu/ac) | High ≥ 77 (bu/ ac) | rity Rating (Days +/- Strongfield) | Protein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Lodg- ing | Sprout- ing | Bunt | Stripe Rust | sarium Head Blight |
| | | | Yie | eld and ag | ronomic da | ta only directly | comparab | le to Stron | gfield | | | | | | |
| Strongfield (bu/ac) | | | 68 | 54 | 100 | | | | | | | | | | |
| Strongfield † 🕲 | 2022 | 177 | 100 | 100 | 100 | 107 | 14.5 | 62 | 44 | 86 | F | F | MR | MR | S |
| AAC Congress ® | 2017 | 18 | 102 | 101 | 102 | 1 | -0.5 | 63 | 44 | 86 | Р | Р | R | R | MS |
| AAC Donlow ® | 2022 | 19 | 111 | 112 | 108 | 1 | -0.5 | 63 | 42 | 86 | G | G | R | R | MS |
| AAC GoldNet® | 2022 | 24 | 108 | 108 | 109 | 1 | 0.0 | 62 | 43 | 90 | G | G | R | R | S |
| AAC Grainland ® | 2020 | 11 | 97 | 97 | XX | 1 | -0.5 | 62 | 43 | 86 | F | G | R | R | MS |
| AAC Schrader ®* | 2022 | 16 | 111 | 111 | 110 | 1 | -0.2 | 62 | 42 | 90 | G | F | MR | R | 1 |
| AAC Spitfire ® | 2016 | 21 | 98 | 98 | XX | 0 | -0.6 | 61 | 46 | 83 | G | F | R | R | S |
| AAC Stronghold ® | 2022 | 26 | 104 | 101 | 108 | 1 | -0.4 | 63 | 44 | 84 | VG | G | 1 | MR | MS |
| AAC Succeed VB ® | 2019 | 11 | 103 | 105 | XX | 0 | 0 | 63 | 45 | 88 | F | F | R | - 1 | MS |
| AAC Weyburn VB ®* | 2022 | 28 | 107 | 110 | 102 | 1 | -0.9 | 62 | 43 | 86 | F | G | R | R | MS |
| AC Navigator | 2007 | 25 | 95 | 97 | 93 | 2 | -0.6 | 63 | 45 | 77 | F | G | R | R | S |
| Brigade 🕲 | 2020 | 75 | 102 | 102 | 100 | 2 | -0.8 | 63 | 46 | 93 | F | F | R | MR | MS |
| CDC Alloy ® | 2019 | 17 | 98 | 97 | 99 | 1 | -0.1 | 63 | 43 | 87 | F | F | R | R | MS |
| CDC Covert ® | 2022 | 21 | 108 | 110 | 104 | 0 | -0.4 | 62 | 40 | 86 | G | G | R | R | S |
| CDC Credence ® | 2019 | 11 | 102 | 104 | XX | 1 | -0.5 | 63 | 42 | 92 | F | F | R | MR | MS |
| CDC Defy ® | 2021 | 18 | 105 | 106 | 102 | 0 | -1.0 | 63 | 42 | 90 | G | F | R | 1 | MS |
| CDC Dynamic ® | 2018 | 14 | 94 | 94 | 94 | 0 | 0.4 | 62 | 43 | 88 | F | G | R | MR | MS |
| CDC Flare | 2021 | 11 | 104 | 99 | XX | 0 | -0.6 | 62 | 44 | 86 | VG | F | R | MR | MS |
| CDC Fortitude ® | 2015 | 26 | 103 | 103 | 103 | 1 | -0.8 | 63 | 45 | 83 | F | F | R | R | MS |
| CDC Vantta ®* | 2022 | 9 | 102 | XX | XX | 4 | -0.7 | 62 | 42 | 76 | VG | G | R | R | MS |
| Transcend 🕲 | 2022 | 55 | 101 | 102 | 99 | 1 | 0.2 | 62 | 42 | 92 | F | G | R | R | MS |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. Generally, durum wheat is best adapted to southern Alberta. Outside of this area, durum tends to be late maturing and often subject to quality loss. Durum varieties are generally more susceptible to Fusarium Head Blight than CWRS wheat varieties. AAC Grainland, AAC Stronghold, CDC Fortitude and AAC Weyburn VB have a solid stem that confers resistance to the wheat stem sawfly. VB - designates a varietal blend to preserve the Sm1 orange wheat blossom midge tolerance gene. CDC Flare is tolerant to the Clearfield herbicides Adrenalin SC and Altitude FX. New registrations and insufficient data to describe: AAC Antler (DT2015).

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CANADA WESTERN SOFT WHITE SPRING WHEAT

| | | | | | ategory Brandon): | | | Ag | ronomi | c Charact | eristics: | | | Dis | ease Tol | erance: |
|---------------------|---------------------------|--------------------------------|-------|-------------|----------------------|--|--------------|----------------|----------|-----------|-----------|---------|-----------|------|----------|------------------|
| | Most Recent Year of | Overall Station Years of | Over- | Low < 77 | High ≥ 77 | Matu- rity Rating (Days +/- AAC | Pro- tein | Test Weight | TKW | Height | Awns | | ance to: | | Stripe | Fusarium Head |
| Variety | Testing | Testing | Yield | (bu/ac) | (bu/ac) | Brandon) | (%) | (lb/bu) | (g) | (cm) | (Y/N) | Lodging | Sprouting | Bunt | Rust | Blight |
| | | | | YIE | eld and agr | onomic data o | nly dire | ctly comp | arable t | o AAC Bra | ndon | | | | | |
| AAC Brandon (bu/ac) | | | 83 | 54 | 94 | | | | | | | | | | | |
| AAC Brandon 🗆 | 2022 | 57 | 100 | 100 | 100 | 104 | 14.0 | 64 | 40 | 84 | Υ | G | P | S | MR | MR |
| AAC Chiffon VB ® | 2015 | 39 | 125 | XX | XX | 0 | -3.5 | 62 | 46 | 97 | Υ | G | Р | S | MR | S |
| AAC Indus VB + (9) | 2017 | 34 | 130 | 120 | 134 | 2 | -3.3 | 61 | 42 | 93 | Υ | VG | Р | MS | R | MS |
| AAC Paramount VB ® | 2019 | 39 | 125 | 116 | 127 | 0 | -3.0 | 61 | 41 | 89 | Υ | VG | Р | S | R | MS |
| AC Andrew | 2022 | 57 | 119 | 113 | 122 | 1 | -3.1 | 62 | 40 | 85 | Υ | VG | Р | S | - 1 | 1 |
| Sadash VB 🕲 | 2019 | 39 | 125 | 118 | 127 | 0 | -3.2 | 63 | 40 | 88 | Υ | VG | Р | S | R | S |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. Varieties rated Intermediate (I) to Susceptible (S) for bunt should be treated with a systemic seed treatment to reduce the potential for infection. VB - designates a varietal blend to preserve the Sm1 orange wheat blossom midge tolerance gene. Plant Breeders Rights: 💩 = Protected by PBR (UPOV 78), 🕚 = Protected by PBR (UPOV 91). XX - Insufficient data to describe. † Flagged for possible removal in 2024.

