

Technical Bulletin

Genes that fit *your* farm.

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Canada's Seed Partner

WPB Whistler Canada Western Special Purpose Wheat



Description:

WPB Whistler is a very short, strong-stawed special purpose wheat with exceptionally high grain yield and late maturity. **WPB Whistler exhibits a solid stem for improved tolerance to wheat stem sawfly.** WPB Whistler will be ideally suited to intensive management in the long season growing regions of western Canada.

Parentage: LW 018W004-01 x Hamlet

Strengths:

- Solid stem for improved Sawfly resistance
- Yield 101% of Pasteur
- Excellent lodging resistance, better than Pasteur
- 4cm shorter than Pasteur
- Resistant to leaf rust, stripe rust and stem rust

Weaknesses:

- Late maturity similar to Pasteur
- Lower test weight than check varieties
- Moderately susceptible to FHB

Breeder:

Wiersum Plant Breeding, Netherlands

PBR 91 Applied For

2016-2017 Special Purpose Coop Registration Trials

| Variety | Mean (kg/ha) | Yield as % Pasteur | Maturity (days) | Lodging 1 = erect 9 = flat | Height (cm) | Test Weight (kg/hl) | Kernel Weight (mg/kernel) |
|---------------------|--------------|--------------------|-----------------|----------------------------|-------------|---------------------|---------------------------|
| Pasteur | 6730 | 100 | 106 | 2.0 | 89.7 | 79.7 | 38.1 |
| AC Andrew | 6541 | 97 | 104 | 2.4 | 89.3 | 75.7 | 35.6 |
| AAC Awesome | 7032 | 104 | 104 | 2.7 | 93.7 | 78.8 | 42.2 |
| WPB Whistler | 6797 | 101 | 106 | 1.6 | 86.0 | 75.9 | 40.7 |

Picture of the solid stem nature of WPB Whistler, Pense, SK 2023



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

2024 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 | 93 | 11.6 | 4 | 10 | Y | G | P | I | I | I | R | MR | R | I |
| AAC Brandon | 109 | 74 | 14.4 | 2 | 0 | Y | VG | P | MR | S | I | R | R | MR | MR |
| AAC Paramount VB | 34 | 88 | 11.5 | 4 | 8 | Y | VG | P | MR | S | --- | I | I | R | MS |
| Alotta | 5 | 96 | 12.4 | 4 | -1 | Y | VG | --- | --- | I | --- | R | R | R | MS |
| Pasteur | 39 | 82 | 13.1 | 7 | 5 | N | VG | G | MS | S | I | MR | R | MR | I |
| WPB Whistler | 31 | 83 | 11.8 | 7 | 1 | N | VG | G | --- | I | --- | R | R | R | I |

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

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

2024 Varieties of Grain Crops for Saskatchewan – Wheat Comparison

| Variety | Years Tested | Yield as % AAC Brandon | | Protein | Resistance to: | | | | | | | | | Awns | Stem Solidness | 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 | G | P | R | R | MR | MR | S | I | MR | Y | H | 101 | 35.9 | 80.7 | 81 |
| AAC Awesome VB | 5 | 125 | 126 | -3.0 | F | P | R | MR | R | I | I | I | I | Y | H | +1 | +4.2 | -1.6 | +8 |
| AAC Paramount VB | 5 | 122 | 122 | -3.3 | VG | P | I | I | R | MR | S | --- | MS | Y | H | +1 | +0.7 | -2.8 | +7 |
| AC Andrew | 5 | 122 | 129 | -3.0 | VG | P | MR | MS | I | S | S | --- | I | Y | H | +1 | +0.1 | -3.1 | +1 |
| AC® Sadash VB | 5 | 128 | 131 | -3.7 | VG | P | MR | I | R | I | S | --- | S | Y | H | +1 | -0.6 | -2.7 | +4 |
| KWS® Alderon | 5 | 126 | 121 | -3.0 | VG | F | MR | R | MR | --- | MS | I | MS | N | H | +4 | +0.1 | -7.4 | -5 |
| KWS® Sparrow VB | 5 | 124 | 125 | -2.6 | VG | G | MR | R | MR | --- | I | I | MR | N | H | +4 | -0.1 | -4.3 | +1 |
| Pasteur | 5 | 112 | 118 | -2.0 | VG | G | MR | R | MR | MS | S | I | I | N | H | +2 | +0.4 | -1.2 | +5 |
| WPB Whistler | 4 | 108 | 118 | -2.9 | VG | F | R | R | R | --- | I | --- | MS | N | S | +3 | +1.5 | -4.6 | -3 |

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
Stem Solidness: H = Hollow, SS = semi-solid, S = solid;

2024 Alberta Seed Guide – Special Purpose and Soft White Spring 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) | | | 83 | 52 | 94 | | | | | | | | | | | |
| AAC Brandon - check | 2023 | 71 | 100 | 100 | 100 | 104 | 14.0 | 63 | 39 | 84 | Y | G | P | S | MR | MR |
| AAC Awesome VB | 2018 | 37 | 128 | 124 | 129 | 0 | -2.5 | 62 | 44 | 92 | Y | G | P | I | R | I |
| AAC Paramount VB | 2019 | 39 | 125 | 116 | 127 | 0 | -3.0 | 61 | 41 | 89 | Y | VG | P | S | R | MS |
| AC Andrew | 2023 | 71 | 118 | 111 | 120 | 0 | -3.0 | 62 | 40 | 85 | Y | VG | P | S | I | I |
| AC® Sadash VB | 2019 | 39 | 125 | 118 | 127 | 0 | -3.2 | 63 | 40 | 88 | Y | VG | P | S | R | S |
| KWS® Alderon | 2018 | 37 | 128 | 116 | 131 | +4 | -2.8 | 58 | 41 | 81 | N | VG | F | MS | MR | MS |
| KWS® Sparrow VB | 2018 | 37 | 128 | 122 | 130 | +4 | -2.6 | 60 | 41 | 85 | N | VG | G | I | MR | MR |
| Pasteur | 2021 | 52 | 119 | 113 | 120 | +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 | F | I | R | MS |

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