

ASK US ABOUT SAVING MONEY ON YOUR SEED TESTS



ESMA (BARLEY, TWO- ROW)

Spring two-row barley with very strong yield levels and an attractive agronomic package. Esma is an exciting new 2-row barley with exceptionally short strong straw and high grain yield potential. Esma is ideally suited to high moisture and high fertility growing conditions of Western Canada. Esma was registered in Ontario as a malt variety but in Western Canada it fits best as a feed barley as its malt profile does not match our normal western malt varieties.

Strengths:

- Yield 129% of AC Metcalfe and 109% of AAC Synergy (2018 & 2019 Ontario Orthogonal Registration Trials)
- 105% of CDC Austenson in SeCan western Canadian EuroBarley trials in 2017 and 2019
- Approximately 14cm shorter than CDC Austenson in SeCan western Canadian EuroBarley trials
- Very good lodging rating, in SeCan western EuroBarley trials Esma rated 1.3 vs 2.7 for CDC Austenson on a 1 to 9 scale where 1 = no lodging and 9 = flat Pictures taken in August 2017 at Bon Accord, AB

Neutral Traits:

- Slightly lower bushel weight compared to Canadian check varieties
 - similar maturity to CDC Austenson
- Intermediate resistance to spot blotch Weaknesses:
 - Susceptible disease resistance rating to FHB and stem rust

AC CONNECT BARLEY

Great yield potential and excellent malt quality attributes. Best FHB resistance in its class with superior yield and short, strong straw.

Maturity: MID

Height: Short

Growing Zone: All barley growing areas – AB, SK, MB

Lodging Resistance: good

FHB Resistance: MR

Stem Rust Resistance: MR

Features:

- High yielding
- Short, strong straw
- Heavier and plumper kernels
- Higher malt extract and friability
- Lower wort viscosity and beta glucan content
- Malt quality similar to AC Metcalfe
- Included on the CMBTC variety recommended list

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AAC HOCKLEY

AAC Hockley, the next generation in genetic potential offering consistent high yields and improved grain protein. This semi-dwarf variety has industry-leading standability, significantly better than all checks and can stand up to an intensive fertilizer management plan. The disease package is excellent, with 'MR' or better for all priority one diseases including FHB

- Consistently high yields
 - Superior standability
 - Short semi-dwarf
- High protein – similar to Carberry
- Unsurpassed disease package ^o Rated 'MR' or better for all Priority 1 diseases
- Next level performance over AAC Brandon and AAC Viewfield in yield, disease resistance and standability



PEDIGREE SEED VARIETIES

Strathmore Seed is connected to the seed industry. Please contact us for pricing, to book your seed varieties or request a crop consult. We will be glad to help you out.

403-934-3421

www.strathmoreseed.ca

CDC AUSTENSON (BARLEY, TWO ROW FEED)

CDC Austenson is a 2-row hulled feed barley with top grain yield and short, strong straw. CDC Austenson produces grain yields higher than Xena along with high test weight and large, plump kernels. CDC Austenson is well adapted across western Canada, and compared to

Xena, has shown improved resistance to prevalent races of net form net blotch, spot form net blotch and spot blotch. This variety is particularly well-suited to producers seeking a top-yielding 2-row feed barley with improved performance over Xena.

Strengths:

- Higher grain yield than Xena
- Large, plump kernels with high test weight (87% plump kernels) • Stronger straw than Xena
 - 2 cm shorter in height than Xena
- Improved leaf disease resistance compared to Xena • Resistant to stem rust Neutral Traits:
 - Medium maturity, similar to Xena
 - Test weight similar to Xena

Weaknesses:

- Susceptible to scald and true loose smut (similar to Xena)

AAC SYNERGY BARLEY

AAC Synergy 2-Row Malt Barley produces heavy, plump kernels and short, strong straw with good resistance to lodging.

Product Benefits

- Desirable malting quality profile
- Good foliar disease resistance
- High yielding (13% higher than AC Metcalfe)

AAC Synergy is widely adapted to all barley growing regions of Western Canada. Description AAC Synergy produces heavy, plump kernels and short, strong straw with good resistance to lodging. With a combination of high yield, good foliar disease resistance and excellent malting quality, AAC Synergy is a strong option for western Canadian barley producers and the malting and brewing industry. End-use quality AAC Synergy has a desirable malting quality profile with higher malt extract than AC Metcalfe and CDC Copeland, as well as consistently lower beta-glucan content and viscosity.