MALTING BARLEY

| | | | | | | Yield Ca (% C Cope | DC | А | gronomic | Charact | teristics: | | | | Dis | sease To | olerance | e: | |
|----------------------|-----------|------|---------------------------|--------------------------------|---------|--------------------------|-----------------------|---|----------------|---------|------------|--------------------------------|-------|-------|-------|----------|----------|--------|-------------|
| | 2 or 6 | Awn | Most Recent Year of | Overall Station Years of | Overall | Low < 113 | High ≥ 113 (bu/ | Maturity Rating (Days +/- CDC Cope- | Test Weight | TKW | Height | Resis- tance to Lodg- | Loose | Other | | Net E | Blotch: | Spot | Fusarium |
| Variety | row | Туре | Testing | Testing | Yield | (bu/ac) | ac) | land) | (lb/bu) | (g) | (cm) | ing | Smut | Smuts | Scald | form | form | Blotch | Head Blight |
| | | | | | Yi | ield and ag | ronomic (| data only dir | ectly comp | arable | to CDC C | opeland | | | | | | | |
| CDC Copeland (bu/ac) | | | | | 110 | 83 | 135 | | | | | | | | | | | | |
| CDC Copeland | 2 | R | 2022 | 182 | 100 | 100 | 100 | 98 | 51 | 50 | 84 | F | MS | - 1 | S | - 1 | - 1 | S | 1 |
| AAC Connect ® | 2 | R | 2019 | 48 | 101 | 102 | 100 | -1 | 51 | 50 | 80 | G | S | R | S | MR | - 1 | MR | MR |
| AAC Prairie ®* | 2 | R | 2022 | 23 | 103 | 105 | 102 | 0 | 52 | 50 | 79 | F | S | MR | MS | - 1 | MR | - 1 | 1 |
| AAC Synergy 🕲 | 2 | R | 2022 | 65 | 106 | 110 | 105 | 0 | 52 | 51 | 80 | F | S | - 1 | S | R | MR | R | I |
| AB BrewNet ® | 2 | R | 2022 | 49 | 107 | 106 | 107 | 3 | 50 | 50 | 86 | G | MS | MR | - 1 | - 1 | MS | - 1 | MR |
| AC Metcalfe | 2 | R | 2021 | 159 | 98 | 100 | 96 | 0 | 52 | 48 | 79 | F | R | 1 | S | 1 | S | I | 1 |
| CDC Bow (9) | 2 | R | 2016 | 38 | 101 | 102 | 100 | 0 | 51 | 48 | 77 | VG | S | - 1 | MS | MR | S | - 1 | 1 |
| CDC Churchill ® | 2 | R | 2020 | 32 | 110 | 107 | 111 | 0 | 52 | 49 | 74 | G | MS | MR | S | MR | MR | I | MS |
| CDC Copper ® | 2 | R | 2020 | 32 | 108 | 118 | 106 | -1 | 51 | 49 | 72 | G | - 1 | MR | MR | MR | MR | 1 | MS |
| CDC Fraser ® | 2 | R | 2017 | 37 | 106 | 107 | 105 | 0 | 51 | 49 | 76 | G | R | MR | MS | MR | MR | R | I |
| CDC Goldstar (9) | 2 | R | 2019 | 34 | 108 | 109 | 107 | -1 | 53 | 49 | 86 | G | - 1 | R | S | MR | - 1 | - 1 | MS |
| CDC PlatinumStar ® | 2 | R | 2016 | 38 | 103 | 105 | 100 | 0 | 53 | 49 | 82 | F | S | R | S | MR | 1 | S | MR |
| Cerveza † 🕲 | 2 | R | 2011 | 39 | 106 | 105 | 106 | 0 | 51 | 46 | 74 | F | R | R | S | MR | MS | R | 1 |
| Legacy † | 6 | SS | 2007 | 55 | 99 | 97 | 101 | -2 | 49 | 39 | 82 | G | ı | MR | S | MR | S | MR | MS |
| RGT Planet ®*vua | 2 | R | 2022 | 17 | 112 | 118 | 109 | 2 | 51 | 54 | 72 | G | NT | NT | NT | NT | NT | NT | NT |
| Torbellino | 2 | R | 2022 | 26 | 106 | 112 | 103 | 2 | 50 | 52 | 69 | G | S | R | ı | MS | MS | MS | S |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. In 2021 the check cultivar was changed to CDC Copeland. All previously tested varieties were adjusted relative to CDC Copeland based on the relative difference between AC Metcalfe and CDC Copeland since 1999. Varieties rated Intermediate (I) to Susceptible (S) for smuts should be treated with a systemic seed treatment to reduce the potential for infection. The Canadian Malting Barley Technical Centre (CMBTC) evaluates and recommends malting barley varieties for industry acceptance. Please refer to the 2022-2023 CMBTC Recommended Malt Barley Variety List for more information. Protected by PBR (UPOV 78), Perotected by PBR (UPOV 91), Perotect

