

CANADA WESTERN RED SPRING WHEAT

| Variety | Most Recent Year of RVT Testing | Overall Station Years of Testing | Yield Category (% AAC Brandon) | | | Agronomic Characteristics: | | | | | | | | Disease Tolerance: | | | |
|---|---------------------------------|----------------------------------|--------------------------------|------------------|-------------------|--|-------------|---------------------|-----------|-------------|------------|---------------|-----------|----------------------|-----------|-------------|----------------------|
| | | | Overall Yield | Low < 77 (bu/ac) | High ≥ 77 (bu/ac) | Maturity Rating (Days +/- AAC Brandon) | Protein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Awns (Y/N) | Resistance to | | | Bunt | Stripe Rust | Fusarium Head Blight |
| | | | | | | | | | | | | Lodging | Sprouting | Fusarium Head Blight | | | |
| Yield and agronomic data only directly comparable to AAC Brandon | | | | | | | | | | | | | | | | | |
| AAC Brandon (bu/ac) | | | 76 | 58 | 96 | | | | | | | | | | | | |
| AAC Brandon - check ☼ | 2024 | 159 | 100 | 100 | 100 | 104 | 14.0 | 63 | 39 | 84 | Y | F | P | S | MR | MR | |
| AAC Broadacres VB ☼ | 2021 | 30 | 105 | 103 | 106 | 0 | -0.7 | 63 | 40 | 86 | Y | VG | F | R | MR | I | |
| AAC Connery ☼ | 2016 | 24 | 97 | 93 | 106 | -1 | 0.2 | 62 | 40 | 88 | N | VG | G | I | R | MR | |
| AAC Darby VB ☼ | 2024 | 26 | 90 | 85 | 94 | -2 | 0.5 | 62 | 36 | 91 | Y | F | VG | MS | R | I | |
| AAC Elie ☼ | 2020 | 15 | 103 | 105 | 100 | 0 | -0.5 | 64 | 39 | 84 | Y | F | F | I | MR | I | |
| AAC Hockley ☼ | 2024 | 42 | 99 | 96 | 102 | 1 | 0.1 | 64 | 35 | 82 | Y | VG | F | R | R | MR | |
| AAC Hodge VB ☼ | 2022 | 31 | 103 | 101 | 105 | -1 | -0.3 | 63 | 37 | 91 | Y | F | P | R | R | MR | |
| AAC LeRoy VB ☼ | 2021 | 29 | 100 | 101 | 99 | 0 | -0.2 | 63 | 39 | 88 | Y | G | G | I | MR | MR | |
| AAC Magnet ☼ | 2020 | 36 | 93 | 94 | 93 | -2 | 0.0 | 63 | 40 | 90 | Y | VG | P | S | I | MR | |
| AAC Redberry ☼ | 2017 | 37 | 94 | 94 | 94 | -3 | -0.3 | 63 | 41 | 90 | Y | F | VG | I | R | I | |
| AAC Redstar ☼ | 2022 | 31 | 96 | 92 | 101 | -2 | 0.0 | 63 | 36 | 90 | Y | VG | G | MR | MR | MR | |
| AAC Russell VB ☼ | 2021 | 30 | 104 | 103 | 104 | -1 | -0.2 | 63 | 39 | 87 | Y | VG | F | MR | R | MR | |
| AAC Spike ☼ * | 2024 | 35 | 97 | 96 | 98 | -2 | -0.4 | 63 | 36 | 76 | Y | VG | G | MR | R | MR | |
| AAC Starbuck VB ☼ | 2020 | 36 | 103 | 104 | 102 | 0 | -0.2 | 63 | 39 | 87 | Y | G | F | S | MR | MR | |
| AAC Stoughton VB ☼* | 2024 | 38 | 104 | 99 | 109 | 0 | -0.8 | 64 | 40 | 87 | Y | G | F | MR | I | MR | |
| AAC Tisdale + ☼ | 2017 | 37 | 94 | 94 | 94 | -1 | 0.6 | 63 | 42 | 93 | Y | F | F | MR | S | MR | |
| AAC Viewfield ☼ | 2024 | 94 | 102 | 98 | 105 | 0 | -0.3 | 63 | 37 | 80 | Y | VG | G | MR | R | I | |
| AAC Walker VB ☼* | 2024 | 32 | 101 | 98 | 104 | 0 | -0.3 | 63 | 36 | 81 | Y | G | VG | MR | R | MR | |
| AAC Walsh ☼ * | 2024 | 38 | 102 | 100 | 104 | 0 | 0.0 | 63 | 41 | 83 | Y | VG | G | MR | I | MR | |
| AAC Warman VB + ☼ | 2020 | 36 | 94 | 93 | 94 | -1 | -0.4 | 63 | 38 | 99 | Y | F | F | S | MS | MR | |
| AAC Westking ☼ * | 2024 | 38 | 102 | 99 | 104 | 0 | -0.1 | 63 | 41 | 82 | Y | VG | VG | R | I | MR | |
| AAC Wheatland VB ☼ | 2020 | 36 | 104 | 104 | 104 | 0 | -0.5 | 63 | 40 | 86 | Y | VG | VG | MR | I | I | |
| Carberry+ ☼ | 2021 | 59 | 94 | 92 | 95 | 0 | 0.1 | 63 | 39 | 84 | Y | VG | F | R | MR | MR | |
| CDC Abound CL® + ☼ | 2010 | 88 | 101 | 100 | 105 | -1 | -0.1 | 63 | 40 | 87 | Y | G | F | I | MS | S | |
| CDC Adamant VB ☼ | 2018 | 37 | 98 | 98 | 97 | -1 | -0.2 | 63 | 39 | 88 | Y | P | F | S | MS | I | |
| CDC Envy ☼ * | 2024 | 39 | 96 | 91 | 101 | -2 | -0.4 | 61 | 38 | 85 | Y | P | G | R | MR | I | |
| CDC Landmark VB ☼ | 2019 | 50 | 99 | 98 | 100 | -1 | -0.2 | 63 | 43 | 88 | Y | G | G | MS | MR | I | |
| CDC Ortona ☼ | 2020 | 36 | 99 | 98 | 100 | -1 | -0.4 | 63 | 35 | 93 | N | VG | VG | S | R | I | |
| CDC Pilar CLPlus ☼ | 2021 | 30 | 98 | 98 | 98 | -1 | -0.5 | 62 | 38 | 78 | Y | VG | VG | MR | MS | I | |
| CDC Silas ☼ | 2022 | 31 | 99 | 97 | 101 | 0 | -0.2 | 62 | 36 | 87 | Y | F | F | MS | I | I | |
| CDC SKRush ☼ | 2022 | 31 | 100 | 97 | 104 | -1 | -0.1 | 63 | 33 | 93 | Y | F | P | I | MR | MR | |
| CDC Succession CLPlus VB ☼ | 2021 | 30 | 101 | 102 | 101 | 0 | -0.4 | 62 | 41 | 86 | Y | VG | G | S | I | MS | |
| Donalda | 2024 | 28 | 94 | 89 | 98 | 0 | 0.4 | 63 | 37 | 86 | Y | VG | XX | MS | R | I | |
| Ellerslie ☼ | 2021 | 30 | 99 | 96 | 103 | -1 | -0.2 | 61 | 35 | 90 | N | VG | F | S | R | I | |
| Jake ☼ | 2020 | 36 | 94 | 93 | 96 | -2 | 0.6 | 63 | 37 | 93 | Y | F | F | MR | R | MS | |
| Garde ☼* VUA | 2024 | 27 | 95 | 92 | 97 | 1 | -0.7 | 62 | 34 | 75 | Y | VG | XX | I | R | I | |
| Parata + ☼ | 2019 | 37 | 87 | 86 | 88 | -4 | 0.2 | 63 | 39 | 94 | Y | F | F | S | MR | I | |
| Rednet ☼ | 2022 | 43 | 97 | 94 | 100 | 0 | 0.1 | 64 | 37 | 97 | Y | F | F | S | R | MR | |
| Sheba + ☼ | 2021 | 30 | 96 | 91 | 100 | -1 | -0.5 | 63 | 36 | 94 | N | G | G | MR | R | I | |
| Stettler + ☼ | 2020 | 90 | 97 | 98 | 97 | 0 | 0.1 | 63 | 38 | 92 | Y | F | G | MR | MR | MS | |
| SY Brawn VB + ☼ | 2021 | 30 | 99 | 95 | 102 | -1 | -0.1 | 62 | 35 | 91 | Y | G | G | MR | I | I | |
| SY Cast + ☼ | 2021 | 30 | 98 | 97 | 99 | -1 | 0.4 | 62 | 39 | 83 | Y | VG | G | R | R | I | |
| SY Crossite ☼ | 2021 | 30 | 100 | 101 | 99 | -1 | -0.3 | 62 | 40 | 90 | Y | G | G | MS | R | MR | |
| SY Gabbro ☼ | 2021 | 41 | 99 | 98 | 100 | -1 | 0.0 | 62 | 40 | 90 | Y | VG | F | I | I | MR | |
| SY Manness ☼ | 2022 | 31 | 98 | 94 | 103 | -1 | -0.4 | 62 | 33 | 81 | Y | VG | G | S | I | I | |
| SY Torach ☼ | 2021 | 30 | 99 | 97 | 101 | 0 | 0.4 | 63 | 33 | 80 | Y | VG | P | MS | MS | MR | |
| Tracker ☼ | 2020 | 36 | 94 | 93 | 95 | -2 | 0.0 | 63 | 35 | 90 | N | F | F | S | R | I | |

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. CDC Adamant VB, CDC Landmark VB and CDC Hughes VB have a semi-solid stem that confers resistance to the wheat stem sawfly. CL - CDC Abound, CDC Pilar CLPlus, and CDC Succession CLPlus VB are tolerant to the CLEARFIELD® herbicides Adrenalin SC and Altitude FX. VB - designates a varietal blend to preserve the *Sm1* orange wheat blossom midge tolerance gene. New registrations and insufficient data to describe: AAC Oakman VB (BW5104), AAC Craven VB (BW1127), Palisade (LAR19-22198), Baker (LAR19-23455), Breadwinner (LAR19-23465), Flame (LAR20-25463), Zealand. § = CGC grade assignments are TBA. ☼ = PBR Protection under UPOV 78, ☼ = PBR protection under UPOV 91, and ☼ = PBR application filed and subject to provisional protection. VUA = Variety Use Agreement applied (<http://seeds-canada.ca/variety-use-agreement/>). XX - Insufficient data to describe. + Flagged for possible removal in 2026.

CANADA WESTERN HARD WHITE SPRING WHEAT

| Variety | Most Recent Year of Testing | Overall Station Years of Testing | Yield Category (% AAC Brandon) | | | Agronomic Characteristics: | | | | | | | | Disease Tolerance: | | |
|--|-----------------------------|----------------------------------|--------------------------------|------------------|-------------------|--|-------------|---------------------|---------|-------------|------------|----------------|-----------|--------------------|----------------------|-------------|
| | | | Overall Yield | Low < 77 (bu/ac) | High ≥ 77 (bu/ac) | Maturity Rating (Days +/- AAC Brandon) | Protein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Awns (Y/N) | Resistance to: | | | Fusarium Head Blight | |
| | | | | | | | | | | | | Lodging | Sprouting | Bunt | | Stripe Rust |
| Yield and agronomic data only directly comparable to AAC Brandon | | | | | | | | | | | | | | | | |
| AAC Brandon (bu/ac) | | | 77 | 59 | 96 | | | | | | | | | | | |
| AAC Brandon - check ☞ | 2023 | 98 | 100 | 100 | 100 | 104 | 14.0 | 63 | 39 | 84 | Y | G | P | S | MR | MR |
| AAC Cirrus ☺ | 2019 | 37 | 93 | 91 | 96 | 0 | -0.2 | 62 | 42 | 91 | Y | G | F | I | MR | I |
| AAC Iceberg ☞ | 2014 | 37 | 90 | XX | XX | -1 | -0.6 | 63 | 46 | 102 | Y | G | F | R | S | I |
| AAC Tomkins ☺ | 2023 | 31 | 89 | 82 | 94 | 0 | 0.1 | 62 | 37 | 87 | Y | VG | F | MR | MS | I |
| AAC Whitehead VB ☺ | 2023 | 31 | 102 | 95 | 107 | 0 | -0.7 | 62 | 41 | 84 | Y | VG | F | R | MR | I |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. Errors were discovered in calculations of historical sprouting ratings; corrected sprouting ratings are now reported. 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. ☞ = PBR Protection under UPOV 78, ☺ = PBR protection under UPOV 91, and ☺* = PBR application filed and subject to provisional protection. XX - Insufficient data to describe.

