

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

KWS[®] Sparrow VB Canada Western Special Purpose Wheat

Description:

KWS[®] Sparrow VB is a very short, strong-stawed special purpose wheat with exceptionally high grain yield and late maturity. KWS[®] Sparrow VB will be ideally suited to intensive management in the long season growing regions of western Canada.

Certified seed of KWS[®] Sparrow VB will be sold as a varietal blend made up of 90% KWS[®] Sparrow and 10% KWS[®] Alderon. Blending with the midge susceptible variety KWS[®] Alderon provides a refuge area for non-virulent midge to survive at low levels, thereby extending the useful life of the *Sm1* midge tolerant gene.

Parentage: (Chablis x Status) x Chablis

Strengths:

- Exceptionally high yield potential
- Excellent lodging resistance
- Very short straw, 82cm
- Large kernels
- Resistant to leaf rust and moderately resistant to stripe rust and stem rust

Neutral Traits:

- Lower test weight than the check varieties

Weaknesses:

- 6 days later maturing than AC[®] Carberry

Breeder:

KWS, United Kingdom

2013-2015 ICMS High Yielding Wheat Private Registration Trials

| Variety | Mean (kg/ha) | Yield as % of AC Andrew | Maturity* (days) | Lodging 1 = erect 9 = flat | Height (cm) | Test Weight (kg/hl) | Kernel Weight (mg/kernel) | Protein % |
|-----------------------------------|--------------|-------------------------|------------------|----------------------------------|-------------|---------------------|---------------------------|-------------|
| AC Andrew | 5574 | 100 | 98 | 1.3 | 84 | 72 | 34.0 | 11.4 |
| 5700PR | 4982 | 89 | 94 | 1.9 | 82 | 74 | 37.2 | 13.3 |
| Pasteur | 5397 | 97 | 100 | 1.2 | 87 | 76 | 36.4 | 12.2 |
| AC [®] Sadash VB | 5405 | 97 | 98 | 1.5 | 86 | 74 | 32.5 | 11.0 |
| KWS[®] Sparrow VB | 5740 | 103 | 101 | 1.1 | 82 | 72 | 35.6 | 12.2 |

For more information, call 1-800-665-7333 or visit www.secan.com

2023 Seed Manitoba - Wheat Comparison

| Variety | Site Years Tested | Yield bu/ac | Protein % | Maturity +/- 99 days | Height +/- 81cm | Spike Awned | Resistance to: | | | | | | | | |
|------------------------|-------------------|-------------|-------------|----------------------|-----------------|-------------|----------------|-----------|------------|-------------|-----------|-----------|-----------|-------------|------------|
| | | | | | | | Lodging | Sprouting | Loose Smut | Common Bunt | Leaf Spot | Stem Rust | Leaf Rust | Stripe Rust | FHB |
| AAC Awesome VB | 33 | 92 | 11.6 | 4 | 10 | Y | G | P | I | I | I | R | MR | R | I |
| AAC Brandon | 97 | 73 | 14.5 | 2 | 0 | Y | VG | P | MR | S | I | R | R | MR | MR |
| AAC Paramount VB | 34 | 87 | 11.5 | 4 | 8 | Y | VG | P | MR | S | --- | I | I | R | MS |
| AC® Sadash VB | 35 | 77 | 10.8 | 4 | 8 | Y | VG | P | I | S | --- | MR | I | R | S |
| KWS® Alderon | 33 | 81 | 12.0 | 9 | -5 | N | VG | F | --- | MS | I | MR | R | MR | --- |
| Pasteur | 39 | 81 | 13.0 | 7 | 5 | N | VG | G | MS | S | I | MR | R | MR | I |
| WPB Whistler | 31 | 83 | 11.9 | 7 | 1 | N | VG | --- | --- | I | --- | R | R | R | I |
| KWS® Sparrow VB | 33 | 83 | 12.6 | 8 | 0 | N | VG | G | --- | I | I | MR | R | MR | --- |

Lodging Ratings: F=Fair; G=Good; VG=Very Good

Disease Ratings: R=Resistant; MR=Moderately Resistant; I=Intermediate; MS=Moderately Susceptible; S=Susceptible

