

AAC Connect

2-Row Malting Barley

Best FHB resistance in its class with superior yield and short, strong straw

- Malt quality similar to AC Metcalfe, with higher malt extract and friability
- Short, strong straw
- Heavier and plumper kernels

YIELD PERFORMANCE



OVERALL CHARACTERISTICS

| | |
|--------------------------------------|---------------------------------------|
| Maturity | Mid |
| Height | Short |
| Growing Zone | All barley growing areas: AB, SK, MB* |
| Lodging Resistance | Good |
| FHB Resistance | MR |
| Stem Rust Resistance | MR |
| Spot Blotch Resistance | MR |
| Spotted Net Blotch Resistance | MR |

* having the best FHB resistance, it is a good choice for the MB barley growers in areas where Fusarium is a concern

AAC Connect

Technical Information

Seed Manitoba - 2020

| Variety | Yield Bu/ac | Prot. % | Mat +/- 88 days | Height +/- 89 CM | Test Wt +/- 48.7 lb/bu | Resistance level | | | | | | | | |
|--------------|-------------|---------|-----------------|------------------|------------------------|------------------|------------|--------------------|----------|-------------------|--------------------|-------------|-----------|-----|
| | | | | | | Lodge | Loose Smut | Surface Borne Smut | Root Rot | Netted Net Blotch | Spotted Net Blotch | Spot Blotch | Stem Rust | FHB |
| AAC Connect | 104 | 12.5 | 0 | -3 | -0.5 | G | S | R | MS | I | MR | MR | MR | MR |
| AC Metcalfe | 97 | 12.9 | 0 | 0 | 0 | F | R | I | I | S | I | I | MR | I |
| CDC Copeland | 97 | 12.6 | 0 | 5 | -0.5 | F | MS | I | I | I | I | S | MR | I |
| AAC Synergy | 112 | 12.2 | 0 | -3 | -0.4 | G | S | I | I | MR | R | R | MR | MS |
| CDC Bow | 105 | 12.1 | +1 | +3 | +0.5 | G | S | I | MS | S | MR | I | MR | MS |

SK Varieties of Grain Crops - 2020

| Variety | Yield % AAC Synergy | | | Resistance to | | | | | | | | | | |
|--------------|---------------------|----------|-------------------|---------------|-------------------|--------------------|-------------|-------|------------|-------------|----------|-----------|-----|--|
| | Area 1&2 | Area 3&4 | Relative Maturity | Ldg. | Netted Net Blotch | Spotted Net Blotch | Spot Blotch | Scald | Loose Smut | Other Smuts | Root Rot | Stem Rust | FHB | |
| AAC Connect | 97 | 93 | M | G | I | MR | MR | S | S | R | MS | MR | MR | |
| AC Metcalfe | 87 | 86 | M | F | S | I | I | MS | R | I | I | MR | I | |
| CDC Copeland | 92 | 93 | M | F | I | I | S | MS | MS | I | I | MR | I | |
| AAC Synergy | 100 | 100 | M | F | MR | R | R | S | S | I | I | MR | I | |
| CDC Bow | 94 | 93 | M | VG | S | MR | I | MS | S | I | MS | MR | MS | |

Alberta Seed Guide - 2020

| Variety | Yield Category (% AC Metcalfe) | | | | | Agronomic Characteristics | | | | Disease Resistance | | | | | | |
|--------------|--------------------------------|---------------|------------------|--------------------|-------------------|---------------------------|----------------|---------|----------|--------------------|------------|------------|----------|-------|--------------|-----|
| | Overall Yield | Low <75 bu/ac | Med 75-125 bu/ac | High 100-125 bu/ac | V.High >125 bu/ac | Mat. | Test Wt. lb/bu | TKW (g) | Ht. (cm) | Ldg. | Loose Smut | Other Smut | Root Rot | Scald | Net Form blt | FHB |
| AAC Connect | 104 | XX | 108 | 102 | 105 | 0 | 51 | 50 | 80 | G | S | R | MS | S | I | MR |
| AC Metcalfe | 100 | 100 | 100 | 100 | 100 | 0 | 52 | 46 | 79 | F | R | I | I | S | S | I |
| CDC Copeland | 103 | 98 | 104 | 104 | 105 | 1 | 51 | 48 | 83 | F | MS | I | I | S | I | I |
| AAC Synergy | 113 | 119 | 114 | 111 | 113 | 1 | 52 | 49 | 79 | F | S | I | I | S | MR | I |
| CDC Bow | 104 | XX | 106 | 105 | 104 | 1 | 51 | 48 | 77 | VG | S | I | MS | MS | S | MS |

Yield followed by + indicates significantly higher than check, - indicates significantly lower than check, without + or - is not significantly different than check.

Origin: Brandon Research and Development Centre, AAFC

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