CANADA PRAIRIE SPRING RED WHEAT

| Variety | Most Recent Year of RVT Testing | Overall Station Years of Testing | Yield Category (% AAC Brandon) | | | Agronomic Characteristics: | | | | | | | | Disease Tolerance: | | |
|--|---------------------------------|----------------------------------|--------------------------------|------------------|-------------------|--|-------------|---------------------|---------|-------------|------------|----------------|-----------|--------------------|----------------------|-------------|
| | | | Overall Yield | Low < 77 (bu/ac) | High ≥ 77 (bu/ac) | Relative Maturity (Days +/- AAC Brandon) | Protein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Awns (Y/N) | Resistance to: | | | Fusarium Head Blight | |
| | | | | | | | | | | | | Lodging | Sprouting | Bunt | | Stripe Rust |
| Yield and agronomic data only directly comparable to AAC Brandon | | | | | | | | | | | | | | | | |
| AAC Brandon (bu/ac) | | | 79 | 57 | 95 | | | | | | | | | | | |
| AAC Brandon ☞ | 2024 | 228 | 100 | 100 | 100 | 104 | 14.0 | 63 | 39 | 84 | Y | F | P | S | MR | MR |
| 5700PR | 2004 | 117 | 102 | XX | XX | -1 | -1.3 | 62 | 42 | 85 | Y | VG | F | R | S | MS |
| AAC Camrose VB ☺* | 2024 | 43 | 106 | 100 | 110 | 2 | -1.3 | 64 | 40 | 81 | Y | VG | XX | R | R | I |
| AAC Goodwin ☺ | 2024 | 35 | 104 | 103 | 105 | -1 | -0.5 | 65 | 40 | 86 | Y | G | VG | MS | R | I |
| AAC Penhold ☺ | 2024 | 115 | 101 | 97 | 104 | 0 | -0.7 | 64 | 43 | 77 | Y | VG | VG | R | I | MR |
| AAC Perform ☺ | 2023 | 30 | 105 | 100 | 107 | 2 | -1.6 | 63 | 40 | 88 | Y | G | P | I | MR | MS |
| AAC Rimbey VB ☺ | 2023 | 36 | 106 | 99 | 110 | 0 | -2.1 | 63 | 44 | 85 | Y | G | VG | I | R | I |
| AAC Westlock ☺ | 2023 | 36 | 106 | 101 | 108 | 1 | -1.3 | 64 | 44 | 86 | Y | G | G | R | R | MR |
| Accelerate ☺* VUA | 2022 | 45 | 106 | 102 | 108 | 0 | -1.1 | 63 | 35 | 80 | Y | G | P | S | R | I |
| CDC Reign ☺ | 2022 | 33 | 102 | 98 | 105 | 2 | -0.9 | 63 | 38 | 86 | Y | VG | VG | S | I | I |
| Recoil ☺* VUA | 2024 | 27 | 104 | 99 | 108 | 0 | -0.3 | 64 | 38 | 80 | Y | VG | XX | MS | R | I |
| SY Rorke ☺ | 2021 | 32 | 105 | 101 | 107 | 1 | -1.4 | 62 | 36 | 85 | Y | F | F | MS | S | I |
| UA Forefront ☺* | 2024 | 42 | 102 | 98 | 105 | 2 | -1.1 | 64 | 43 | 81 | Y | VG | F | I | 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. New registrations and insufficient data to describe: Fierce VB (LAR20-25760). ☞ = PBR Protection under UPOV 78, ☺ = PBR protection under UPOV 91, ☺* = PBR application filed and subject to provisional protection, and VUA = Variety Use Agreement applied (<http://seeds-canada.ca/variety-use-agreement/>). XX - Insufficient data to describe.

CANADA WESTERN SPECIAL PURPOSE WHEAT

| Variety | Most Recent Year of RVT Testing | Overall Station Years of Testing | Yield Category (% AAC Brandon) | | | Agronomic Characteristics: | | | | | | | | Disease Tolerance: | | | |
|--|---------------------------------|----------------------------------|--------------------------------|------------------|-------------------|--|-------------|---------------------|---------|-------------|------------|----------------|-----------|--------------------|------|-------------|----------------------|
| | | | Overall Yield | Low < 77 (bu/ac) | High ≥ 77 (bu/ac) | Relative Maturity (Days +/- AAC Brandon) | Protein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Awns (Y/N) | Resistance to: | | | Bunt | Stripe Rust | Fusarium Head Blight |
| | | | | | | | | | | | | Lodging | Sprouting | | | | |
| Yield and agronomic data only directly comparable to AAC Brandon | | | | | | | | | | | | | | | | | |
| AAC Brandon (bu/ac) | | | 81 | 54 | 92 | | | | | | | | | | | | |
| AAC Brandon ☼ | 2024 | 87 | 100 | 100 | 100 | 104 | 14.0 | 64 | 39 | 84 | Y | F | P | S | MR | MR | |
| AAC Awesome VB ☼ | 2024 | 49 | 122 | 113 | 126 | 1 | -2.3 | 63 | 44 | 91 | Y | F | P | I | R | I | |
| Alderon | 2018 | 37 | 125 | 114 | 129 | 4 | -2.8 | 58 | 41 | 81 | N | VG | F | MS | MR | MS | |
| Alotta ☼* | 2024 | 23 | 117 | 110 | 123 | 1 | -2.7 | 63 | 48 | 82 | Y | VG | XX | I | R | MS | |
| Pasteur | 2023 | 64 | 119 | 111 | 122 | 3 | -2.4 | 63 | 39 | 86 | N | VG | G | S | MR | I | |
| Sparrow VB † | 2018 | 37 | 126 | 120 | 128 | 4 | -2.6 | 60 | 41 | 85 | N | VG | G | I | MR | MR | |
| WPB Whistler † ☼ | 2021 | 27 | 120 | 113 | 122 | 3 | -2.6 | 60 | 40 | 78 | N | VG | F | I | 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. WPB Whistler has solid stems which provides protection against the wheat stem sawfly. VB - designates a varietal blend to preserve the *Sm1* orange wheat blossom midge tolerance gene. ☼ = PBR Protection under UPOV 78 and ☼* = PBR protection under UPOV 91, ☼* = PBR application filed and subject to provisional protection. XX - Insufficient data to describe. † Flagged for possible removal in 2026.

CANADA WESTERN SOFT WHITE SPRING WHEAT

| Variety | Most Recent Year of RVT Testing | Overall Station Years of Testing | Overall Yield | Yield Category (% AC Andrew): | | Maturity Rating (Days +/- AC Andrew) | Agronomic Characteristics: | | | | | | Disease Tolerance: | | | |
|--|---------------------------------|----------------------------------|---------------|-------------------------------|-------------------|--------------------------------------|----------------------------|---------------------|---------|-------------|------------|----------------|--------------------|------|-------------|----------------------|
| | | | | Low < 77 (bu/ac) | High ≥ 77 (bu/ac) | | Protein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Awns (Y/N) | Resistance to: | | Bunt | Stripe Rust | Fusarium Head Blight |
| | | | | | | | | | | | | Lodging | Sprouting | | | |
| Yield and agronomic data only directly comparable to AC Andrew | | | | | | | | | | | | | | | | |
| AC Andrew (bu/ac) | | | 94 | 63 | 112 | | | | | | | | | | | |
| AC Andrew | 2024 | 233 | 100 | 100 | 100 | 103 | 11.4 | 62 | 40 | 85 | Y | G | P | S | I | I |
| AAC Brandon ☼ | 2024 | 83 | 87 | 93 | 84 | 1 | 2.9 | 63 | 39 | 84 | Y | F | P | S | MR | MR |
| AAC Chiffon VB ☼ | 2015 | 42 | 104 | 105 | 104 | 0 | -0.5 | 62 | 46 | 97 | Y | F | P | S | MR | S |
| AAC Galore VB ☼* | 2024 | 40 | 108 | 110 | 107 | 0 | -0.5 | 63 | 44 | 88 | Y | G | XX | MS | MR | MS |
| AAC Paramount VB ☼ | 2019 | 39 | 103 | 101 | 103 | 0 | -0.7 | 61 | 41 | 89 | Y | VG | P | S | R | MS |
| Sadash VB ☼ | 2024 | 122 | 103 | 107 | 101 | -1 | -0.7 | 63 | 40 | 87 | Y | G | P | 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. In 2024, the check cultivar was changed to AC Andrew. All previously tested varieties were adjusted relative to AC Andrew. 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: ☼ = PBR Protection under UPOV 78 and ☼* = PBR protection under UPOV 91, ☼* = PBR application filed and subject to provisional protection. XX - Insufficient data to describe.

CANADA WESTERN AMBER DURUM WHEAT

| Variety | Most Recent Year of RVT Testing | Overall Station Years of Testing | Yield Category (% AAC Schrader) | | | Maturity Rating (Days +/- AAC Schrader) | Test | | | | Resistance to: | | Disease Tolerance: | | |
|---|---------------------------------|----------------------------------|---------------------------------|------------|------------|---|-------------|----------------|-----------|-------------|----------------|-----------|--------------------|-------------|----------------------|
| | | | Overall Yield | Low < 77 | High ≥ 77 | | Protein (%) | Weight (lb/bu) | TKW (g) | Height (cm) | Lodging | Sprouting | Bunt | Stripe Rust | Fusarium Head Blight |
| | | | | (bu/ac) | (bu/ac) | | | | | | | | | | |
| Yield and agronomic data only directly comparable to AAC Schrader | | | | | | | | | | | | | | | |
| AAC Schrader (bu/ac) | | | 74 | 58 | 111 | | | | | | | | | | |
| AAC Schrader ☺ | 2024 | 131 | 100 | 100 | 100 | 100 | 14.5 | 65 | 40 | 88 | F | F | MR | R | I |
| AAC Brigham VB ☺* | 2024 | 30 | 97 | 98 | 95 | 0 | -0.2 | 64 | 40 | 82 | G | XX | R | R | MS |
| AAC Congress ☺ | 2017 | 18 | 92 | 92 | 93 | 0 | -0.3 | 66 | 41 | 84 | P | F | R | R | MS |
| AAC Donlow ☺ | 2023 | 22 | 97 | 99 | 95 | 0 | -0.6 | 65 | 41 | 84 | F | G | R | R | MS |
| AAC GoldNet ☺ | 2022 | 24 | 97 | 96 | 98 | -1 | -0.1 | 65 | 42 | 88 | F | G | R | R | S |
| AAC Grainland ☺ | 2020 | 11 | 88 | 88 | XX | 0 | -0.3 | 64 | 39 | 83 | F | G | R | R | MS |
| AAC Stronghold ☺ | 2024 | 32 | 94 | 92 | 97 | -1 | -0.5 | 65 | 43 | 81 | VG | G | I | MR | MS |
| AAC Succeed VB + ☺ | 2019 | 11 | 94 | 95 | XX | -1 | 0.2 | 65 | 42 | 87 | F | F | R | I | MS |
| AAC Weyburn VB ☺ | 2022 | 35 | 96 | 98 | 91 | 1 | -0.7 | 65 | 41 | 84 | F | F | R | R | MS |
| Brigade + ☺ | 2020 | 95 | 94 | 94 | 92 | 1 | -0.3 | 64 | 42 | 90 | F | F | R | MR | MS |
| CDC Alloy ☺ | 2019 | 17 | 89 | 88 | 90 | 0 | 0.1 | 65 | 40 | 85 | F | F | R | R | MS |
| CDC Covert ☺ | 2022 | 21 | 96 | 97 | 93 | -1 | -0.6 | 64 | 38 | 84 | G | G | R | R | S |
| CDC Defy ☺ | 2021 | 18 | 95 | 95 | 93 | 0 | -1.0 | 66 | 40 | 87 | G | F | R | I | MS |
| CDC Dynamic+ ☺ | 2018 | 14 | 86 | 86 | 86 | -1 | 0.5 | 65 | 40 | 86 | F | G | R | MR | MS |
| CDC Evident ☺* | 2024 | 30 | 99 | 99 | 100 | -1 | -0.6 | 64 | 40 | 84 | F | F | R | R | MS |
| CDC Flare * | 2021 | 11 | 93 | 88 | XX | -2 | -0.5 | 64 | 42 | 84 | VG | P | R | MR | MS |
| CDC Wiseton ☺* | 2024 | 30 | 94 | 95 | 90 | 0 | 0.3 | 64 | 42 | 86 | F | XX | R | I | I |
| CDC Vantta ☺* | 2023 | 12 | 89 | XX | 88 | 2 | -0.5 | 65 | 40 | 73 | VG | G | R | R | MS |
| Strongfield + ☺ | 2024 | 124 | 91 | 91 | 91 | -1 | 0.0 | 64 | 42 | 83 | P | F | MR | MR | S |
| Transcend ☺ | 2022 | 55 | 91 | 92 | 90 | 0 | 0.3 | 65 | 40 | 90 | 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. In 2024, the check cultivar was changed to AAC Schrader. All previously tested varieties were adjusted relative to AAC Schrader based on the relative difference between AAC Schrader and Strongfield since 2010. 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 Frontier (DT2033). ☺ = PBR Protection under UPOV 78, ☺ = PBR protection under UPOV 91, and ☺* = PBR application filed and subject to provisional protection. XX - Insufficient data to describe. † Flagged for possible removal in 2026.