AAC Wheatland Wheat

AAC Wheatland VB is a very high yielding semidwarf CWRS with excellent lodging tolerance and intermediate resistance to FHB. It is also tolerant to the orange wheat blossom midge. Certified seed of AAC Wheatland VB will be sold as a varietal blend made up of 90% AAC Wheatland and 10% AAC Brandon. Blending with the midge susceptible variety AAC Brandon provides a refuge area for non-virulent midge to survive at low levels, thereby extending the useful life of the Sm1 midge tolerance gene.

Strengths:

- Good sprouting resistance •
- Resistant to stem rust, leaf rust and loose smut •
- Moderately resistant to bunt •
- Good milling characteristics including high falling number during registration trials

Neutral Traits:

- Grain protein potential similar to AC® Carberry •
- Maturity similar to AC® Carberry •
- Intermediate resistance to FHB and stripe rust

Weakness: • Susceptible to leaf spot



CDC COPELAND BARLEY

CDC Copeland (barley) is a two-rowed malting barley developed at the University of Saskatchewan by Dr Bryan Harvey and Dr Brian Rossnagel. It was registered for sale in Canada in 1999. The variety was named after William Copeland, a farmer in the Elrose area of Saskatchewan in recognition of his support of the barley program. CDC Copeland is a good blending variety and favored by several large breweries. It is a favorite of farmers and is widely grown in western Canada.

Strengths:

- “Recommended” status from the Canadian Malting Barley Technical Centre
- Moderate resistance to net blotch (similar to Manley)
- Better stem rust resistance than Manley and Harrington
- Much stronger straw than Harrington, slightly stronger straw than Manley
- Higher test weight and plumper kernels than Manley, kernel plumpness similar to Harrington
- Much lower beta-glucan than Harrington and Manley
- Excellent malting quality

Neutral Traits:

- 7 cm taller than Harrington, 5 cm taller than Manley
- Susceptible to Scald and Septoria as are Manley and Harrington

Weaknesses:

- Susceptible to loose smut
- More susceptible to common root rot than Manley

AAC HODGE VB

AAC Hodge VB is a new midge tolerant CWRS that will set new yield expectations for the Western Canadian grower. This variety was the highest yielding CWRS ever to be registered to date. Extremely strong standability and an exceptional disease resistance package including an ‘MR’ for FHB and ‘R’ for all other priority one diseases. This variety has high performance with high yields and high levels of protection. It is expected to be suitable for ethanol production.

AAC BRANDON WHEAT

AAC Brandon is an awned, semi-dwarf CWRS variety that when compared to AC® Carberry has +5% grain yield, 0.5 days earlier maturity, 1 cm shorter and similar lodging tolerance, and excellent disease resistance package. AAC Brandon is well adapted across western Canada but will be especially attractive to wheat producers in the high yielding areas of the Prairies who desire a short, strong strawed variety with good FHB resistance.

Strengths:

- Grain yield 105% of AC® Carberry, over all sites in 2009 to 2011 Coop Registration trials
 - 1 cm shorter than AC® Carberry
- Lodging resistance similar to AC® Carberry (slightly weaker)
- Moderately resistant to FHB • Resistant to leaf rust and stem rust
- Moderately resistant to stripe rust • Large seed size, similar to Superb
- ½ day earlier maturing compared to AC® Carberry

Neutral Traits:

- Falling # similar to checks
- Grain protein -0.3% of AC® Carberry

Weaknesses:

- Susceptible to common bunt
- Poor rating to sprouting tolerance

AAC PROFIT PEAS

A high yielding yellow pea and a top variety in the black soil zone for customers who are looking to fill their bins with big volumes of the highest protein peas that food processors are looking for.

- High yields, especially in black soil zone
- “Preferred” variety of fractionators

Strengths:

- Yield: AAC Profit is 18% higher than CDC Golden and 8% higher than Agassiz over 17 location-years in the 2011-2012 Field Pea Cooperative Registration Test.

Seed shape:

- AAC Profit has rounder shape than the check varieties