FEED AND FOOD BARLEY

| Variety Var | | | | | | | (% (| ategory CDC land) | | Agronomic | Charac | teristics: | | | | Disea | ase Tole | rance: | | |
|---|---------------------|------|------|-------------------|---------------------|-----|---------------|-------------------------|-------------------------------------|-----------|----------|------------|----------------------|-------|---------|-------|----------|--------|---------|---------------------------------|
| CDC Copeland (bulker) | Variety | 6 | | Recent Year of | Station Years of | all | < 113 (bu/ | ≥ 113 (bu/ | Rating (Days +/- CDC Cope- | Weight | | - | tance to Lodg- | | | Scald | Spot | Net | | Fu- sarium Head Blight |
| CDC Copeland (bu/ac) 110 83 135 CDC Copeland 2 R 2022 182 100 100 100 98 51 50 84 F MS I S I I S I S AB Advantage (c) 6 S 2020 32 108 104 110 1 50 50 85 6 MR I I I I MR MS I S AB AB Advantage (c) 6 S S 2021 29 103 100 104 -1 50 45 89 G I R I MR I MR MS R I MAB AB Happe (c) 2 R 2022 39 111 110 111 2 52 52 51 85 F S R I I MB MS I S AB AB Happe (c) 2 R 2022 29 114 122 111 2 52 52 51 85 F S R I I MB MS I S AB AB AB MAB AB A | variety | 1011 | турс | resuing | resung | | | • | | | | | | Sinut | Siliuts | Jeanu | 101111 | 101111 | Dioteir | Blight |
| CDC Copeland 2 R 2022 182 100 100 100 98 51 50 84 F MS I S I I S I S I S AB Abdwantage @ 6 S 2020 32 108 104 110 1 50 50 50 95 G MR I I I I MS I S AB Abdwantage @ 6 S S 2021 29 103 100 104 -1 50 45 89 G I R I MR MS R S AB | CDC Copeland (bu/ac | :) | | | | | | | , | | Julu 2.0 | 0200 | opolalia | | | | | | | |
| AB Cattlelac θ 6 SS 2021 29 103 100 104 -1 50 45 89 G I R I MR MS R S AB Hague θ' 2 R 2022 38 111 110 111 2 52 52 50 84 G MR R I I I I I I I I MR AB Prime θ' 2 R 2022 29 114 122 111 2 52 51 85 F S R I I I MR MS I AB AB Prime θ' 2 R 2021 24 108 106 109 0 50 45 82 G MR MR I I I MS I S AB AB Wrangler θ 2 R 2021 30 107 110 105 0 52 50 78 F MS MR MS I I MR MS I MR AC Canager † 6 S 2003 48 104 XX XX 1 1 49 43 74 F MS I MS MR MS I I MR M AC Canager † 6 S 2015 32 103 101 105 0 52 49 77 G MR MR MS I I MR I MR S S MR I I MR MS S MR MS MS I I I MR MS S MS MS I MS MS I MS MS MS MS I MS MS MS MS I MS MS I MS MS I MS MS MS I MS MS I MS MS MS I MS MS I MS MS I MS MS MS I MS MS I MS MS I MS MS MS I MS MS I MS MS I MS MS MS I MS MS MS I MS MS I MS MS I MS MS I MS MS MS I MS MS I MS MS MS I MS MS MS I MS MS I MS MS MS MS MS I MS MS MS MS I MS MS MS I MS I MS MS MS I MS MS MS I MS | | | R | 2022 | 182 | 100 | 100 | 100 | 98 | 51 | 50 | 84 | F | MS | 1 | S | 1 | 1 | S | 1 |
| AB Hague Θ** 2 R 2022 38 111 110 111 2 52 50 84 G MR R I I I I I I MR AB Prime Θ** 2 R 2022 29 114 122 111 2 52 51 85 F S R I I MR I AB Prime Θ** 2 R 2022 29 114 122 111 2 52 51 85 F S R I I MR I I MR I AB Prime Θ** 2 R 2021 30 107 110 105 0 50 45 82 G MR MR II I MS II S AB Wrangler Θ 2 R 2021 30 107 110 105 0 52 50 78 F MS MR MS I I MS MR II MR AC Ranger ** 6 S 2003 48 104 XX XX 11 49 43 74 F MS II MS MR II MS MR II MR S AMAR ** Θ I I MR I MR S AMAR ** Θ I I MR I MR S II MR II MR S AMAR ** Θ I I MR II M | AB Advantage ® | 6 | S | 2020 | 32 | 108 | 104 | 110 | 1 | 50 | 50 | 95 | G | MR | ı | ı | ı | MS | ı | S |
| AB Hague Θ" 2 R 2022 38 111 110 111 2 52 50 84 6 MR R I I I I I I MR AB Prime Θ" 2 R 2022 29 114 122 111 2 52 51 85 F S R I I I MR I I AB Prime Θ" 2 R 2022 29 114 122 111 2 52 51 85 F S R I I I MR I I AB Prime Θ" 2 R 2021 30 107 110 105 0 50 45 82 G MR MR MR I I I MS I 3 4 AB Wrangler Θ 2 R 2021 30 107 110 105 0 52 50 78 F MS MR MS I I MS MR I I MR A AR Ranger * 6 S 2003 48 104 XX XX 1 1 49 43 74 F MS I MS MR MS I I MR I MR A AR Ranger * 6 S 2003 48 104 XX XX 1 1 49 43 74 F MS I MS MR MR S I I MR I MR S AM AINTERNATION OF SET O | | 6 | SS | 2021 | 29 | 103 | 100 | 104 | -1 | 50 | 45 | 89 | G | 1 | R | - 1 | MR | MS | R | S |
| AB Prime Θ* 2 R 2022 29 114 122 111 2 52 51 85 F S R I I MR I 1 AB Prime Θ* 2 R 2021 24 108 106 109 0 50 45 82 G MR MR I I I MR I I AB Prime Θ* 2 R 2021 30 107 110 105 0 52 50 78 F MS MR MS I I MR MS I AB | | 2 | R | 2022 | 38 | 111 | 110 | 111 | 2 | 52 | 50 | 84 | G | MR | R | 1 | ı | 1 | ı | MR |
| AB Wrangler Θ 2 R 2021 30 107 110 105 0 52 50 78 F MS MR MS I I MR M AC Ranger 1 6 S 2003 48 104 XX XX 1 49 43 74 F MS I MS MR I MS I MR MS I MS I | - | 2 | R | 2022 | 29 | 114 | 122 | 111 | 2 | 52 | 51 | 85 | F | S | R | ı | ı | MR | 1 | 1 |
| AC Ranger † 6 S 2003 48 104 XX XX 1 49 43 74 F MS I MS MR I MR S Altorado Θ 2 R 2019 60 110 109 110 0 52 49 77 G MR MR S I S S Amisk † Θ 6 SS 2015 32 103 101 105 0 49 46 69 VG S MS I MR I MR I MR S Bighorn Θ 2 R 2022 38 113 117 111 1 53 54 84 F I R S I I I I I Brahma Θ 2 R 2014 67 109 108 110 0 53 47 74 G MS R S I I I S Camore Θ 2 R 2015 33 103 101 105 0 52 49 73 G R R MR MR MS I Cantu Θ 2 R 2022 38 116 122 114 2 53 53 84 G I R S I I I I CDC Austenson Φ 2 R 2022 87 107 106 108 2 52 51 80 G S R S R MS MR I I CDC Cooliition Φ 2 R 2008 61 92 93 92 1 52 55 103 F MS MR MS MR I I CDC Cowboy Φ 2 R 2022 31 112 108 113 3 52 51 79 G S R MS MR I I CDC Covering Θ 2 R 2023 31 112 108 113 3 52 51 79 G S R MS MR I I CDC Covering Θ 2 R 2009 88 101 100 102 41 52 50 80 G MS R MS R I I CDC Renegade Θ 2 R 2009 88 101 100 102 41 52 50 80 G S R S R S R I I I CDC Renegade Θ 2 R 2007 53 91 89 93 44 52 52 55 80 G I I S MR S R I I CONLON Φ 2 R 2007 53 91 89 93 44 52 52 55 80 G I I S MR S R I I CONLON Φ 2 R 2007 53 91 89 93 44 52 52 55 80 G I I S MR S R I I CONLON Φ 2 R 2007 53 91 89 93 44 52 52 55 80 G I I S MR S R I I CONLON Φ 2 R 2007 53 91 89 93 44 52 52 56 80 G I I S MR S R I I CONLON Φ 2 R 2022 36 115 119 112 1 51 53 54 83 F R R R MR MR S S I Esma Θ Y VIA | AB Tofield (9) | 6 | S | 2021 | 24 | 108 | 106 | 109 | 0 | 50 | 45 | 82 | G | MR | MR | ı | ı | MS | 1 | S |