FEED AND FOOD BARLEY

| Variety | 2 or 6 row | Awn Type | Most Recent Year of RVT Testing | Overall Station Years of Testing | Yield Category (% AAC Synergy) | | Agronomic Characteristics: | | | | | | Disease Tolerance: | | | | | | |
|----------------------------|------------|----------|---------------------------------|----------------------------------|--------------------------------|-------------------|----------------------------|--|---------------------|-----------|-------------|-----------------------|--------------------|-------------|----------|-------------|-----------|----------|----------------------|
| | | | | | Overall Yield | Low < 113 (bu/ac) | High ≥ 113 (bu/ac) | Maturity Rating (Days +/- AAC Synergy) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Resistance to Lodging | Loose Smut | Other Smuts | Scald | Net Blotch: | | | Fusarium Head Blight |
| | | | | | | Spot form | Net form | | | | | | | | | Spot Blotch | | | |
| AAC Synergy (bu/ac) | | | | | 122 | 85 | 147 | | | | | | | | | | | | |
| AAC Synergy | 2 | R | 2024 | 164 | 100 | 100 | 100 | 93 | 53 | 49 | 81 | F | S | I | S | R | MR | R | I |
| AAC Lariat | 2 | R | 2024 | 44 | 107 | 104 | 108 | 1 | 53 | 48 | 80 | G | R | R | S | MR | R | I | MS |
| AAC Stockton | 2 | R | 2024 | 31 | 103 | 102 | 104 | 0 | 53 | 50 | 80 | F | R | R | S | I | I | I | MR |
| AB Advantage | 6 | S | 2020 | 32 | 104 | 100 | 106 | 2 | 52 | 48 | 102 | G | MR | I | I | I | MS | I | S |
| AB Cattlelac | 6 | SS | 2021 | 29 | 98 | 93 | 100 | 0 | 52 | 42 | 90 | G | I | R | I | MR | MS | R | S |
| AB Hague | 2 | R | 2022 | 41 | 107 | 107 | 107 | 3 | 53 | 48 | 86 | VG | MR | R | I | I | I | I | MR |
| AB Maximizer | 2 | R | 2024 | 26 | 103 | 98 | 105 | 2 | 53 | 45 | 82 | G | I | R | I | I | I | I | I |
| AB Prime | 2 | R | 2023 | 43 | 107 | 107 | 107 | 1 | 53 | 48 | 86 | G | S | R | I | I | MR | I | I |
| AB Standswell | 6 | S | 2024 | 28 | 106 | 105 | 107 | 2 | 50 | 40 | 76 | G | MS | R | MS | I | MR | MR | S |
| AB Tofield | 6 | S | 2021 | 24 | 104 | 102 | 105 | 1 | 52 | 43 | 84 | G | MR | MR | I | I | MS | I | S |
| AB Wrangler | 2 | R | 2021 | 32 | 103 | 106 | 101 | 2 | 53 | 48 | 81 | F | MS | MR | MS | I | I | MR | MR |
| Altorado | 2 | R | 2019 | 60 | 106 | 105 | 106 | 1 | 53 | 46 | 78 | G | MR | MR | S | I | S | S | I |
| Amisk [†] | 6 | SS | 2015 | 32 | 99 | 97 | 101 | 1 | 50 | 43 | 71 | VG | S | MS | I | MR | I | MR | S |
| AS Lafleur | 2 | R | 2024 | 17 | 94 | 99 | 90 | -2 | 55 | 48 | 79 | G | R | XX | S | I | MS | MS | MR |
| AS Manon | 2 | R | 2024 | 15 | 93 | 95 | 92 | -1 | 54 | 53 | 87 | G | NT | NT | NT | NT | NT | NT | NT |
| Bighorn | 2 | R | 2022 | 41 | 110 | 113 | 108 | 1 | 54 | 51 | 86 | F | I | R | S | I | I | I | I |
| Brahma | 2 | R | 2014 | 67 | 105 | 104 | 106 | 1 | 54 | 44 | 76 | G | MS | R | S | I | I | S | I |
| Canmore [†] | 2 | R | 2015 | 33 | 99 | 97 | 101 | 1 | 53 | 46 | 75 | G | R | R | MR | MR | MS | I | I |
| Cantu | 2 | R | 2022 | 41 | 111 | 113 | 111 | 3 | 54 | 51 | 85 | G | I | R | S | I | I | I | I |
| Carleton | 2 | R | 2024 | 43 | 107 | 110 | 106 | 0 | 53 | 46 | 76 | F | MS | R | MS | MS | MS | MS | MR |
| CDC Austenson | 2 | R | 2024 | 134 | 101 | 98 | 103 | 2 | 54 | 49 | 81 | G | S | R | S | R | MS | MR | I |
| CDC Coalition [†] | 2 | R | 2009 | 42 | 101 | 100 | 102 | 2 | 54 | 44 | 76 | G | R | MR | S | MR | S | I | I |
| CDC Cowboy | 2 | R | 2008 | 61 | 88 | 89 | 88 | 2 | 53 | 52 | 105 | F | MS | MR | MS | MR | I | I | MR |
| CDC Durango | 2 | R | 2023 | 45 | 107 | 101 | 110 | 2 | 54 | 50 | 79 | VG | S | R | MS | MS | MR | I | I |
| CDC Maverick | 2 | S | 2013 | 31 | 88 | 84 | 92 | 2 | 55 | 52 | 100 | F | S | R | MS | MR | I | I | MR |
| CDC Renegade | 2 | S | 2022 | 26 | 102 | 109 | 97 | 4 | 52 | 52 | 90 | F | I | MR | S | MR | I | MS | MR |
| CDC Trey [†] | 2 | R | 2009 | 88 | 97 | 96 | 98 | 0 | 53 | 47 | 82 | G | MS | R | MS | R | I | I | I |
| Claymore | 2 | R | 2017 | 72 | 106 | 104 | 107 | 2 | 53 | 44 | 80 | G | S | R | S | I | S | MS | MR |
| CONLON | 2 | S | 2007 | 53 | 87 | 85 | 89 | -3 | 53 | 49 | 82 | G | I | I | S | MR | I | S | MR |
| Esma * VUA | 2 | R | 2022 | 26 | 110 | 114 | 107 | 3 | 52 | 51 | 69 | VG | R | XX | S | MS | MS | MS | I |
| Ferguson | 2 | R | 2024 | 52 | 108 | 108 | 108 | 1 | 53 | 47 | 81 | G | S | R | S | MS | MS | S | I |
| Gadsby [†] | 2 | R | 2012 | 34 | 105 | 106 | 104 | 1 | 54 | 48 | 85 | F | R | R | R | MR | MS | S | I |
| Ibex | 2 | R | 2022 | 41 | 107 | 108 | 106 | 2 | 54 | 52 | 85 | G | S | R | S | I | I | I | I |
| KWS Kellie * VUA | 2 | R | 2022 | 26 | 114 | 121 | 110 | 5 | 52 | 50 | 66 | VG | R | XX | I | MS | MS | MS | I |
| Oreana | 2 | R | 2019 | 72 | 104 | 101 | 105 | 3 | 54 | 48 | 64 | VG | S | R | S | MR | S | I | S |
| RGT Asteroid * VUA | 2 | R | 2024 | 28 | 104 | 99 | 105 | 3 | 52 | 50 | 69 | G | R | XX | MR | I | MS | MS | I |
| RGT Planet * VUA | 2 | R | 2023 | 27 | 103 | 104 | 103 | 3 | 52 | 51 | 72 | G | R | XX | MR | MS | MS | MS | I |
| Richer | 6 | R | 2024 | 17 | 101 | 99 | 102 | -1 | 51 | 46 | 97 | G | R | XX | MS | MS | I | I | I |
| Sirish | 2 | R | 2020 | 48 | 106 | 106 | 106 | 2 | 53 | 46 | 72 | VG | S | R | MR | MS | MS | MS | MS |
| Sundre [†] | 6 | S | 2007 | 51 | 105 | 102 | 108 | 2 | 52 | 40 | 88 | 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 2023, the check cultivar was changed to AAC Synergy. All previously tested varieties were adjusted relative to AAC Synergy based on the relative difference between CDC Copeland and AAC Synergy since 2015. Varieties rated Intermediate (I) to Susceptible (S) for smuts should be treated with a systemic seed treatment to reduce the potential for infection. = PBR Protection under UPOV 78, = PBR protection under UPOV 91, = PBR application filed and subject to provisional protection, and **VUA** = Variety Use Agreement applied (<http://seeds-canada.ca/variety-use-agreement/>). **XX** - Insufficient data to describe. **NT** - Not tested for disease, until a full rating is assigned, assume a variety poses a risk of susceptibility. Disease ratings for some NT lines will be reviewed and approved at the Prairie Recommending Committee for Oat and Barley meetings in February 2025. Approved ratings will be posted online at seed.ab.ca. [†] Flagged for possible removal in 2026.

MALTING BARLEY

| 2 or 6 row | Awn Type | Non-glycosidic Nitriles Trait | Most Recent Year of RVT Testing | Overall Station Years of Testing | Yield Category (% AAC Synergy) | | | Agronomic Characteristics: | | | | | |
|---|----------|-------------------------------|---------------------------------|----------------------------------|--------------------------------|-------------------|--------------------|--|---------------------|-----------|-------------|-----------------------|----------|
| | | | | | Over-all Yield | Low < 113 (bu/ac) | High ≥ 113 (bu/ac) | Maturity Rating (Days +/- AAC Synergy) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Resistance to Lodging | |
| Yield and agronomic data only directly comparable to AAC Synergy | | | | | 122 | 85 | 147 | | | | | | |
| AAC Synergy ☼ | 2 | R | regular | 2024 | 164 | 100 | 100 | 100 | 93 | 53 | 49 | 81 | F |
| AAC Connect ☼ | 2 | R | regular | 2019 | 48 | 97 | 98 | 96 | 0 | 53 | 50 | 82 | G |
| AAC Prairie ☼ | 2 | R | regular | 2023 | 35 | 97 | 96 | 98 | 0 | 53 | 47 | 80 | F |
| AB BrewNet ☼ | 2 | R | regular | 2023 | 58 | 100 | 96 | 102 | 3 | 52 | 47 | 88 | G |
| AB Dram ☼ | 2 | R | non-GN | 2024 | 24 | 91 | 92 | 91 | -1 | 53 | 48 | 82 | F |
| AC Metcalfe | 2 | R | regular | 2024 | 122 | 91 | 89 | 92 | 0 | 53 | 46 | 81 | F |
| CDC Bow ☼ | 2 | R | regular | 2016 | 38 | 97 | 98 | 96 | 1 | 52 | 45 | 79 | VG |
| CDC Churchill ☼ | 2 | R | regular | 2024 | 57 | 104 | 102 | 104 | 2 | 53 | 46 | 77 | G |
| CDC Copeland | 2 | R | regular | 2024 | 121 | 95 | 93 | 96 | 0 | 52 | 48 | 86 | F |
| CDC Copper ☼ | 2 | R | regular | 2020 | 32 | 104 | 113 | 102 | 0 | 52 | 46 | 78 | G |
| CDC Fraser ☼ | 2 | R | regular | 2017 | 37 | 102 | 103 | 101 | 1 | 52 | 46 | 78 | G |
| CDC Goldstar + ☼ | 2 | R | regular | 2019 | 34 | 104 | 105 | 103 | 0 | 54 | 46 | 88 | G |
| Cerveza + ☼ | 2 | R | regular | 2011 | 39 | 102 | 101 | 102 | 1 | 52 | 43 | 76 | F |
| Legacy + | 6 | SS | regular | 2007 | 55 | 95 | 93 | 97 | -1 | 50 | 37 | 84 | G |
| SY Stanza ☼* | 2 | R | non-GN | 2024 | 29 | 103 | 100 | 107 | 2 | 51 | 50 | 70 | VG |
| Torbellino + | 2 | R | regular | 2022 | 26 | 102 | 107 | 99 | 4 | 52 | 50 | 71 | G |

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 2023, the check cultivar was changed to AAC Synergy. All previously tested varieties were adjusted relative to AAC Synergy based on the relative difference between CDC Copeland and AAC Synergy since 2015. 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: AB Foothills (TR20661). Glycosidic nitriles (GN) is a precursor to ethyl carbamate, a compound that is a concern in the fermentation process but becomes an amplified concern in the distilling process. The Canadian Malting Barley Technical Centre (CMBTC) evaluates and recommends malting barley varieties for industry acceptance. Please refer to the 2025-2026 CMBTC Recommended Malt Barley Varieties List for more information. ☼ = PBR Protection under UPOV 78, ☼ = PBR protection under UPOV 91, ☼* = PBR application filed and subject to provisional protection, and **VUA** = Variety Use Agreement applied (seeds-canada.ca/variety-use-agreement). + Flagged for possible removal in 2026.

MALTING BARLEY – CONTINUED

| AAC Synergy (bu/ac) | Disease Tolerance: | | | | | | |
|---|--------------------|-------------|----------|-----------|-----------|-------------|----------------------|
| | Net Blotch: | | | | | | |
| | Loose Smut | Other Smuts | Scald | Spot Form | Net Form | Spot Blotch | Fusarium Head Blight |
| Yield and agronomic data only directly comparable to AAC Synergy | | | | | | | |
| AAC Synergy ☼ | S | I | S | R | MR | R | I |
| AAC Connect ☼ | S | R | S | MR | I | MR | MR |
| AAC Prairie ☼ | S | MR | MS | I | MR | I | I |
| AB BrewNet ☼ | MS | MR | I | I | MS | I | MR |
| AB Dram ☼ | MR | R | I | MR | MS | MS | I |
| AC Metcalfe | R | I | S | I | S | I | I |
| CDC Bow ☼ | S | I | MS | MR | S | I | I |
| CDC Churchill ☼ | MS | MR | S | MR | MR | I | MS |
| CDC Copeland | MS | I | S | I | I | S | I |
| CDC Copper ☼ | I | MR | MR | MR | MR | I | MS |
| CDC Fraser ☼ | R | MR | MS | MR | MR | R | I |
| CDC Goldstar + ☼ | I | R | S | MR | I | I | MS |
| Cerveza + ☼ | R | R | S | MR | MS | R | I |
| Legacy + | I | MR | S | MR | S | MR | MS |
| SY Stanza ☼* | S | MR | MR | MS | I | MS | MS |
| Torbellino + | S | R | I | 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 2023, the check cultivar was changed to AAC Synergy. All previously tested varieties were adjusted relative to AAC Synergy based on the relative difference between CDC Copeland and AAC Synergy since 2015. 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: AB Foothills (TR20661). The Canadian Malting Barley Technical Centre (CMBTC) evaluates and recommends malting barley varieties for industry acceptance. Please refer to the 2025-2026 CMBTC Recommended Malt Barley Varieties List for more information. ☼ = PBR Protection under UPOV 78, ☼ = PBR protection under UPOV 91, ☼* = PBR application filed and subject to provisional protection, and **VUA** = Variety Use Agreement applied (seeds-canada.ca/variety-use-agreement). + Flagged for possible removal in 2026.