2025 Varieties of Grain Crops for Saskatchewan – Wheat Comparison

| Variety | Years Tested | Yield as % AAC Brandon | | Protein | Resistance to: | | | | | | | | Awns | Stem Solid-ness | Relative Maturity (days) | Seed Weight (mg) | Test Weight (kg/hl) | Height (cm) | |
|------------------------|--------------|------------------------|------------|-------------|----------------|-----------|-----------|-----------|-------------|------------|----------|-----------|-----------|-----------------|--------------------------|------------------|---------------------|-------------|-----------|
| | | Area 1 & 2 | Area 3 & 4 | | Lodging | Sprouting | Stem Rust | Leaf Rust | Stripe Rust | Loose Smut | Bunt | Leaf Spot | | | | | | | FHB |
| AAC Brandon | 6 | 100 | 100 | 14.3 | F | P | R | R | MR | MR | S | I | MR | Y | H | 101 | 35.7 | 80.7 | 81 |
| AAC Awesome VB | 5 | 125 | 126 | -3.0 | F | P | R | MR | R | I | I | I | Y | H | +1 | +4.2 | -1.5 | +7 | |
| AAC Paramount VB | 5 | 122 | 122 | -3.2 | VG | P | I | I | R | MR | S | --- | MS | Y | H | +1 | +0.9 | -2.7 | +7 |
| AC Andrew | 5 | 122 | 124 | -2.9 | G | P | MR | MS | I | S | S | --- | I | Y | H | +1 | +0.4 | -3.0 | +1 |
| AC® Sadash VB | 5 | 127 | 125 | -3.6 | G | P | MR | I | R | I | S | --- | S | Y | H | +1 | -0.4 | -2.7 | +4 |
| Alotta | 2 | 111 | 122 | -2.2 | VG | --- | R | R | R | --- | I | --- | NS | Y | H | +1 | +7.4 | -2.0 | -2 |
| Pasteur | 5 | 112 | 119 | -1.9 | VG | G | MR | R | MR | MS | S | I | I | N | H | +3 | +0.5 | -1.2 | +5 |
| WPB Whistler | 5 | 108 | 116 | -2.6 | VG | F | R | R | R | --- | I | --- | MS | N | S | +3 | +2.1 | -4.5 | -3 |
| KWS® Sparrow VB | 5 | 123 | 125 | -2.5 | VG | G | MR | R | MR | --- | I | I | MR | N | H | +4 | 0.0 | -4.2 | +1 |

VG = Very Good; G = Good; F = Fair; P = Poor; VP = Very Poor; Disease Ratings: R=Resistant; MR=Moderately Resistant; I=Intermediate; MS=Moderately Susceptible; S=Susceptible

2025 Alberta Seed Guide – Special Purpose Wheat Comparison

| Variety | Most Recent Year of Testing | Station years of testing | Overall yield | Yield Category (% AAC Brandon) | | Maturity Rating (Days +/- AAC Brandon) | Protein % | Test Weight (lb/bu) | Kernel Weight g/1000 | Height (cm) | Awns (Y/N) | Resistance to: | | Disease Tolerance: | | |
|----------------------------|-----------------------------|--------------------------|---------------|--------------------------------|----------------|--|-------------|---------------------|----------------------|-------------|------------|----------------|-----------|--------------------|-------------|-----------|
| | | | | Low <77 bu/ac | High >77 bu/ac | | | | | | | Lodging | Sprouting | Bunt | Stripe Rust | FHB |
| 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 |
| Alotta | 2024 | 23 | 117 | 110 | 123 | +1 | -2.7 | 63 | 48 | 82 | Y | VG | XX | I | R | MS |
| KWS® Alderon | 2018 | 37 | 125 | 114 | 129 | +4 | -2.8 | 58 | 41 | 81 | N | VG | F | MS | MR | MS |
| Pasteur | 2023 | 64 | 119 | 111 | 122 | +3 | -2.4 | 63 | 39 | 86 | N | VG | G | S | MR | I |
| WPB Whistler | 2021 | 27 | 120 | 113 | 122 | +3 | -2.6 | 60 | 40 | 78 | N | VG | XX | I | R | MS |
| KWS® Sparrow VB | 2018 | 37 | 126 | 120 | 128 | +4 | -2.6 | 60 | 41 | 85 | N | VG | G | I | MR | MR |

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