| AC Ranger † 6 S 2003 48 104 XX XX 1 49 43 74 F MS I MS MR I MR S Altorado Θ 2 R 2019 60 110 109 110 0 52 49 77 G MR MR S I S S S Amisk + Θ 6 SS 2015 32 103 101 105 0 49 46 69 VG S MS I MR I MR I MR S Bighorn Θ 2 R 2022 38 113 117 111 1 53 54 84 F I R S I I I I I Brahma Φ 2 R 2014 67 109 108 110 0 53 47 74 G MS R S I I I S Brahma Φ 2 R 2015 33 103 101 105 0 52 49 73 G R R MR MR MS I I S Cammore Θ 2 R 2015 33 103 101 105 0 52 49 73 G R R MR MR MS I I I I I I S CAMMORE Θ 2 R 2015 33 103 101 105 0 52 49 73 G R R MR MR MS I I I I I I I I I I I I I I I I I I | AB Wrangler ® | 2 | R | 2021 | 30 | 107 | 110 | 105 | 0 | 52 | 50 | 78 | F | MS | MR | MS | ı | 1 | MR | MR |
| Amisk + ⊕ 6 SS 2015 32 103 101 105 0 49 46 69 VG S MS I MR I MR I MR S Bighorn ⊕ 2 R 2022 38 113 117 111 1 53 54 84 F I R S I I I I I S Brahma ♠ 2 R 2014 67 109 108 110 0 53 47 74 G MS R S I I S I S I I I I I S I I I S I I I S | - | 6 | S | 2003 | | 104 | XX | | 1 | 49 | 43 | 74 | F | MS | ı | | MR | 1 | MR | S |
| Bighom ⊕** 2 R 2022 38 113 117 111 1 53 54 84 F I R S I I I I S I Brahma ♠ 2 R 2014 67 109 108 110 0 53 47 74 G MS R S I I S S I I S S I C Canmore ⊕ 2 R 2015 33 103 101 105 0 52 49 73 G R R MR MR MS I C Cantu ⊕* 2 R 2022 38 116 122 114 2 53 53 84 G I R S I I I S S I C CDC Austenson ♠ 2 R 2022 87 107 106 108 2 52 51 80 G S R S R MS MR S I C CDC Coalition ♠ 2 R 2009 42 105 104 106 1 53 47 74 G R MR S MR S I I M S MR S I C CDC Coalition ♠ 2 R 2009 42 105 104 106 1 53 47 74 G R MR S MR S I I M S MR I I M S CDC CDC Cowboy ♠ 2 R 2008 61 92 93 92 1 52 55 103 F MS MR MS MR I I M S CDC CDC Cowboy ♠ 2 R 2022 31 112 108 113 3 52 51 79 G S R MS MS MR I I M S CDC CDC Cowboy ♠ 2 S 2013 31 92 88 96 1 54 55 98 F S R MS MR I I M S CDC CDC Cowboy ♠ 2 S 2013 31 92 88 96 1 54 55 98 F S R MS MR I I M S CDC CDC Trey ↑ 2 R 2009 88 101 100 102 -1 52 50 80 G MS R MS R I I M S M S MR I I M S M S MR I I M S M S M S M S M S M S M S M S M S | Altorado ® | 2 | R | 2019 | 60 | 110 | 109 | 110 | 0 | 52 | 49 | 77 | G | MR | MR | S | ı | S | S | 1 |
| Brahma | Amisk † ® | 6 | SS | 2015 | 32 | 103 | 101 | 105 | 0 | 49 | 46 | 69 | VG | S | MS | ı | MR | 1 | MR | S |
| Brahma | Bighorn ®* | 2 | R | 2022 | 38 | 113 | 117 | 111 | 1 | 53 | 54 | 84 | F | 1 | R | S | ı | 1 | ı | - 1 |
| Cantu 0" 2 R 2022 38 116 122 114 2 53 53 84 G I R S I I I I CDC Austenson 2 R 2022 87 107 106 108 2 52 51 80 G S R S R MS MR CDC Coalition 2 2 R 2009 42 105 104 106 1 53 47 74 G R MR S MR S I CDC Cowboy 2 2 R 2008 61 92 93 92 1 52 55 103 F MS MR MS MR I I M CDC Durango 0" 2 R 2022 31 112 108 113 3 52 51 79 G S R MS MS MR I CDC Maverick 2 S 2013 31 92 88 96 1 54 55 98 F S R MS MR I I M CDC Renegade 0" 2 S 2022 26 106 114 101 2 51 53 89 F I MR S MR I I M CDC Trey 1 2 R 2009 88 101 100 102 -1 52 50 80 G MS R MS R I I Claymore 0 2 R 2017 72 111 108 112 1 52 47 80 G S R S I S MS M CONLON 2 2 R 2022 26 115 119 112 1 51 53 68 VG NT | 3 | | R | 2014 | | | 108 | 110 | 0 | 53 | 47 | | G | MS | R | | ı | 1 | S | 1 |
| CDC Austenson 2 R 2022 87 107 106 108 2 52 51 80 G S R S R MS MR CDC Coalition 2 R 2009 42 105 104 106 1 53 47 74 G R MR S MR S I CDC Cowboy 2 R 2008 61 92 93 92 1 52 55 103 F MS MR MS MR I I M MS CDC Durango 2 R 2022 31 112 108 113 3 52 51 79 G S R MS MS MR I I M MS CDC Maverick 2 S 2013 31 92 88 96 1 54 55 98 F S R MS MR I I M MR CDC Renegade 2 S 2022 26 106 114 101 2 51 53 89 F I MR S MR I MS MR I I MS MS CDC Trey 2 R 2009 88 101 100 102 -1 52 50 80 G MS R MS R I I COLORNO 2 R 2017 72 111 108 112 1 52 47 80 G S R S I S MS MR I S MS M | Canmore (9) | 2 | R | 2015 | 33 | 103 | 101 | 105 | 0 | 52 | 49 | 73 | G | R | R | MR | MR | MS | ı | 1 |
| CDC Coalition 2 2 R 2009 42 105 104 106 1 53 47 74 G R MR S MR S I CDC Cowboy 2 2 R 2008 61 92 93 92 1 52 55 103 F MS MR MS MR I I M M CDC Durango 2 2 R 2022 31 112 108 113 3 52 51 79 G S R MS MR I I M M CDC Maverick 2 2 S 2013 31 92 88 96 1 54 55 98 F S R MS MR I I M M CDC Renegade 2 S 2022 26 106 114 101 2 51 53 89 F I MR S MR I MS MS MR I MS MS MR I MS MS MR I MS | Cantu ®* | 2 | R | 2022 | 38 | 116 | 122 | 114 | 2 | 53 | 53 | 84 | G | 1 | R | S | ı | 1 | ı | ı |
| CDC Coalition № 2 R 2009 42 105 104 106 1 53 47 74 G R MR S MR S I CDC Cowboy № 2 R 2008 61 92 93 92 1 52 55 103 F MS MR MS MR I I M CDC Durango № 2 R 2022 31 112 108 113 3 52 51 79 G S R MS MR I I CDC Maverick № 2 S 2013 31 92 88 96 1 54 55 98 F S R MS MR I I CDC Renegade № 2 S 2022 26 106 114 101 2 51 53 89 F I MR S MR I MS MR CDC Trey † 2 R 2009 88 101 100 102 -1 52 50 80 G MS R MS R I I Claymore № 2 R 2017 72 111 108 112 1 52 47 80 G S R S I S MS MR CONLON № 2 S 2022 26 115 119 112 1 51 53 68 VG NT | CDC Austenson @ | 2 | R | 2022 | 87 | 107 | 106 | 108 | 2 | 52 | 51 | 80 | G | S | R | S | R | MS | MR | - 1 |