OAT

| Variety | Most Recent Year of RVT Testing | Overall Station Years of Testing | Overall Yield | Yield Category (% CS Camden) | | Agronomic Characteristics: | | | | | | |
|--|---------------------------------|----------------------------------|---------------|------------------------------|--------------------|--------------------------------------|---------------------|---------|-------------|-----------------------|--------------------|--|
| | | | | 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 agronomic data only directly comparable to CS Camden | | | | | | | | | | | | |
| CS Camden (bu/ac) | | | 126 | 89 | 154 | | | | | | | |
| CS Camden ☺ | 2024 | 103 | 100 | 100 | 100 | 98 | 40 | 41 | 99 | VG | I | |
| AAC Anthony ☺* | 2024 | 32 | 106 | 105 | 106 | 3 | 39 | 45 | 104 | G | R | |
| AAC Douglas ☺ | 2021 | 21 | 101 | 99 | 102 | 2 | 39 | 43 | 101 | G | R | |
| AAC Fedak ☺* | 2024 | 19 | 101 | 100 | 102 | 3 | 40 | 45 | 99 | VG | R | |
| AAC Neville ☺ | 2024 | 32 | 103 | 104 | 101 | 3 | 41 | 41 | 94 | VG | R | |
| AAC Wesley ☺ | 2024 | 37 | 98 | 97 | 99 | 1 | 40 | 40 | 93 | G | R | |
| AC Morgan ☺ | 2024 | 69 | 105 | 103 | 107 | 3 | 41 | 42 | 105 | VG | I | |
| CDC Anson ☺ | 2024 | 33 | 101 | 102 | 101 | 3 | 40 | 41 | 88 | VG | R | |
| CDC Arborg ☺ | 2024 | 46 | 106 | 106 | 106 | 0 | 41 | 40 | 109 | G | R | |
| CDC Byer ☺* | 2024 | 27 | 105 | 106 | 104 | 4 | 40 | 40 | 98 | VG | R | |
| CDC Endure ☺ | 2020 | 38 | 106 | 104 | 106 | 0 | 41 | 40 | 105 | G | R | |
| Kalio ☺ | 2023 | 17 | 97 | 91 | 100 | 1 | 40 | 39 | 97 | G | R | |
| Kyron ☺ | 2024 | 30 | 106 | 106 | 106 | 1 | 40 | 40 | 99 | G | R | |
| ORe 3542M ☺ | 2019 | 28 | 94 | 95 | 94 | 2 | 40 | 39 | 97 | VG | R | |
| ORe Level48 ☺ | 2023 | 17 | 91 | 85 | 96 | 0 | 40 | 41 | 98 | G | R | |
| FEED | | | | | | | | | | | | |
| AC Mustang | 2019 | 51 | 103 | 105 | 102 | 3 | 43 | 41 | 120 | G | I | |
| CDC Nasser | 2013 | 24 | 108 | 112 | 101 | 4 | 37 | 38 | 103 | G | MR | |
| FORAGE | | | | | | | | | | | | |
| CDC Baler | 2006 | 19 | 90 | 92 | 88 | 4 | 39 | 43 | 110 | XX | S | |
| CDC Haymaker ☺ | 2015 | 22 | 95 | 98 | 88 | 4 | 39 | 46 | 111 | F | MR | |
| OReBoost ☺* VUA | 2024 | 27 | 91 | 92 | 90 | 6 | 38 | 45 | 103 | G | R | |

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 the smuts should be treated with a systemic seed treatment to reduce the potential for infection. New registration and insufficient data to describe: CDC Westgate (SA152324). ☺ = PBR Protection under UPOV 91, and ☺* = PBR application filed and subject to provisional protection. VUA = Variety Use Agreement applied (seeds-canada.ca/variety-use-agreement). XX - Insufficient data to describe.

SPRING TRITICALE

| Variety | Awns Y/R | Most Recent Year of RVT Testing | Overall Station Years of Testing | Overall Yield | Yield Category (% Brevis) | | Agronomic Characteristics: | | | | | Disease Tolerance: | | |
|---|----------|---------------------------------|----------------------------------|---------------|---------------------------|--------------------|-----------------------------------|---------------------|---------|-------------|------------------------|--------------------|------|----------------------|
| | | | | | Low < 101 (bu/ac) | High ≥ 101 (bu/ac) | Maturity Rating (Days +/- Brevis) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Resistance to: Lodging | Stripe Rust | Bunt | Fusarium Head Blight |
| Yield and agronomic data only directly comparable to Brevis | | | | | | | | | | | | | | |
| Brevis (bu/ac) | | | 106 | 74 | 137 | | | | | | | | | |
| Brevis | Y | 2024 | 136 | 100 | 100 | 100 | 107 | 60 | 46 | 93 | G | MR | R | I |
| AAC Delight | R | 2018 | 31 | 97 | 95 | 98 | 1 | 58 | 49 | 96 | G | R | R | I |
| AB Stampeder ☺ | R | 2023 | 38 | 94 | 94 | 95 | -2 | 58 | 47 | 93 | G | R | R | MS |
| Bunker ☺ | R | 2009 | 49 | 71 | XX | XX | 0 | 57 | 48 | 112 | F | MR | R | I |
| Pronghorn | Y | 2024 | 45 | 95 | 94 | 97 | -2 | 56 | 47 | 106 | G | MR | R | MR |
| Sunray | Y | 2013 | 33 | 89 | 92 | 85 | -1 | 57 | 45 | 98 | VG | MR | R | MS |
| AB Sunbeam ☺* | Y | 2024 | 22 | 106 | 105 | 107 | -3 | 59 | 47 | 97 | G | R | R | MS |
| Taza ☺ | R | 2013 | 33 | 88 | 90 | 84 | 1 | 57 | 47 | 106 | G | MR | R | S |
| Tyndal ☺ | R | 2020 | 28 | 92 | 88 | 96 | 1 | 58 | 42 | 99 | G | 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. Awn description: Y = awns present, R = reduced awn. AB Stampeder, AAC Delight, Bunker, Taza and Tyndal have heads with reduced-awns which may be beneficial when harvested as forage or silage. Triticale varieties are generally rated as fair to poor for their falling number. All varieties exhibit varying levels of susceptibility to ergot, influenced by genetic factors and environmental effects. Current testing may not adequately distinguish genetic resistance from external factors such as weather conditions, crop development stage, inoculum load, and management practices. ☺ = PBR Protection under UPOV 78, ☺ = PBR protection under UPOV 91, ☺* = PBR application filed and subject to provisional protection. XX - Insufficient data to describe.

CANADA WESTERN RED WINTER WHEAT

| Variety | Most Recent Year of Testing | Overall Station Years of Testing | Overall Yield | Yield Category (% Radiant) | | Agronomic Characteristics: | | | | | | | Disease Tolerance: | | | | |
|---|-----------------------------|----------------------------------|---------------|----------------------------|-----------------|----------------------------|----------------|---------------|---------------------|-----------|-------------|-------------------------|--------------------|-----------|-----------|----------|----------------------|
| | | | | Low <80 bu /ac | High >80 bu/ ac | Winter Survival | Matu- rity (d) | Pro- tein (%) | Test Weight (lb/bu) | TKW (g) | Height (cm) | Resist- ance to Lodging | Stripe Rust | Leaf Rust | Stem Rust | Bunt | Fusarium Head Blight |
| Yield and agronomic data only directly comparable to Radiant | | | | | | | | | | | | | | | | | |
| Radiant (bu/ac) | | | 76 | 61 | 95 | | | | | | | | | | | | |
| Radiant | 2024 | 287 | 100 | 100 | 100 | VG | 219 | 12 | 63 | 35 | 90 | VG | S | S | S | S | |
| AAC Coldfront ☺ | 2024 | 35 | 111 | 112 | 111 | VG | 0 | 0.4 | 64 | 34 | 85 | VG | R | R | R | S | I |
| AAC Gateway | 2024 | 115 | 99 | 97 | 101 | F | -2 | 1.0 | 63 | 33 | 78 | VG | MR | I | MR | S | I |
| AAC Goldrush ☺ | 2021 | 55 | 101 | 99 | 103 | VG | -2 | 0.5 | 63 | 35 | 86 | G | I | R | MR | S | I |
| AAC Network ☺ | 2024 | 58 | 105 | 103 | 106 | G | 1 | 0.7 | 63 | 32 | 79 | G | R | MR | R | MR | I |
| AAC Overdrive ☺* | 2024 | 25 | 111 | 110 | 112 | VG | -2 | 0.6 | 62 | 31 | 82 | VG | R | MR | R | R | MR |
| AAC Vortex ☺ | 2024 | 50 | 104 | 107 | 102 | VG | -1 | 0.6 | 63 | 35 | 85 | VG | R | R | R | S | MR |
| AAC Wildfire ☺ | 2024 | 83 | 112 | 114 | 109 | VG | 2 | 0.2 | 63 | 37 | 87 | G | MR | I | S | MR | MR |
| CANADA WESTERN SPECIAL PURPOSE | | | | | | | | | | | | | | | | | |
| AAC Icefield | 2021 | 72 | 103 | 99 | 106 | F | 0 | -0.5 | 63 | 33 | 80 | G | MR | MR | R | MS | S |
| Pintail | 2016 | 79 | 108 | 106 | 110 | VG | -0 | -1.4 | 61 | 29 | 90 | F | MR | MS | MS | S | S |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments at the beginning of this publication. Winter wheat can be grown successfully in all areas of Alberta if seeded into standing stubble within the optimal seeding date period (generally before September 15) and if there is adequate snowfall. The long term average maturity for Radiant is 219 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 has 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 is a hard white winter wheat that 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. Pintail has an awless head which may improve palatability when harvested for forage or silage. ☺ = Protected by PBR (UPOV 78), ☺ = Protected by PBR (UPOV 91), ☺* = pending PBR protection.

FALL RYE

| Hybrid or Open Pollinated Variety | Most Recent Year of Testing | Overall Station Years of Testing | Overall Yield | Yield Category (% Hazlet) | | Agronomic Characteristics | | | | | | | |
|---|-----------------------------|----------------------------------|---------------|---------------------------|-----------------|---------------------------|-----------------|--------------|-----------------|-----------|--------------------|-------------|-----------------------|
| | | | | Over- all Yield | Low < 95 bu/ ac | High > 95 bu/ ac | Winter Survival | Maturity (d) | Test Wt (lb/bu) | TKW (g) | Falling Number (s) | Height (cm) | Resistance to Lodging |
| Yield and agronomic information only directly comparable to Hazlet | | | | | | | | | | | | | |
| Hazlet (bu/ac) | | | 94 | 67 | 120 | | | | | | | | |
| Hazlet | OP | 2023 | 78 | 100 | 100 | 100 | EX | 219 | 59 | 38 | 169 | 106 | G |
| Brasetto | Hybrid | 2016 | 21 | 123 | XX | 123 | EX | 0 | 59 | 35 | 288 | 96 | G |
| KWS Bono | Hybrid | 2023 | 48 | 137 | 137 | 137 | EX | -2 | 59 | 34 | 263 | 95 | G |
| KWS Daniello † | Hybrid | 2019 | 19 | 126 | 122 | 127 | EX | -1 | 59 | 35 | 288 | 96 | G |
| KWS Receptor ☺* | Hybrid | 2023 | 16 | 132 | 123 | 147 | EX | -3 | 59 | 33 | 263 | 94 | G |
| KWS Sandor ☺* | Hybrid | 2023 | 16 | 128 | 121 | 140 | EX | -3 | 59 | 33 | 262 | 95 | G |
| KWS Serafino ☺* | Hybrid | 2023 | 31 | 134 | 132 | 135 | EX | -2 | 59 | 34 | 278 | 97 | G |
| KWS Trebiano ☺* | Hybrid | 2023 | 31 | 131 | 130 | 131 | EX | -2 | 59 | 36 | 255 | 99 | G |
| Prima | OP | 2023 | 69 | 86 | 82 | 91 | EX | -3 | 58 | 33 | 218 | 118 | F |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the regional variety trials. Limited KWS Receptor and KWS Sandor data for the high yield category (n=5), please use this data with caution as yields can change substantially across multiple growing conditions. Data are derived from registration trials conducted in Alberta, supplemented by Saskatchewan data where appropriate. Data from 2024 were not available at the time of table preparation. Hazlet has lower viscosity which improves feed performance in monogastric livestock. Fall rye generally has greater cold tolerance than winter wheat and winter triticale. The long-term average heading and maturity dates for Hazlet are June 3 and Aug. 7 (219 d after Jan 1), respectively. All fall rye varieties are similar for heading date. Sprouting is a major factor in marketing rye for milling and is generally measured using the Hagberg falling number test. 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 is considerable variation in fall rye varieties for falling number that should be considered if milling markets are targeted. All fall rye varieties are susceptible to ergot, however KWS Daniello, KWS Serafino, KWS Trebiano, KWS Sandor and Prima have reduced susceptibility to natural ergot infection compared with Hazlet. AFSC crop insurance deadlines for seeding fall rye is September 20, north of the Bow River and September 30, south of the Bow River. ☺* = PBR application filed and subject to provisional protection. †Flagged for possible removal in 2026.

WINTER TRITICALE

| Variety | Most Recent Year of Testing | Awns Y/R | Overall Station Years of Testing Yield Sites | Yield Category (% Metzger) | | | Agronomic Characteristics | | | | | | Disease Tolerance | |
|------------------------|-----------------------------|----------|--|----------------------------|---------------|----------------|---------------------------|-------------|--------------|------------------|-----------|-------------|-----------------------|-----------|
| | | | | Overall Yield | Low <86 bu/ac | High >86 bu/ac | Winter Survival | Heading (d) | Maturity (d) | Test Wt (lbs/bu) | TKW (g) | Height (cm) | Resistance to Lodging | Ergot |
| Metzger (bu/ac) | | | | 92 | 64 | 108 | | | | | | | | |
| Metzger | 2023 | R | 46 | 100 | 100 | 100 | VG | 168 | 216 | 56 | 38 | 116 | F | VG |
| AB Bronco ☉ | 2018 | R | 13 | 110 | 110 | 104 | VG | -2 | -1 | 54 | 36 | 108 | F | VG |
| AB Provider ☉ | 2018 | R | 13 | 121 | 137 | 111 | VG | -1 | 0 | 54 | 34 | 103 | VG | VG |
| AB Snowcat ☉* | 2019 | R | 12 | 117 | XX | 112 | VG | -5 | -2 | 56 | 36 | 110 | G | G |
| Bobcat | 2023 | R | 51 | 100 | 98 | 101 | F | -4 | 0 | 55 | 37 | 99 | G | F |
| Luoma ☉ | 2023 | R | 46 | 106 | 108 | 104 | VG | 1 | 3 | 56 | 40 | 120 | F | VG |
| Pika | 2009 | Y | 19 | 98 | 96 | 100 | VG | 1 | 1 | 56 | 41 | 125 | P | NT |






























Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the regional variety trials. All data is derived from registration trials conducted in Alberta; 2024 data were not available at the time of table preparation. Yield comparisons include direct and indirect comparisons with the check. Winter triticale is similar in winter survival to winter wheat. The long term heading and maturity dates for Metzger are June 17 and August 4 (168 days and 216 days after Jan. 1), respectively. Awn description: Y = awns present, R = reduced awn. ☉ PBR Protection under UPOV 78, ☉ PBR protection under UPOV 91, ☉ PBR application filed and subject to provisional protection. NT - Not tested for disease, until a full rating is assigned, assume a variety poses a risk of susceptibility. XX - Insufficient data to describe.




FLAX

| Variety | Most Recent Year of RVT Testing | Overall Station Years of Testing | Yield Category (% CDC Glas) | | | Agronomic Characteristics: | | | | | Disease Tolerance: | | Quality: | |
|-------------------------|---------------------------------|----------------------------------|-----------------------------|-----------------|------------------|-------------------------------------|--------------|-----------|-------------|-----------------------|--------------------|-----------------|-----------------|--------------|
| | | | Overall Yield | Low <37 (bu/ac) | High ≥37 (bu/ac) | Maturity Rating (Days +/- CDC Glas) | Seed Colour | Seed Size | Height (cm) | Resistance to Lodging | Powdery Mildew | Oil Content (%) | ALA Content (%) | Iodine Value |
| CDC Glas (bu/ac) | | | 44 | 26 | 57 | | | | | | | | | |
| CDC Glas ☉ | 2024 | 73 | 100 | 100 | 100 | 108 | brown | M | 62 | G | MR | 46 | 57 | 192 |
| AAC Marvelous + ☉ | 2019 | 19 | 101 | 103 | 101 | 1 | brown | M | 60 | G | MR | 47 | 56 | 192 |
| CDC Bethune ☉ | 2022 | 47 | 96 | 95 | 96 | -1 | brown | M | 61 | G | MR | 46 | 55 | 189 |
| CDC Dorado ☉ | 2022 | 21 | 89 | 93 | 88 | -2 | yellow | L | 55 | G | MR | 45 | 64 | 204 |
| CDC Esme ☉* | 2024 | 30 | 105 | 108 | 103 | 4 | brown | L | 61 | G | NT | 46 | 59 | 195 |
| CDC Kernen ☉ | 2024 | 39 | 101 | 106 | 99 | 2 | brown | M | 64 | G | MR | 45 | 57 | 191 |
| CDC Neela + ☉ | 2016 | 17 | 104 | 108 | XX | 0 | brown | M | 54 | G | MR | 46 | 59 | 194 |
| CDC Plava + ☉ | 2016 | 26 | 96 | 101 | 87 | -3 | brown | M | 51 | G | NT | 47 | 57 | 196 |
| CDC Rowland ☉ | 2023 | 24 | 104 | 104 | 104 | 4 | brown | L | 61 | G | MR | 45 | 59 | 195 |
| CDC Sorrel ☉ | 2008 | 14 | 104 | 110 | 99 | 0 | brown | L | 61 | F | MR | 45 | 58 | 193 |
| Topaz + ☉ | 2017 | 23 | 97 | 96 | 98 | -1 | brown | M | 53 | G | MR | 47 | 55 | 189 |
| VT50 + ☉ | 2014 | 17 | 98 | 101 | XX | 3 | yellow | S | 49 | VG | NT | 47 | 68 | 209 |
| WestLin 60 ☉ | 2016 | 17 | 95 | 97 | XX | -2 | brown | M | 48 | G | NT | 46 | 60 | 198 |
| WestLin 72 + ☉ | 2017 | 23 | 96 | 100 | 91 | 2 | brown | S | 51 | VG | MR | 47 | 57 | 193 |

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments in the introduction to the Regional Variety Trials. All listed varieties are immune to flax rust and MR to Fusarium wilt. NT - Not tested for disease, until a full rating is assigned, assume a variety poses a risk of susceptibility. Due to flax being a small acre crop and limited flax testing in Alberta, data included in this table is heavily weighted on Saskatchewan registration data. XX - Insufficient data to describe. ☉ = PBR Protection under UPOV 78, ☉ = PBR protection under UPOV 91, and ☉* = PBR application filed and subject to provisional protection. + Flagged for possible removal in 2026.

BARLEY SILAGE

| Variety | 2 or 6 Row | Awn Type | Most Recent Year of Test-ing | Overall Station Years of Testing | Overall Yield (% of check) | Relative Maturity (days) | Nutritional Data | | | | | | | | |
|---|------------|----------|------------------------------|----------------------------------|----------------------------|--------------------------|------------------|-------------|-------------|-------------|---|-------------|-------------|-------------|-------------|
| | | | | | | | CP (%DM) | ADF (%DM) | NDF (%DM) | TDN (%DM) | True Invitro Digestibility - 30 hrs (%DM) | Ca (%DM) | P (%DM) | K (%DM) | Mg (%DM) |
| Yield and nutritional data only directly comparable to CDC Austenson | | | | | | | | | | | | | | | |
| CDC Austenson (t/ac) | | | | | | 10.2 | | | | | | | | | |
| CDC Austenson  | 2 | R | 2024 | 71 | 100 | 95 | 10.4 | 32.4 | 47.4 | 63.4 | 72.2 | 0.49 | 0.23 | 2.20 | 0.22 |
| AAC Lariat  | 2 | R | 2024 | 7 | 105 | -1 | 10.0 | 33.3 | 48.6 | 62.6 | 71.1 | 0.52 | 0.23 | 2.13 | 0.22 |
| AB Advantage  | 6 | S | 2022 | 15 | 101 | 0 | 10.0 | NT | NT | 62.1 | NT | 0.54 | 0.25 | 2.30 | 0.23 |
| AB Cattlelac  | 6 | SS | 2022 | 27 | 99 | -2 | 10.9 | NT | NT | 63.7 | NT | 0.61 | 0.23 | 2.39 | 0.25 |
| AB Hague  | 2 | R | 2024 | 18 | 105 | 1 | 10.5 | 33.0 | 49.0 | 63.3 | 71.3 | 0.49 | 0.22 | 2.15 | 0.21 |
| AB Maximizer  | 2 | R | 2024 | 11 | 107 | 0 | 10.4 | 33.2 | 49.2 | 62.6 | 71.6 | 0.47 | 0.24 | 2.26 | 0.21 |
| AB Prime  | 2 | R | 2023 | 9 | 106 | -1 | 9.8 | 33.1 | 49.5 | 61.6 | 71.1 | 0.50 | 0.22 | 2.32 | 0.21 |
| AB Standswell  | 6 | S | 2024 | 13 | 97 | 0 | 10.1 | 32.3 | 45.8 | 63.6 | 71.9 | 0.46 | 0.24 | 2.37 | 0.22 |
| AB Tofield  | 6 | S | 2022 | 12 | 101 | -1 | 10.5 | NT | NT | 63.4 | NT | 0.59 | 0.23 | 2.37 | 0.25 |
| AB Wrangler  | 2 | R | 2022 | 15 | 103 | 0 | 10.9 | NT | NT | 66.1 | NT | 0.47 | 0.25 | 2.13 | 0.21 |
| Altorado  | 2 | R | 2022 | 37 | 103 | -1 | 10.2 | NT | NT | 65.1 | NT | 0.48 | 0.24 | 2.10 | 0.23 |
| Amisk  | 6 | SS | 2022 | 44 | 93 | -1 | 10.2 | NT | NT | 62.9 | NT | 0.62 | 0.25 | 2.24 | 0.25 |
| Canmore  | 2 | R | 2022 | 37 | 99 | -1 | 9.7 | NT | NT | 63.9 | NT | 0.59 | 0.23 | 2.22 | 0.23 |
| Cantu  | 2 | R | 2024 | 7 | 108 | 1 | 10.3 | 32.0 | 45.7 | 63.9 | 74.9 | 0.46 | 0.24 | 2.41 | 0.22 |
| CDC Bow  | 2 | R | 2022 | 12 | 102 | -1 | 10.4 | NT | NT | 63.7 | NT | 0.60 | 0.22 | 2.28 | 0.22 |
| CDC Churchill  | 2 | R | 2023 | 9 | 109 | 0 | 10.1 | 32.4 | 47.1 | 63.9 | 72.4 | 0.53 | 0.23 | 2.15 | 0.22 |
| CDC Coalition  | 2 | R | 2019 | 38 | 95 | 0 | 10.6 | NT | NT | 64.1 | NT | 0.50 | 0.26 | 2.29 | 0.22 |
| CDC Cowboy  | 2 | R | 2022 | 55 | 99 | 0 | 9.1 | NT | NT | 61.5 | NT | 0.49 | 0.24 | 1.99 | 0.25 |
| CDC Durango  | 2 | R | 2024 | 7 | 111 | 0 | 10.4 | 32.5 | 47.9 | 63.3 | 73.2 | 0.51 | 0.23 | 2.18 | 0.22 |
| CDC Fraser  | 2 | R | 2024 | 10 | 102 | -1 | 10.3 | 33.5 | 49.3 | 62.1 | 70.9 | 0.51 | 0.24 | 2.15 | 0.22 |
| CDC Maverick  | 2 | S | 2022 | 46 | 101 | 0 | 9.3 | NT | NT | 62.1 | NT | 0.55 | 0.23 | 1.94 | 0.25 |
| CDC Renegade  | 2 | S | 2024 | 13 | 108 | 2 | 10.4 | 32.9 | 48.6 | 62.7 | 73.0 | 0.51 | 0.24 | 2.13 | 0.22 |
| Champion [†]  | 2 | R | 2018 | 22 | 101 | 0 | 10.3 | NT | NT | 64.1 | NT | 0.52 | 0.23 | 2.29 | 0.22 |
| Claymore  | 2 | R | 2022 | 37 | 100 | 0 | 10.0 | NT | NT | 64.1 | NT | 0.56 | 0.24 | 2.14 | 0.22 |
| CONLON [†]  | 2 | S | 2018 | 26 | 86 | -5 | 10.2 | NT | NT | 64.7 | NT | 0.64 | 0.26 | 2.18 | 0.23 |
| Esma  * VUA | 2 | R | 2023 | 9 | 106 | 1 | 10.4 | 32.0 | 46.3 | 64.7 | 72.9 | 0.48 | 0.24 | 2.09 | 0.23 |
| Gadsby [†]  | 2 | R | 2017 | 36 | 100 | -1 | 10.0 | NT | NT | 63.4 | NT | 0.63 | 0.23 | 2.11 | 1.01 |
| KWS Kellie  * VUA | 2 | R | 2024 | 10 | 107 | 3 | 10.3 | 31.9 | 45.6 | 63.6 | 73.9 | 0.50 | 0.25 | 2.16 | 0.22 |
| Stockford | 2 | H | 2023 | 10 | 97 | 0 | 10.4 | 32.9 | 50.4 | 63.3 | 73.7 | 0.60 | 0.25 | 2.37 | 0.23 |
| Sundre  | 6 | S | 2022 | 46 | 95 | 0 | 10.2 | NT | NT | 64.0 | NT | 0.54 | 0.24 | 2.00 | 0.22 |

Remarks: For explanations on data summarization methods and other information, please see the comments in the introduction to the Silage Regional Variety Trials. Yield is reported in wet tons/acre adjusted to 65% moisture. Barley silage trials are harvested when 75% of the barley varieties are at soft dough, BBCH 85. Relative maturity is given as physiological grain maturity. Due to re-structuring the silage RVTs, yield data is only presented if there are six site years of data. Beginning in 2023, irrigated and dryland experimental sites were run. Due to limited amounts of irrigated data, only overall provincial yield will be presented until sufficient data is available to populate both dryland and irrigated yield columns. Awn Types: H = Hooded, S = smooth, SS = Semi-smooth, R = Rough. Nutritional data is presented on a dry matter basis (%DM), and was tested on forage, not ensiled samples. CP = Crude Protein; ADF = Acid Detergent Fibre; NDF = Neutral Detergent Fibre; TDN = total digestible nutrient; Ca = calcium; P = phosphorous; K = potassium; Mg = magnesium. Prior to 2023 a limited number of nutritional parameters were tested; varieties in the tests prior to 2023 do not have a full complement of nutritional data, indicated by NT = not tested. Please see disease tolerance ratings in the barley grain tables. Insufficient data to describe: FB22816, Ferguson (TR19758).  = PBR Protection under UPOV 78,  = PBR protection under UPOV 91, * = PBR application filed and subject to provisional protection, **VUA** = Variety Use Agreement Applied (<http://seeds-canada.ca/variety-use-agreement/>). [†] Flagged for possible removal in 2026.