| CDC Durango @* 2 R 2022 31 112 108 113 3 52 51 79 G S R MS MR I CDC Maverick @ 2 S 2013 31 92 88 96 1 54 55 98 F S R MS MR I I M CDC Renegade @* 2 S 2022 26 106 114 101 2 51 53 89 F I MR S MR I MS M CDC Trey † 2 R 2009 88 101 100 102 -1 52 50 80 G MS R MS R I I Claymore @ 2 R 2017 72 111 108 112 1 52 47 80 G S R S I S MS M CONLON @ 2 S 2007 53 91 89 93 -4 52 52 80 G I I S MR I S M CONLON @ 2 R 2022 26 115 119 112 1 51 53 68 VG NT NT NT NT NT NT NT NT NT Gadsby * D R 2 R 2012 34 109 110 108 0 53 51 83 F R R R MR MS S I LEX WS Kellie @* VUX 2 R 2022 26 119 126 115 3 50 52 65 VG NT | CDC Coalition ® | 2 | | 2009 | 42 | 105 | 104 | 106 | 1 | 53 | 47 | 74 | G | R | MR | S | MR | S | | ı |
| CDC Maverick ② 2 S 2013 31 92 88 96 1 54 55 98 F S R MS MR I I MS M CDC Renegade ②* 2 S 2022 26 106 114 101 2 51 53 89 F I MR S MR I MS M CDC Trey † 2 R 2009 88 101 100 102 -1 52 50 80 G MS R MS R I I Claymore ② 2 R 2017 72 111 108 112 1 52 47 80 G S R S I S MS M CONLON ③ 2 S 2007 53 91 89 93 -4 52 52 80 G I I S MR I S M CONLON ③ 2 R 2022 26 115 119 112 1 51 53 68 VG NT | CDC Cowboy ® | 2 | R | 2008 | 61 | 92 | 93 | 92 | 1 | 52 | 55 | 103 | F | MS | MR | MS | MR | 1 | 1 | MR |
| CDC Renegade ** 2 S 2022 26 106 114 101 2 51 53 89 F I MR S MR I MS M CDC Trey * 2 R 2009 88 101 100 102 -1 52 50 80 G MS R MS R I I I Claymore ** 2 R 2017 72 111 108 112 1 52 47 80 G S R S I S MS M CONLON ** 2 S 2007 53 91 89 93 -4 52 52 80 G I I S MR I S M CONLON ** 2 R 2022 26 115 119 112 1 51 53 68 VG NT | CDC Durango ®* | 2 | R | 2022 | 31 | 112 | 108 | 113 | 3 | 52 | 51 | 79 | G | S | R | MS | MS | MR | ı | ı |
| CDC Trey † 2 R 2009 88 101 100 102 -1 52 50 80 G MS R MS R I I I Claymore © 2 R 2017 72 111 108 112 1 52 47 80 G S R S I S MS M CONLON © 2 S 2007 53 91 89 93 -4 52 52 80 G I I S MR I S Esma ©* vux 2 R 2022 26 115 119 112 1 51 53 68 VG NT NT NT NT NT NT NT NT Gadsby * © 2 R 2012 34 109 110 108 0 53 51 83 F R R R MR MS S Ibex ©* 2 R 2022 38 110 113 109 1 53 54 83 G S R S I I I I KWS Kellie ©* vux 2 R 2022 26 119 126 115 3 50 52 65 VG NT NT NT NT NT NT NT | CDC Maverick 🗆 | 2 | S | 2013 | 31 | 92 | 88 | 96 | 1 | 54 | 55 | 98 | F | S | R | MS | MR | 1 | ı | MR |
| Claymore ② 2 R 2017 72 111 108 112 1 52 47 80 G S R S I S MS M CONLON ③ 2 S 2007 53 91 89 93 -4 52 52 80 G I I S MR I S M Esma ②* vua 2 R 2022 26 115 119 112 1 51 53 68 VG NT S I lbex ③* 2 R 2022 38 110 113 109 1 53 54 83 G S R S I I I I KWS Kellie ③* vua 2 R 2022 26 119 126 115 3 50 52 65 VG NT | CDC Renegade ®* | 2 | S | 2022 | 26 | 106 | 114 | 101 | 2 | 51 | 53 | 89 | F | 1 | MR | S | MR | 1 | MS | MR |
| CONLON (a) 2 S 2007 53 91 89 93 -4 52 52 80 G I I S MR I S MR I S MR Esma (a)* vux 2 R 2022 26 115 119 112 1 51 53 68 VG NT | CDC Trey † | 2 | R | 2009 | 88 | 101 | 100 | 102 | -1 | 52 | 50 | 80 | G | MS | R | MS | R | 1 | 1 | - 1 |
| Esma @* vua 2 R 2022 26 115 119 112 1 51 53 68 VG NT ST NT ST NT ST NT ST NT | Claymore ® | 2 | R | 2017 | 72 | 111 | 108 | 112 | 1 | 52 | 47 | 80 | G | S | R | S | 1 | S | MS | MR |
| Gadsby * № 2 R 2012 34 109 110 108 0 53 51 83 F R R R MR MS S bex ⊕* 2 R 2022 38 110 113 109 1 53 54 83 G S R S I I I I KWS Kellie ⊕* vua 2 R 2022 26 119 126 115 3 50 52 65 VG NT NT NT NT NT NT NT NT NT | CONLON 🕸 | 2 | S | 2007 | 53 | 91 | 89 | 93 | -4 | 52 | 52 | 80 | G | 1 | 1 | S | MR | 1 | S | MR |
| Ibex ⊕* 2 R 2022 38 110 113 109 1 53 54 83 G S R S I I I I KWS Kellie ⊕* vua 2 R 2022 26 119 126 115 3 50 52 65 VG NT | Esma 🖭* VUA | 2 | R | 2022 | 26 | 115 | 119 | 112 | 1 | 51 | 53 | 68 | VG | NT | NT | NT | NT | NT | NT | NT |
| KWS Kellie 💇 VUA 2 R 2022 26 119 126 115 3 50 52 65 VG NT NT NT NT NT NT NT NT | Gadsby † 🚳 | 2 | R | 2012 | 34 | 109 | 110 | 108 | 0 | 53 | 51 | 83 | F | R | R | R | MR | MS | S | - 1 |
| | lbex (*)* | 2 | R | 2022 | 38 | 110 | 113 | 109 | 1 | 53 | 54 | 83 | G | S | R | S | I | I | I | ı |
| 2. D 2040 72 400 40E 400 2 E2 E4 C7 VC C B C NB C NB C | KWS Kellie 🖭 VUA | 2 | R | 2022 | 26 | 119 | 126 | 115 | 3 | 50 | 52 | 65 | VG | NT | NT | NT | NT | NT | NT | NT |
| Ureana ש ע א פטו פטו פטו אטו ער פוט אט א א א ער פוס איז א א א א א טיי פער פטו אטו איז פוס א א א ער פוס א א א א | Oreana 🖲 | 2 | R | 2019 | 72 | 108 | 105 | 109 | 2 | 53 | 51 | 67 | VG | S | R | S | MR | S | ı | S |
| Sirish (2) 2 R 2020 48 111 111 111 1 52 49 70 VG S R MR MS MS MS MS | Sirish ® | 2 | R | 2020 | 48 | 111 | 111 | 111 | 1 | 52 | 49 | 70 | VG | S | R | MR | MS | MS | MS | MS |
| Sundre † 🕸 6 S 2007 51 109 106 113 1 51 43 86 G MS R R I S I S | Sundre † 🕲 | 6 | S | 2007 | 51 | 109 | 106 | 113 | 1 | 51 | 43 | 86 | G | MS | R | R | I | S | I | S |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. In 2021 the check cultivar was changed to CDC Copeland. All previously tested varieties were adjusted relative to CDC Copeland based on the relative difference between AC Metcaffe and CDC Copeland since 1999. Varieties rated Intermediate (I) to Susceptible (S) for smuts should be treated with a systemic seed treatment to reduce the potential for infection. New registrations and insufficient data to describe: RGT Asteroid, AB Standswell (SR18524) and AAC Lariat (TR19268). See Protected by PBR (UPOV 78), Potential of protection of the Potential of Protection of Standswell (Ntp://seeds-canada.ca/variety-use-agreement). XX - Insufficient data to describe. NT - Not tested for disease, until a full rating is generated assume that the variety is very susceptible to the disease. † Flagged for possible removal in 2024.