OAT SILAGE

Nutritional Data

| Variety | Most Recent Year of Testing | Overall Station Years of Testing | Overall Yield (% of check) | Relative Maturity (days) | Nutritional Data | | | | | | | | | |
|--|-----------------------------|----------------------------------|----------------------------|--------------------------|------------------|-------------|-------------|-------------|---|-------------|-------------|-------------|-------------|--|
| | | | | | CP (%DM) | ADF (%DM) | NDF (%DM) | TDN (%DM) | True Invitro Digestibility - 30 hrs (%DM) | Ca (%DM) | P (%DM) | K (%DM) | Mg (%DM) | |
| Yield and nutritional data only directly comparable to CDC Baler | | | | | | | | | | | | | | |
| CDC Baler (t/ac) | | | 10.4 | | | | | | | | | | | |
| CDC Baler | 2024 | 48 | 100 | 102 | 11.6 | 36.1 | 59.0 | 60.1 | 67.6 | 0.49 | 0.22 | 1.66 | 0.18 | |
| AAC Douglas ☹ | 2024 | 8 | 104 | -2 | 9.6 | 34.8 | 54.6 | 61.2 | 69.0 | 0.44 | 0.22 | 1.54 | 0.21 | |
| AAC Wesley ☹ | 2024 | 6 | 101 | -3 | 9.8 | 34.2 | 53.5 | 62.1 | 69.9 | 0.46 | 0.23 | 1.66 | 0.22 | |
| AC Juniper † | 2022 | 33 | 96 | XX | 12.8 | NT | NT | 61.0 | NT | 0.45 | 0.30 | 2.99 | 0.17 | |
| AC Morgan | 2022 | 42 | 100 | -1 | 11.8 | NT | NT | 59.9 | NT | 0.47 | 0.26 | 3.07 | 0.16 | |
| CDC Arborg ☹ | 2023 | 9 | 101 | -4 | 11.6 | 35.3 | 54.3 | 61.1 | 67.6 | 0.50 | 0.27 | 2.64 | 0.21 | |
| CDC Endure ☹ | 2023 | 8 | 103 | -4 | 12.2 | 35.1 | 54.3 | 60.9 | 68.4 | 0.48 | 0.27 | 2.47 | 0.21 | |
| CDC Haymaker ☹ | 2022 | 38 | 98 | 0 | 11.7 | NT | NT | 58.6 | NT | 0.52 | 0.27 | 3.53 | 0.18 | |
| CDC Nasser | 2022 | 12 | 102 | 0 | 12.1 | NT | NT | 60.5 | NT | 0.51 | 0.29 | 3.07 | 0.19 | |
| CDC SO1 ☹ | 2022 | 41 | 95 | XX | 11.1 | NT | NT | 59.7 | NT | 0.48 | 0.26 | 3.20 | 0.18 | |
| CS Camden ☹ | 2023 | 9 | 103 | -4 | 12.1 | 34.1 | 52.6 | 61.3 | 69.3 | 0.52 | 0.27 | 2.42 | 0.21 | |
| Murphy ☹ | 2022 | 37 | 104 | XX | 10.9 | NT | NT | 57.3 | NT | 0.51 | 0.24 | 3.71 | 0.19 | |
| ORe3542M ☹ | 2022 | 15 | 99 | -2 | 12.1 | NT | NT | 60.8 | NT | 0.38 | 0.31 | 3.23 | 0.15 | |
| ORe BOOST ☹* | 2024 | 6 | 101 | 2 | 10.5 | 37.3 | 62.1 | 59.0 | 65.5 | 0.46 | 0.22 | 1.57 | 0.18 | |
| Yield and nutritional data only directly comparable to AC Mustang | | | | | | | | | | | | | | |
| AC Mustang (t/ac) | | | 9.9 | | | | | | | | | | | |
| AC Mustang | 2017 | 27 | 100 | 101 | 8.7 | NT | NT | NT | NT | 0.27 | 0.19 | 1.79 | 0.14 | |
| CDC Seabiscuit † | 2020 | 9 | 108 | 0 | 8.4 | NT | NT | NT | NT | 0.25 | 0.23 | 1.79 | 0.14 | |
| Waldern † | 2018 | 22 | 109 | XX | 8.3 | NT | NT | NT | NT | 0.26 | 0.21 | 1.89 | 0.14 | |

Remarks: For explanations on data summarization methods and other information, please see the comments in the introduction to the Performance Variety Trials. Yield is reported in wet tons/acre adjusted to 65% moisture. Oat silage trials are harvested when 75% of the varieties are at milk stage, BBCH 75. However, the 2023 and 2024 trials contained varieties with a wide range of development, with some locations showing a week or more difference in growth stages. This results in some of the later maturing varieties having lower yield and altered quality. Relative maturity is given as physiological grain maturity. Due to re-structuring the silage RVTs, yield data is only presented if there are six site years of data. Beginning in 2023, irrigated and dryland experimental sites were run. Due to limited amounts of irrigated data, only overall provincial yield will be presented until sufficient data is available to populate both dryland and irrigated yield columns. Nutritional data is presented on a dry matter basis (%DM), and was tested on forage, not ensiled samples. CP = Crude Protein; ADF = Acid Detergent Fibre, NDF = Neutral Detergent Fibre, TDN = total digestible nutrient; Ca = calcium; P = phosphorus; K = potassium; Mg = magnesium. Prior to 2023 a limited number of nutritional parameters were tested; varieties in the tests prior to 2023 do not have a full complement of nutritional data, indicated by NT = not tested. Please see disease tolerance ratings in the oat grain tables. Insufficient data to describe: ORe Ruminator and CDC Westgate (SA152324). XX - Insufficient data to publish. ☹ = PBR Protection under UPOV 78, ☹ = PBR protection under UPOV 91. ☹* = PBR application filed and subject to provisional protection. † Flagged for possible removal in 2026.

WHEAT AND TRITICALE SILAGE

| Variety | Species | Awns (Yes/No/Reduced) | Most Recent Year of Testing | Overall Station Years of Testing | Overall Yield (% of check) | Relative Maturity (days) | Nutritional Data | | | | | | | | |
|---|------------------|-----------------------|-----------------------------|----------------------------------|----------------------------|--------------------------|------------------|-------------|-------------|-------------|---|-------------|-------------|-------------|-------------|
| | | | | | | | CP (%DM) | ADF (%DM) | NDF (%DM) | TDN (%DM) | True Invitro Digestibility - 30 hrs (%DM) | Ca (%) | P (%) | K (%) | Mg (%) |
| WHEAT | | | | | | | | | | | | | | | |
| Yield and nutritional data only directly comparable to Sadash VB | | | | | | | | | | | | | | | |
| Sadash VB (t/ac) | | | | | 10.6 | | | | | | | | | | |
| Sadash VB ☹ | SWS Wheat | Yes | 2024 | 28 | 100 | 104 | 10.5 | 34.0 | 51.2 | 62.7 | 70.4 | 0.45 | 0.23 | 2.03 | 0.20 |
| AAC Awesome VB ☹ | SP Wheat | Yes | 2022 | 12 | 107 | 0 | 9.5 | NT | NT | 62.5 | NT | 0.38 | 0.20 | 2.13 | 0.18 |
| AAC Chiffon VB ☹ | SWS Wheat | Yes | 2017 | 15 | 104 | 0 | 10.2 | NT | NT | 59.7 | NT | 0.33 | 0.25 | 2.08 | 0.18 |
| AAC Galore VB ☹* | SWS Wheat | Yes | 2024 | 8 | 105 | -1 | 10.5 | 34.4 | 53.2 | 62.3 | 70.3 | 0.44 | 0.24 | 2.06 | 0.19 |
| AAC Paramount VB ☹ | SWS Wheat | Yes | 2023 | 11 | 100 | 0 | 9.8 | 34.1 | 52.7 | 61.2 | 70.3 | 0.42 | 0.21 | 1.95 | 0.19 |
| AC Andrew | SWS Wheat | Yes | 2022 | 12 | 99 | 0 | 10.1 | NT | NT | 61.2 | NT | 0.40 | 0.21 | 2.27 | 0.20 |
| Alderon | SP Wheat | No | 2023 | 11 | 100 | 4 | 11.3 | 33.1 | 53.1 | 63.0 | 71.8 | 0.42 | 0.23 | 2.21 | 0.20 |
| Alotta ☹* | SP Wheat | Yes | 2024 | 8 | 99 | 1 | 11.4 | 33.5 | 51.4 | 63.2 | 71.8 | 0.48 | 0.23 | 1.95 | 0.20 |
| TRITICALE | | | | | | | | | | | | | | | |
| Yield and nutritional data only directly comparable to Sadash VB | | | | | | | | | | | | | | | |
| AAC Delight | Triticale | Reduced | 2022 | 12 | 110 | 4 | 9.3 | NT | NT | 62.0 | NT | 0.39 | 0.22 | 1.62 | 0.16 |
| AB Stampeder ☹ | Triticale | Reduced | 2023 | 17 | 103 | 1 | 10.4 | 34.2 | 53.1 | 62.2 | 70.1 | 0.46 | 0.21 | 1.71 | 0.20 |
| Bunker ☹ | Triticale | Reduced | 2022 | 12 | 104 | 3 | 7.3 | NT | NT | 58.6 | NT | 0.47 | 0.20 | 1.76 | 0.19 |
| Pronghorn | Triticale | Yes | 2014 | 21 | 102 | 3 | 9.8 | NT | NT | 59.7 | NT | 0.39 | 0.26 | 2.08 | 0.17 |
| Sunray | Triticale | Yes | 2022 | 20 | 105 | 2 | 8.4 | NT | NT | 59.7 | NT | 0.49 | 0.16 | 2.53 | 0.15 |
| Taza ☹ | Triticale | Reduced | 2022 | 20 | 102 | 4 | 9.5 | NT | NT | 59.7 | NT | 0.38 | 0.27 | 1.91 | 0.16 |
| Tyndal ☹ | Triticale | Reduced | 2018 | 48 | 100 | 4 | 9.8 | NT | NT | 59.7 | NT | 0.38 | 0.27 | 1.83 | 0.17 |

Remarks: For explanations on data summarization methods and other information, please see the comments in the introduction to the Performance Variety Trials. Yield is reported in wet tons/acre adjusted to 65% moisture. Wheat-triticale silage trials are harvested when 75% of the wheat varieties are at early to soft dough, BBCH 83-85, and the triticale varieties are at late milk, BBCH 77. Relative maturity is given as physiological grain maturity. Due to re-structuring the silage RVTs, yield data is only presented if there are six site years of data. Beginning in 2023, irrigated and dryland experimental sites were run. Due to limited amounts of irrigated data, only overall provincial yield will be presented until sufficient data is available to populate both dryland and irrigated yield columns. Please see disease tolerance ratings in the triticale and wheat grain tables. Nutritional data is presented on a dry matter basis (%DM), and was tested on forage, not ensiled samples. CP = Crude Protein; ADF = Acid Detergent Fibre, NDF = Neutral Detergent Fibre, TDN = total digestible nutrient; Ca = calcium; P = phosphorus; K = Potassium; Mg = magnesium; VB = designates a varietal blend to preserve the Sm1 orange wheat blossom midge resistance gene. Prior to 2023 a limited number of nutritional parameters were tested; varieties in the tests prior to 2023 do not have a full complement of nutritional data, indicated by NT = not tested. Please see disease tolerance ratings in the wheat and triticale grain tables. Insufficient data to describe: AB Sunbeam (T293) and TriCal Surge. ☹ = PBR Protection under UPOV 78, ☹ = PBR protection under UPOV 91. ☹* = PBR application filed and subject to provisional protection.

DRY BEAN – WIDE ROW

| Variety | Type | Site Years 2014 - 2024 | Overall Yield (% of check) | Days to Bloom ¹ | Days to Maturity | TSW ² (g) | Plant Height (cm) | Lodging ³ (1 - 5) | Growth Habit ⁴ |
|--|-----------------------|---------------------------|-------------------------------|-------------------------------|---------------------|-------------------------|----------------------|---------------------------------|------------------------------|
| Varieties tested in 2024 trials (Yield and agronomic data only directly comparable to the check within each type) | | | | | | | | | |
| AC Black Diamond (kg/ha) | | | 3450 | | | | | | |
| AC Black Diamond | Black Shiny | 28 | 100 | 58 | 101 | 266 | 34 | 2.8 | II |
| AAC Black Diamond 2 | Black Shiny | 24 | 105 | 58 | 0 | 257 | 32 | 2.7 | II |
| CDC Blackstrap ☉ | Black Matte | 14 | 98 | 54 | -2 | 222 | 30 | 2.5 | II |
| Island (kg/ha) | | | 3989 | | | | | | |
| Island | Pinto | 28 | 100 | 54 | 100 | 372 | 39 | 3.6 | II |
| AAC Expedition | Pinto | 20 | 76 | 55 | 4 | 399 | 34 | 4.2 | II |
| AAC PT600 | Pinto | 7 | 88 | 56 | -1 | 369 | 37 | 3.2 | II |
| AAC PT601 | Pinto | 7 | 87 | 57 | -2 | 366 | 38 | 2.7 | II |
| CDC WM-3 ☉ | Pinto | 14 | 94 | 55 | 2 | 361 | 36 | 3.3 | II |
| Resolute (kg/ha) | | | 3474 | | | | | | |
| Resolute | Great Northern | 28 | 100 | 54 | 94 | 359 | 39 | 3.3 | II |
| AAC GN963 | Great Northern | 7 | 89 | 53 | 0 | 367 | 41 | 3.3 | II |
| AAC Whitehorse | Great Northern | 28 | 107 | 53 | -1 | 375 | 40 | 3.4 | II |
| AAC Y073 (kg/ha) | | | 2790 | | | | | | |
| AAC Y073 | Yellow | 18 | 100 | 52 | 96 | 451 | 33 | 2.2 | I |
| AAC Y012 | Yellow | 24 | 102 | 52 | 0 | 394 | 32 | 2.2 | I |
| CDC Sunburst ☉ | Yellow | 10 | 103 | 50 | -1 | 407 | 26 | 2.2 | I |
| AAC Cranford (kg/ha) | | | 2843 | | | | | | |
| AAC Cranford | Cranberry | 18 | 100 | 54 | 98 | 590 | 34 | 2.0 | I |
| AC Redbond (kg/ha) | | | 3309 | | | | | | |
| AC Redbond | Small Red | 16 | 100 | 53 | 93 | 321 | 37 | 3.6 | II |
| AAC Shock (kg/ha) | | | 2645 | | | | | | |
| AAC Shock | Navy | 7 | 100 | 56 | 99 | 181 | 32 | 3.0 | II |
| Blast | Navy | 7 | 108 | 61 | 2 | 178 | 38 | 3.5 | II |
| Previously tested varieties (Yield and agronomic data only directly comparable to the check within each type) | | | | | | | | | |
| AC Black Diamond (kg/ha) | | | 3017 | | | | | | |
| AC Black Diamond | Black Shiny | 40 | 100 | 58 | 101 | 266 | 34 | 2.8 | II |
| CDC Blackcomb | Black Matte | 11 | 79 | 63 | 0 | 179 | 31 | 2.3 | II |
| Island (kg/ha) | | | 3758 | | | | | | |
| Island | Pinto | 20 | 100 | 54 | 100 | 372 | 39 | 3.6 | II |
| AAC Burdett | Pinto | 9 | 101 | 53 | -6 | 357 | 42 | 2.6 | II |
| CDC WM-2 | Pinto | 15 | 78 | 54 | 2 | 372 | 37 | 3.0 | II |
| Medicine Hat ☉ | Pinto | 12 | 93 | 59 | 4 | 357 | 40 | 2.9 | II |
| Winchester | Pinto | 13 | 85 | 55 | 4 | 340 | 38 | 3.0 | II |
| AAC Tundra (kg/ha) | | | 3570 | | | | | | |
| AAC Tundra | Great Northern | 13 | 100 | 52 | 97 | 349 | 42 | 2.9 | II |
| AC Polaris | Great Northern | 6 | 107 | 62 | 7 | 300 | 37 | 4.1 | II |
| CDC Sol (kg/ha) | | | 2350 | | | | | | |
| CDC Sol | Yellow | 14 | 100 | 55 | 104 | 409 | 33 | 1.5 | I |
| Myasi | Yellow | 9 | 89 | 63 | 6 | 350 | 34 | 2.1 | I |
| Viva (kg/ha) | | | 3137 | | | | | | |
| Viva | Pink | 29 | 100 | 54 | 102 | 258 | 34 | 3.8 | III |

Remarks: New registrations with insufficient data to publish: OAC Sienna (Pinto), AAC Alberta North (Great Northern), Eiger (Great Northern). ☉ = PBR Protection under UPOV 78, ☉ = PBR protection under UPOV 91. ¹Days to bloom from seeding; ²Thousand Seed Weight; ³Lodging: 1 = erect, 5 = flat. ⁴Growth Habit: I = determinate bush, II = indeterminate bush, and III = indeterminate prostrate.

FABA BEAN

| Variety | Type | Flower Color ¹ | Low Vicine/Convicine | Most recent year of RVT testing | Overall Yield | Overall Station Years of Testing | Soil Zone: | | | | | | | | Agronomic Characteristics: | | | | |
|---|-------------|---------------------------|----------------------|---------------------------------|---------------|----------------------------------|---------------------------|------------|-----------------|------------|------------------------------|------------|----------------------------|------------|----------------------------|------------|--------------------------------|-------------------|--------------------------|
| | | | | | | | Brown | | | | Black | | | | Grey Wooded | | Relative Maturity ² | Plant Height (cm) | Thousand Seed Weight (g) |
| | | | | | | | Brown irrigated Yield (%) | Site Years | Brown Yield (%) | Site Years | Black-short season Yield (%) | Site Years | Black-mid season Yield (%) | Site Years | Grey Wooded Yield (%) | Site Years | | | |
| Yield and agronomic data only directly comparable to Fabelle | | | | | | | | | | | | | | | | | | | |
| Fabelle (bu/ac) | | | | | 77 | | 59 | | 66 | | 81 | | 81 | | 74 | | | | |
| Fabelle (PBR) | Tannin | C | Yes | 2024 | 100 | 77 | 100 | 5 | 100 | 5 | 100 | 26 | 100 | 32 | 100 | 9 | M | 94 | 534 |
| 219-16 (PBR) | Zero Tannin | W | No | 2023 | 85 | 58 | XX | 3 | XX | 5 | 87 | 22 | 80 | 20 | 83 | 8 | E | 83 | 358 |
| Allison (PBR) | Tannin | C | Yes | 2024 | 99 | 24 | XX | 3 | XX | 0 | 105 | 7 | 95 | 12 | XX | 2 | M | 94 | 508 |
| Dosis (PBR) | Tannin | C | Yes | 2024 | 93 | 18 | XX | 2 | XX | 0 | 105 | 6 | 88 | 8 | XX | 2 | E | 96 | 468 |
| Futura (PBR) | Tannin | C | Yes | 2024 | 102 | 19 | XX | 3 | XX | 0 | 107 | 6 | 98 | 8 | XX | 2 | M | 97 | 531 |
| Snowbird | Zero Tannin | W | No | 2022 | 90 | 51 | XX | 2 | XX | 5 | 91 | 18 | 91 | 19 | 85 | 7 | E | 89 | 478 |
| Victus (PBR) | Tannin | C | Yes | 2024 | 99 | 24 | XX | 3 | XX | 0 | 98 | 8 | 95 | 9 | XX | 4 | M | 95 | 443 |
| Previously tested varieties: 2013 - 2015 (Yield and agronomic data only directly comparable to Snowbird) | | | | | | | | | | | | | | | | | | | |
| Snowbird (bu/ac) | | | | | 84 | | | | | | | | | | | | | | |
| Snowbird | Zero Tannin | W | No | 2015 | 100 | 82 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | E | 89 | 478 |
| CDC Snowdrop | Zero Tannin | W | No | 2015 | 88 | 23 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | E | 87 | 351 |

Remarks: All colored flower types have seed coats that contain tannins and may be suitable for export food markets if seed size and quality match customer demand. Varieties tested for a minimum three years are considered fully tested. New registrations with insufficient data to describe: CDC 1089, CDC 1142, CDC 1310, Hammer, Juno, and Navi (A01155). XX = Insufficient data. NA = data is not available. (PBR) = PBR protection under UPOV 91 and (PBR)* = PBR application filed and subject to provisional protection. ¹Flower Colour: W = white flower, zero tannin; C = colored flower, tannin. ²Maturity: E = early, M = medium.

LENTILS

| Market Class | Variety | Most Recent Year of RVT Testing | Overall Yield | Overall Station Years of Testing | Soil Zone: | | | | Agronomic Characteristics: | | | | | Disease Tolerance: ⁶ | | |
|--|-----------------------------|---------------------------------|---------------|----------------------------------|------------|------------|-----------|------------|----------------------------|------------------------------|-------------------------------|-------------------------------|-----------|---------------------------------|----------------------|--|
| | | | | | Brown | | Black | | Plant Height (cm) | Maturity Rating ³ | Cotyledon Colour ⁴ | Seed Coat Colour ⁵ | Ascochyta | Anthracnose Race 1 | | |
| | | | | | Yield (%) | Site Years | Yield (%) | Site Years | | | | | | | TSW ² (g) | |
| Yield and agronomic data only directly comparable to CDC Maxim (CL) | | | | | | | | | | | | | | | | |
| CDC Maxim (CL) (bu/ac) | | | | 36 | | 34 | | 43 | | | | | | | | |
| Small Red | CDC Maxim (CL) ¹ | 2024 | 100 | 45 | 100 | 36 | 100 | 9 | 40 | 34 | E/M | R | GR | MR | MR | |
| Small Green | CDC 6964 (CL) (PBR)* VUA | 2024 | 100 | 8 | 98 | 7 | XX | 1 | 34 | 35 | E/M | Y | G | MR | MR | |
| Large Green | CDC Grimm (CL) (PBR) | 2022 | 100 | 11 | 95 | 9 | XX | 2 | 75 | 40 | M/L | Y | G | MR | MR | |
| | CDC Lima (CL) (PBR) | 2022 | 94 | 34 | 98 | 26 | 82 | 8 | 74 | 35 | M/L | Y | G | MR | S | |
| Small Green | CDC Jimini (CL) (PBR) | 2022 | 106 | 17 | 107 | 15 | XX | 2 | 38 | 36 | E/M | Y | G | NA | NA | |
| Small Red | CDC 6928 (CL) (PBR)* VUA | 2024 | 103 | 8 | 103 | 7 | XX | 1 | 36 | 36 | E/M | R | GR | MR | MR | |
| | CDC 6930 (CL) (PBR)* VUA | 2024 | 100 | 8 | 99 | 7 | XX | 1 | 37 | 34 | E/M | R | GR | MR | MR | |
| | CDC 6956 (CL) (PBR)* VUA | 2024 | 105 | 8 | 103 | 7 | XX | 1 | 47 | 36 | E/M | R | GR | MR | MR | |
| | CDC Impulse (CL) (PBR) | 2022 | 113 | 16 | 118 | 8 | 108 | 8 | 44 | 37 | E/M | R | GR | MR | MR | |
| | CDC Nimble (CL) (PBR) | 2024 | 116 | 17 | 114 | 12 | XX | 5 | 38 | 35 | E/M | R | GR | MR | MR | |
| | CDC Proclaim (CL) (PBR) | 2023 | 112 | 19 | 116 | 10 | 108 | 9 | 40 | 34 | E/M | R | GR | MR | MR | |
| | CDC Simmie (CL) (PBR) | 2023 | 108 | 19 | 109 | 13 | 107 | 6 | 39 | 34 | E/M | R | GR | MR | MR | |
| Large Red | CDC Monarch (CL) (PBR) | 2024 | 117 | 12 | 117 | 11 | XX | 1 | 51 | 37 | E/M | R | GR | MR | MR | |

Remarks: Weight, diameter and thickness of lentil seeds were dependent upon environmental conditions and agronomic factors. CL[®] = Clearfield[®] variety. (PBR) = PBR protection under UPOV 91, and (PBR)* = PBR application filed and subject to provisional protection. VUA = Variety Use Agreement applied (<http://seeds-canada.ca/variety-use-agreement/>). XX = Insufficient data, minimum requirement for a variety is 6 site years and 2 years of testing. Due to limited regional variety trial data, registration yield data from Alberta sites from 2015-2020, has been included to increase the number of site-years. New registrations with insufficient data to describe: CDC 7030 CL (CDC 7026-13), Small Red; CDC 7208 CL (7208-34), Small Red; CDC 7757 CL (7757-12), Small Red; Rougeaux CL (8630-1-H2-11), Small Red. ¹Yields are reported relative to CDC Maxim (CL). CDC Maxim belongs to Small Red Market Class. ²Thousand Seed Weight. ³Maturity: E = Early, M = Medium, L = Late. ⁴Cotyledon Color: R = Red, Y = Yellow; ⁵Seed Coat Color/Patterns: G = Green, GR = Grey. ⁶Disease tolerance to Ascochyta and Anthracnose - Race 1 (note: there is no genetic resistance to Race 0); S = Susceptible, MR = Moderately Resistant.