OATS

| | Most | Overall | | | Category Camden) | | Agro | nomic Cl | naracteristic | cs: | |
|-------------------|------------------------------|--------------------------------|------------------|----------------------|-----------------------|--|------------------------|------------|----------------|--------------------------|--------------------------|
| Variety | Recent Year of Testing | Station Years of Testing | Overall Yield | Low < 115 (bu/ac) | High ≥ 115 (bu/ac) | Maturity Rating (Days +/- CS Camden) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Resistance to Lodging | Tolerance to Smuts |
| MILLING | | | | | | | | | | | |
| | | | Yield and | d agronomic d | ata only directly | comparable to CS C | amden | | | | |
| CS Camden (bu/ac) | | | 123 | 89 | 149 | | | | | | |
| CS Camden (9) | 2022 | 76 | 100 | 100 | 100 | 100 | 40 | 41 | 99 | VG | 1 |
| AAC Douglas ® | 2021 | 21 | 101 | 99 | 102 | 0 | 39 | 43 | 101 | G | R |
| AAC Wesley ®* | 2022 | 21 | 98 | 96 | 99 | 1 | 40 | 40 | 94 | G | R |
| AC Morgan ® | 2022 | 42 | 106 | 104 | 107 | 1 | 41 | 43 | 104 | VG | I |
| CDC Arborg ® | 2022 | 30 | 107 | 106 | 107 | 0 | 41 | 41 | 108 | VG | R |
| CDC Endure ® | 2020 | 27 | 106 | XX | 106 | 0 | 41 | 41 | 105 | G | R |
| CDC Ruffian 🕲 | 2019 | 48 | 100 | 103 | 98 | 2 | 41 | 40 | 97 | F | R |
| Kalio 🖦 | 2022 | 9 | 94 | XX | XX | 1 | 40 | 39 | 98 | G | NT |
| ORe3542M ® | 2019 | 28 | 94 | 95 | 94 | 0 | 40 | 42 | 97 | VG | R |
| OReLevel48 ® | 2022 | 9 | 90 | XX | XX | 0 | 40 | 40 | 98 | G | R |
| FEED | | | | | | | | | | | |
| AC Mustang | 2019 | 51 | 103 | 105 | 102 | 1 | 43 | 41 | 120 | G | 1 |
| CDC Nasser | 2013 | 24 | 108 | 112 | 101 | 2 | 37 | 38 | 103 | G | MR |
| FORAGE | | | | | | | | | | | |
| CDC Baler | 2006 | 19 | 90 | 92 | 88 | 2 | 39 | 43 | 110 | XX | S |
| CDC Haymaker | 2015 | 22 | 95 | 98 | 88 | 2 | 39 | 46 | 111 | F | MR |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. In 2021 the check cultivar was changed to CS Camden. All previously tested varieties were adjusted relative to CS Camden based on the relative difference between CDC Dancer and CS Camden since 2014. Varieties rated Intermediate (I) to Susceptible (S) for the smuts should be treated with a systemic seed treatment to reduce the potential for infection. New registration and insufficient data to describe: OT7104, OT2134, CDC Anson (OT3112), and Kyron (CFA1207). 💩 = Protected by PBR (UPOV 78), 💬 = Protected by PBR (UPOV 91) and 💬 = pending PBR protection. NT - Not tested for disease, until a full rating is generated assume that is variety is very susceptible to the disease. XX - Insufficient data to describe.

SPRING TRITICALE

| | | | | Yield Ca (% Bre | | | Agro | onomic Cl | haracteristi | cs: | | D | isease To | lerance: |
|----------------|--------------------------------------|---|------------------|----------------------|--------------------------|--|---------------------------|------------|----------------|--------|-----------|----------------|-----------|-------------------------|
| Variety | Most Recent Year of Testing | Overall Station Years of Testing | Overall Yield | Low < 101 (bu/ac) | High ≥ 101 (bu/ac) | Matu- rity Rating (Days +/- Brevis) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Resist | Sprouting | Stripe Rust | Bunt | Fusarium Head Blight |
| - | | | | Yield | and agrond | omic data only | directly com | | to Brevis | | | | | |
| Brevis (bu/ac) | | | 107 | 75 | 139 | , | , , | | | | | | | |
| Brevis | 2022 | 120 | 100 | 100 | 100 | 107 | 60 | 46 | 93 | G | F | MR | R | 1 |
| AAC Delight | 2018 | 31 | 97 | 95 | 98 | 1 | 58 | 53 | 97 | G | Р | R | R | I |
| AB Stampeder ® | 2022 | 32 | 95 | 95 | 94 | -2 | 56 | 47 | 93 | G | F | R | R | MS |
| Bunker 🕲 | 2009 | 49 | 71 | XX | XX | 0 | 57 | 48 | 107 | F | F | MR | R | I |
| Pronghorn | 2011 | 120 | 80 | XX | XX | 0 | 55 | 43 | 98 | G | F | MR | R | MR |
| Sunray | 2013 | 33 | 89 | 92 | 85 | -1 | 57 | 45 | 94 | VG | F | MR | R | MS |
| Taza 🕲 | 2013 | 33 | 88 | 90 | 84 | 1 | 57 | 47 | 100 | G | F | MR | R | S |
| Tyndal 🕲 | 2020 | 23 | 91 | 84 | 96 | 1 | 57 | 42 | 102 | G | Р | MR | R | MS |

Remarks: For explanations on data summarization methods and other information, please see the comments in the introduction to the Regional Variety Trials. Brevis yields about 25 per cent more than CWRS wheat in areas of adaptation. AB Stampeder, AAC Delight, Bunker, Taza and Tyndal have heads with reduced-awns which may be beneficial when harvested as forage or silage. All varieties are susceptible to ergot. Current testing does not suitably differentiate genetically controlled resistance to ergot infection (varietal differences) from other factors such as weather, crop development stage, inoculum load and management. Description of the Protected by PBR (UPOV 78), PBR (UPOV 79), XX - Insufficient data to describe.