FIELD PEA – GREEN

| Variety | Most Recent Year of RVT Testing | Overall Yield | Overall Station Years of Testing | Soil Zone: | | | | | | | | | |
|--|---------------------------------|---------------|----------------------------------|-----------------|------------|------------|------------|-------------|------------|------------|------------|-------------|------------|
| | | | | Brown-irrigated | | Brown | | Black-Short | | Black-mid | | Grey Wooded | |
| | | | | Yield (%) | Site Years | Yield (%) | Site Years | Yield (%) | Site Years | Yield (%) | Site Years | Yield (%) | Site Years |
| Yield data only directly comparable to CDC Limerick | | | | | | | | | | | | | |
| CDC Limerick (bu/ac) | | 67 | | 75 | | 50 | | 77 | | 62 | | 70 | |
| CDC Limerick | 2024 | 100 | 77 | 100 | 6 | 100 | 10 | 100 | 20 | 100 | 26 | 100 | 15 |
| CDC Forest ☺ | 2023 | 108 | 56 | XX | 5 | 110 | 7 | 110 | 13 | 106 | 18 | 111 | 13 |
| CDC Huskie ☺* | 2024 | 114 | 26 | XX | 3 | XX | 3 | 115 | 8 | 115 | 8 | XX | 4 |
| CDC Rider ☺ | 2024 | 108 | 42 | XX | 4 | XX | 5 | 107 | 11 | 107 | 14 | 112 | 8 |
| CDC Spruce [†] ☺ | 2020 | 106 | 32 | XX | 2 | XX | 5 | 109 | 7 | 109 | 11 | 103 | 7 |
| Garde | 2022 | 97 | 27 | XX | 2 | XX | 4 | 99 | 6 | 98 | 9 | 96 | 6 |

Remarks: ☺= PBR protection under UPOV 91. * = PBR application filed and subject to provisional protection. XX = Insufficient data, minimum requirement for a variety is 6 site years and 2 years of testing. [†] Flagged for removal in 2026.

FIELD PEA – GREEN – CONTINUED

| Variety | Agronomic Characteristics: | | | | | Disease Tolerance: | | | Tolerance to: | |
|--|----------------------------|------------------------------|------------------|----------------------|-----------------------------------|------------------------------------|--------------------------------|------------------------|---------------------------------|---------------------------------|
| | Protein (%) | Maturity Rating ¹ | Vine Length (cm) | TSW ² (g) | Standability ³ (1 - 9) | Mycosphaerella Blight ⁴ | Fusarium Root Rot ⁵ | Bleaching ⁶ | Seed Coat Breakage ⁶ | Seed Coat Dimpling ⁷ |
| Agronomic data only directly comparable to CDC Limerick | | | | | | | | | | |
| CDC Limerick (bu/ac) | | | | | | | | | | |
| CDC Limerick | 25.6 | M | 85 | 210 | 3.3 | 3.9 | I | G | G | G |
| CDC Forest ☺ | -1.8 | M | 85 | 230 | 3.2 | 3.9 | I | F | G | G |
| CDC Huskie ☺* | -2.7 | M | 85 | 220 | 2.9 | 3.5 | MR | G | G | G |
| CDC Rider ☺ | -2.1 | M | 85 | 230 | 2.7 | 3.7 | MR | G | G | G |
| CDC Spruce [†] ☺ | -1.5 | M | 85 | 240 | 3.2 | 3.8 | I | G | F | F |
| Garde | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

Remarks: All the green pea varieties listed in the table are Powdery Mildew resistant. ☺= PBR protection under UPOV 91. * = PBR application filed and subject to provisional protection. ¹Maturity: E = Early, M = Medium, L = Late. ²Thousand Seed Weight, g. ³Standability: 1 = Erect, 9 = Flat. ⁴Mycosphaerella blight score (1-9) 1 = no disease, 9 = completely blighted. ⁵Fusarium Root Rot: I = Intermediate, MR = Moderately Resistant. ⁶Tolerance to Bleaching and Seed Coat Breakage: P = Poor, F = Fair, G = Good, VG = Very Good. ⁷Seed Coat Dimpling: VG = Very Good (0 - 5%), G = Good (6 - 20%), F = Fair (21 - 50%). [†] Flagged for removal in 2026. NA = data is not available.

FIELD PEA – YELLOW

| Variety | Most Recent Year of RVT Testing | Overall Yield | Overall Station Years of Testing | Soil Zone: | | | | | | | | | |
|---|---------------------------------|---------------|----------------------------------|-------------------|------------|------------|------------|-------------|------------|------------|------------|-------------|------------|
| | | | | Brown - irrigated | | Brown | | Black-short | | Black-mid | | Grey Wooded | |
| | | | | Yield (%) | Site Years | Yield (%) | Site Years | Yield (%) | Site Years | Yield (%) | Site Years | Yield (%) | Site Years |
| Yield data only directly comparable to CDC Amarillo | | | | | | | | | | | | | |
| CDC Amarillo (bu/ac) | | 74 | | 92 | | 64 | | 80 | | 69 | | 79 | |
| CDC Amarillo | 2024 | 100 | 87 | 100 | 4 | 100 | 10 | 100 | 22 | 100 | 38 | 100 | 13 |
| AAC Aberdeen ☉ | 2022 | 103 | 27 | XX | 1 | XX | 1 | 100 | 9 | 102 | 11 | XX | 5 |
| AAC Ardill ☉ | 2024 | 103 | 54 | XX | 3 | 106 | 6 | 107 | 14 | 103 | 21 | 98 | 10 |
| AAC Barrhead ☉ | 2023 | 99 | 58 | XX | 3 | 91 | 7 | 100 | 14 | 98 | 23 | 104 | 11 |
| AAC Beyond ☉ | 2023 | 101 | 27 | XX | 1 | XX | 1 | 100 | 8 | 103 | 12 | XX | 5 |
| AAC Carver ☉ | 2023 | 104 | 50 | XX | 3 | 99 | 7 | 102 | 11 | 104 | 20 | 110 | 9 |
| AAC Chrome ☉ | 2019 | 109 | 21 | XX | 1 | XX | 2 | XX | 5 | 108 | 8 | XX | 5 |
| AAC Delhi ☉ | 2021 | 104 | 29 | XX | 1 | XX | 4 | 106 | 8 | 101 | 11 | XX | 5 |
| AAC Julius ☉ | 2023 | 101 | 27 | XX | 1 | XX | 1 | 101 | 8 | 103 | 12 | XX | 5 |
| AAC Lacombe ☉ | 2021 | 101 | 47 | XX | 2 | 95 | 6 | 101 | 12 | 101 | 19 | 106 | 8 |
| AAC McMurphy ☉* | 2024 | 103 | 24 | XX | 1 | XX | 2 | 103 | 6 | 105 | 11 | XX | 4 |
| AAC Planet ☉ | 2024 | 104 | 25 | XX | 2 | XX | 2 | 105 | 6 | 105 | 10 | XX | 5 |
| AAC Profit ☉* | 2022 | 106 | 29 | XX | 2 | XX | 5 | 111 | 7 | 106 | 11 | XX | 4 |
| Boost ☉* | 2024 | 102 | 32 | XX | 2 | XX | 3 | 99 | 8 | 103 | 14 | XX | 5 |
| Caphorn ☉* | 2024 | 101 | 32 | XX | 2 | XX | 3 | 98 | 8 | 103 | 14 | XX | 5 |
| CDC 5791 ☉ VUA | 2024 | 108 | 24 | XX | 1 | XX | 2 | 105 | 6 | 113 | 11 | XX | 4 |
| CDC 5845 ☉ VUA | 2024 | 105 | 24 | XX | 1 | XX | 2 | 103 | 6 | 109 | 11 | XX | 4 |
| CDC Canary ☉ | 2023 | 103 | 58 | XX | 3 | 95 | 7 | 104 | 14 | 105 | 23 | 104 | 13 |
| CDC Citrine ☉ | 2024 | 106 | 25 | XX | 2 | XX | 2 | 109 | 6 | 104 | 10 | XX | 3 |
| CDC Hickie ☉ | 2024 | 101 | 25 | XX | 2 | XX | 2 | 105 | 6 | 101 | 10 | XX | 3 |
| CDC Lewochko ☉ | 2023 | 103 | 58 | XX | 3 | 98 | 7 | 104 | 14 | 104 | 23 | 103 | 11 |
| CDC Spectrum ☉ | 2023 | 103 | 64 | XX | 3 | 94 | 7 | 105 | 16 | 105 | 27 | 105 | 11 |
| CDC Tollefson ☉ | 2024 | 105 | 25 | XX | 2 | XX | 2 | 108 | 6 | 106 | 10 | XX | 5 |
| LN4228 ☉ | 2024 | 96 | 54 | XX | 3 | 100 | 6 | 100 | 14 | 93 | 21 | 91 | 10 |
| ProStar ☉* | 2024 | 101 | 32 | XX | 2 | XX | 3 | 95 | 8 | 102 | 14 | XX | 5 |

Remarks: ☉ = PBR Protection under UPOV 78, ☉ = PBR protection under UPOV 91, and ☉* = PBR application filed and subject to provisional protection, and **VUA** = Variety Use Agreement applied (<http://seeds-canada.ca/variety-use-agreement/>). XX = Insufficient data, minimum requirement for a variety is 6 site years and 2 years of testing. New registrations with insufficient data to describe: CDC 6020-11, CDC Boundless (CDC 5779-1), CDC Engage (CDC5947-4), AAC Harrison (P1209-2119).

FIELD PEA – YELLOW – CONTINUED

| Variety | Agronomic Characteristics: | | | | | Disease Tolerance: | | Tolerance to: | | |
|---|----------------------------|------------------------------|------------------|----------------------|---------------------------------|------------------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|
| | Protein (%) | Maturity Rating ¹ | Vine Length (cm) | TSW ² (g) | Standability ³ (1-9) | Mycosphaerella Blight ⁴ | Fusarium Root Rot ⁵ | Seed Coat Breakage ⁶ | Seed Coat Dimpling ⁷ | Green Seed Coat ⁸ |
| Agronomic data only directly comparable to CDC Amarillo | | | | | | | | | | |
| CDC Amarillo (bu/ac) | | | | | | | | | | |
| CDC Amarillo | 23.8 | M | 85 | 230 | 2.9 | 3.9 | MR | F | F | G |
| AAC Aberdeen ☉ | -1.0 | M | 85 | 250 | 3.1 | 3.6 | I | F | F | G |
| AAC Ardill ☉ | -1.3 | M | 85 | 230 | 3.7 | 4.1 | MR | G | G | G |
| AAC Barrhead ☉ | -1.6 | E | 86 | 236 | 3.0 | 4.9 | I | G | G | NA |
| AAC Beyond ☉ | -0.1 | E | 80 | 220 | 3.8 | 4.3 | MR | F | F | G |
| AAC Carver ☉ | -1.5 | E | 85 | 240 | 3.5 | 4.4 | I | G | F | G |
| AAC Chrome ☉ | -1.2 | M | 75 | 240 | 3.6 | 3.9 | I | G | G | G |
| AAC Delhi ☉ | 0.7 | M | 80 | 290 | 3.3 | 4.4 | I | G | F | F |
| AAC Julius ☉ | 0.4 | E | 85 | 210 | 3.3 | 4.2 | MR | G | G | G |
| AAC Lacombe ☉ | -0.7 | M | 85 | 250 | 2.7 | 4.4 | I | F | F | F |
| AAC McMurphy ☉* | 0.9 | M | 85 | 250 | 3.0 | 4.5 | MR | G | F | G |
| AAC Planet ☉ | 1.2 | M | 90 | 220 | 2.6 | 3.9 | MR | G | F | G |
| AAC Profit ☉* | 0.3 | M | 90 | 230 | 4.0 | 3.8 | I | F | G | G |
| Boost ☉* | 0.9 | M | 90 | 230 | 3.8 | 4.3 | MR | G | G | G |
| Caphorn ☉* | 1.6 | M | 80 | 260 | 3.5 | 4.4 | MR | F | G | G |
| CDC 5791 ☉ VUA | 0.9 | M | 90 | 250 | 3.1 | 3.9 | MR | G | G | G |
| CDC 5845 ☉ VUA | 0.3 | M | 90 | 240 | 3.1 | 4.1 | MR | G | G | G |
| CDC Canary ☉ | -0.2 | E | 85 | 230 | 3.1 | 4.3 | I | G | F | F |
| CDC Citrine ☉ | -0.1 | M | 85 | 220 | 3.2 | 3.7 | MR | G | G | G |
| CDC Hickie ☉ | 0.6 | M | 85 | 230 | 2.8 | 2.9 | MR | G | G | G |
| CDC Lewochko ☉ | 0.7 | M | 90 | 230 | 2.8 | 3.8 | I | G | G | G |
| CDC Spectrum ☉ | 0.3 | M | 85 | 240 | 2.9 | 3.7 | I | G | G | F |
| CDC Tollefson ☉ | -0.1 | M | 90 | 240 | 2.7 | 3.8 | MR | G | G | G |
| LN4228 ☉ | 0.4 | M | 77 | 257 | 2.6 | 4.9 | I | F | F | G |
| ProStar ☉* | 1.0 | M | 80 | 250 | 3.2 | 4.2 | MR | G | G | G |

Remarks: All the yellow pea varieties listed in the table are Powdery Mildew resistant. ☉ = PBR Protection under UPOV 78, ☉ = PBR protection under UPOV 91, and ☉* = PBR application filed and subject to provisional protection, and **VUA** = Variety Use Agreement applied (<http://seeds-canada.ca/variety-use-agreement/>). NA = data is not available. ¹Maturity: E = early, M = medium, L = Late. ²Thousand Seed Weight: g. ³Standability: 1 = erect, 9 = flat. ⁴Mycosphaerella blight score (1-9) 1 = no disease, 9 = completely blighted. ⁵Fusarium Root Rot: I = Intermediate, MR = Moderately Resistant. ⁶Tolerance to Seed Coat Breakage: P = poor, F = fair, G = good, VG = very good. ⁷Seed Coat Dimpling: VG = very good (0 - 5%), G = good (6 - 20%), F = fair (21-50%). ⁸Green Seed Coat: G = good (0 - 10%), F = fair (11 - 25%).