CANADA WESTERN RED WINTER WHEAT

| | | | | Yield C (% Ra | ategory diant) | | | Agrono | nic Chara | cteristics | s: | | | Disea | se Tolei | ance: | |
|-------------------|--------------------------------------|---|-----------------------------|-----------------------|------------------------|-------------------------|-----------------|-------------|---------------------------|------------|----------------|-------------------------------|----------------|--------------|--------------|-------|---------------------------------|
| Variety | Most Recent Year of Testing | Overall Station Years of Testing | Overall Yield (bu/ac) | Low <80 (bu/ac) | High >80 (bu/ac) | Winter Sur- vival | Maturity (d) | Protein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Resis- tance to Lodging | Stripe Rust | Leaf Rust | Stem Rust | Bunt | Fu- sarium Head Blight |
| | | | | Υ | ield and a | gronomic | data only | directly c | omparable | to Radi | ant | | | | | | |
| Radiant (bu/ac) | | | 76 | 61 | 95 | | | | | | | | | | | | |
| Radiant ® | 2022 | 279 | 100 | 100 | 100 | VG | 220 | 12 | 63 | 35 | 89 | VG | S | S | S | S | S |
| AAC Coldfront ®* | 2022 | 27 | 111 | 112 | 110 | VG | 0 | 0.4 | 64 | 34 | 83 | VG | R | MR | R | S | 1 |
| AAC Elevate † (9) | 2020 | 118 | 106 | 105 | 106 | G | -1 | -0.2 | 63 | 38 | 82 | VG | S | - 1 | MR | MR | 1 |
| AAC Gateway 🕲 | 2022 | 107 | 99 | 97 | 101 | F | -2 | 1.0 | 63 | 33 | 76 | VG | MR | - 1 | MR | S | 1 |
| AAC Goldrush ® | 2021 | 55 | 101 | 99 | 103 | VG | -2 | 0.6 | 63 | 35 | 85 | G | 1 | R | MR | S | 1 |
| AAC Network ®* | 2022 | 50 | 104 | 103 | 105 | VG | 1 | 0.7 | 63 | 32 | 76 | G | R | MR | R | MR | 1 |
| AAC Vortex ®* | 2022 | 42 | 105 | 107 | 102 | VG | -1 | 0.6 | 64 | 36 | 84 | VG | R | R | R | S | MR |
| AAC Wildfire ® | 2022 | 75 | 112 | 115 | 110 | VG | 2 | 0.2 | 64 | 38 | 85 | G | MR | 1 | S | MR | MR |
| Emerson † 🚳 | 2016 | 101 | 97 | 98 | 97 | G | 0 | 0.7 | 64 | 30 | 86 | VG | MR | - 1 | R | S | R |
| Moats † 🚳 | 2016 | 118 | 104 | 102 | 107 | G | -1 | 0.7 | 64 | 33 | 91 | F | MR | MR | R | MS | S |
| CANADA WESTERN | EXPERIMEN | ITAL | | | | | | | | | | | | | | | |
| | | | | Υ | ield and a | gronomic | data only | directly c | omparable | to Radi | ant | | | | | | |
| AAC Icefield | 2021 | 72 | 103 | 99 | 106 | F | -0 | -0.6 | 63 | 33 | 80 | G | MR | MR | R | S | 1 |
| CANADA WESTERN | SPECIAL PU | JRPOSE | | | | | | | | | | | | | | | |
| | | | | Y | ield and a | gronomic | data only | directly c | omparable | to Radi | ant | | | | | | |
| Pintail | 2016 | 79 | 108 | 106 | 110 | VG | -0 | -1.4 | 61 | 29 | 88 | F | MR | MS | MS | S | S |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. Winter wheat can be grown successfully in all areas of Alberta if seeded into standing stubble within the optimal seeding date period (generally before Sept. 15) and if there is adequate snowfall. Varieties with poor (P) winter survival are generally not suitable outside of southern Alberta. The long term average maturity for Radiant is 220 days after Jan. 1 (Aug. 8) and is considered to be late maturing. Fusarium head blight infection may be reduced if varieties with Intermediate (I) resistance or better are used and when recommended seeding dates are followed. Radiant and AAC Elevate have tolerance to the wheat curl mite, the vector for Wheat Streak Mosaic Virus. To preserve the effectiveness of the wheat curl mite tolerance gene, agronomic practices that eliminate the "green bridge" of plant material that serves as a reservoir for mites should be followed whenever possible. Fields in southern Alberta should be inspected in the fall for infestation by Russian wheat aphid, as it may reduce winter survival. AAC Wildfire expresses tolerance to some biotypes of Russian wheat aphid. Radiant and AAC Wildfire express bronze chaff at maturity. AAC Icefield, a hard white winter wheat, is eligible for experimental grades to facilitate market research under an Identity Preserved system. AAC Icefield expresses high milling yield of very white flour and good gluten strength at lower protein concentrations that may be of interest in some niche markets. For more information contact FP Genetics. Pintail has an awnless head which may improve palatability when harvested for forage or silage. New winter wheat registrations: AAC Coldfront (W601). 🕲 = Protected by PBR (UPOV 78), 🖄 = Protected by PBR (UPOV 91), and 💇 = pending PBR protection. † Flagged for possible removal in 2024.

FALL RYE

| | | | | | Yield Catego | ory (% Hazlet) | | Agronomic Characteristics: | | | | |
|---|-------------------------|--------------------------------|-------------------------------------|------------------|---------------------|----------------------|--------------------|----------------------------|------------|-------------------------|----------------|--------------------------|
| Variety | Hybrid or OP Variety | Most Recent Year of Testing | Overall Station Years of Testing | Overall Yield | Low < 95 (bu/ac) | High ≥ 95 (bu/ac) | Winter Survival | Test Weight (lb/bu) | TKW (g) | Falling Number (sec) | Height (cm) | Resistance to Lodging |
| Yield and agronomic data only directly comparable to Hazlet | | | | | | | | | | | | |
| Hazlet (bu/ac) | | | | 94 | 67 | 121 | | | | | | |
| Hazlet | OP | 2022 | 75 | 100 | 100 | 100 | EX | 59 | 38 | 168 | 106 | VG |
| Brasetto | Hybrid | 2016 | 20 | 123 | XX | 122 | EX | 59 | 35 | 267 | 96 | VG |
| KWS Bono | Hybrid | 2022 | 45 | 137 | 139 | 135 | EX | 59 | 34 | 250 | 94 | VG |
| KWS Daniello † | Hybrid | 2019 | 18 | 125 | 122 | 126 | VG | 59 | 35 | 271 | 94 | VG |
| KWS Gatano 🖦 | Hybrid | 2019 | 21 | 130 | 139 | 124 | EX | 59 | 33 | 253 | 91 | G |
| KWS Receptor | Hybrid | 2021 | 13 | 130 | 122 | XX | EX | 59 | 33 | 233 | 94 | VG |
| KWS Sandor | Hybrid | 2021 | 13 | 127 | 121 | XX | EX | 59 | 33 | 248 | 95 | VG |
| KWS Serafino ®* | Hybrid | 2022 | 28 | 133 | 132 | 135 | EX | 59 | 34 | 275 | 97 | VG |
| KWS Trebiano 🕪* | Hybrid | 2022 | 28 | 130 | 129 | 131 | EX | 59 | 36 | 250 | 99 | VG |
| Prima | OP | 2022 | 66 | 86 | 82 | 91 | EX | 58 | 33 | 208 | 118 | G |

Remarks: For explanations on data summarization methods and other information, please see the comments in the introduction to the Regional Variety Trials. Hazlet has lower viscosity which improves feed performance in monogastric livestock. Fall rye is generally more cold tolerant than winter wheat and winter triticale. The long term average heading and maturity dates for Hazlet are June 1 and Aug. 6, respectively. All fall rye varieties are similar for heading and maturity and are considered early. Sprouting is a major factor in marketing rye for milling and is generally measured using the Hagberg falling number test and is measured in seconds. Typically, a falling number of 180 seconds or greater is preferred by the rye milling market. Falling number is heavily influenced by moisture around harvest time so producers should ensure that rye is harvested in a timely manner, similar to wheat crops. There's considerable variation in fall rye varieties for falling number that should be considered if milling markets are targeted. All fall rye is susceptible to ergot, however KWS Daniello, KWS Gatano, KWS Serafino, KWS Tebiano, KWS Secoptor and KWS Sandor have reduced susceptibility for natural ergot infection. AFSC crop insurance deadlines for seeding fall rye is Sept. 20, north of the Bow River and Sept. 30, south of the Bow River. (b)* = pending PBR extention. protection. XX - Insufficient data to describe. † Flagged for possible removal in 2024.