

# New Variety Update

## Spring 2019



### 2018 vs 2017 CWRS varieties

IU Group	Variety 2017	Variety Name 2018	Total Acres
Wheat - HRSW	BRANDON AAC	BRANDON AAC	1,743,911
	UTMOST CDC	UTMOST CDC	454,919
	PLENTIFUL CDC	PLENTIFUL CDC	377,433
	CARDALE	CARDALE	326,080
	CARBERRY	LANDMARK CDC	301,993



# AAC Brandon CWRS

2015

- Parentage: Superb/CDC Osler//ND744  
( AC Carberry Parentage: Alsen /Superb)
- Replacement for AC<sup>®</sup> Carberry
- Awned, Semi-dwarf
- Yield: 5% > AC<sup>®</sup> Carberry
- MR (Good) rating for FHB
- 1 cm shorter than AC<sup>®</sup> Carberry
- Maturity: ½ day < AC<sup>®</sup> Carberry
- Resistant to leaf, stem stripe rust



AAC Brandon – Elstow 2015

## AAC Elie CWRS (2015)



- Short Stature
- Semi Dwarf
- Awned
- Strong I for FHB
- High TWT
- Sprouting = Fair
- High Yield
- Mid Protein
- Improved Leaf Spotting
- Sister to AAC Brandon

ALLIANCE SEED



# AAC Redwater CWRS 2016

- Parentage: AC Intrepid//Harvest/Mckenzie
- A better “Harvest”
- Early – 5 days earlier than AC Carberry
- Lodging = Fair
- Height = +9 cm
- Yield: 102% > AC Carberry
- FHB: Intermediate (Fair)
- Very Good sprouting tolerance



## CDC Titanium VB

- Crop Production Services
  - Launch 2016
  - Midge Tolerant (awned) Yld 108 to 110% of Carberry
  - Height = +11 cm (Shorter than CDC Utmost +12)
  - FHB = MR
  - Sprouting = Poor
  - Lodging = Poor
  - (Bearded CDC Utmost with better FHB)



## New CWRS Varieties for 2017

- AAC Jatharia VB
- AAC Cameron VB
- AAC Connery - Awnless
- AAC Prevail VB
- CDC Bradwell – tall semi-dwarf



## AAC Jatharia VB

midge tolerant CWRS (2017)

- Parentage: includes AC Kane, McKenzie, Grandin, Caldwell
- AC Unity VB replacement – stronger straw
- Awned
- Yield: 4% > AC<sup>®</sup> Unity VB
- Maturity = AC Carberry
- FHB = Intermediate (Fair)
- High falling #
- Lodging = Fair

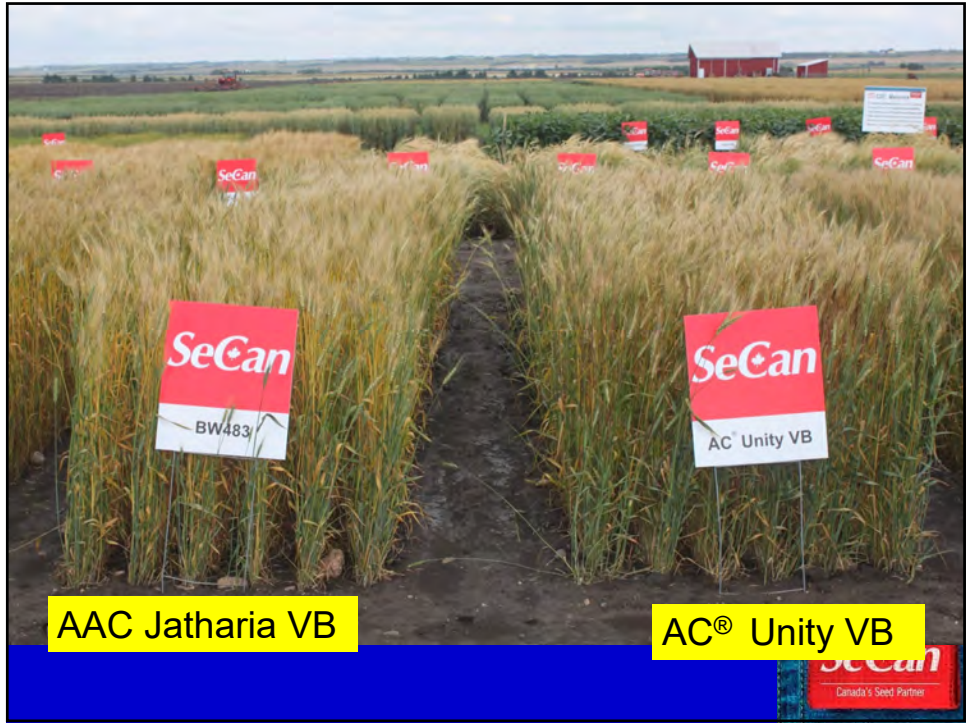


## 2011– 2013 Central Bread Wheat Coop

	Yield % Unity	Mat days	Height cm	Ldg 9=flat	Kernel Wt (mg)	2011-13 Grain Protein %	2011-13 Falling #
AC Unity VB	100	95	97	3.6	33.0	14.5	450
5603HR	94	97	97	2.4	31.7	14.3	440
<b>AAC Jatharia VB</b>	<b>104</b>	<b>96</b>	98	<b>2.3</b>	<b>34.0</b>	<b>14.4</b>	<b>430</b>

Superb = 37.2 mg seed size





AAC Jatharia VB

AC® Unity VB

## AAC CAMERON VB CWRS

A very high yielding CWRS with resistance to the orange blossom wheat midge.

Maturity	Height	Lodging	FHB	Stripe Rust	Leaf Rust	Stem Rust
M	+3	VG	I	S	MR	MR

- New for 2017 planting
- Higher yielding than Unity VB with significantly better lodging resistance
- Improved FHB resistance
- Resistance to leaf and stem rust
- Varietal blend with Carberry for midge-susceptible refuge
- Awned



FOR THE  
**LOVE**  
of SEED





# AAC CONNERY CWRS

Takes inputs and won't fall down – an awnless variety that combines big yields and early maturity with the benefits of short, strong straw.

Maturity	Height	Lodging	FHB	Stripe Rust	Leaf Rust	Stem Rust
E	-12	VG	MR	R	MR	R

- Broad adaptation
- Higher protein
- Semi-dwarf stature- suitable for intensive management
- Improved FHB rating
- Holds its colour and grade
- Awnless



FOR THE  
**LOVE**  
of SEED



# AAC Prevail VB CWRS (Launching 2017)



- ✓ Midge Tolerant – Awnless
- ✓ 112 to 108% of Carberry
- ✓ High grade retention similar to Unity
- ✓ Lodging = Fair
- ✓ Sprouting = Good
- ✓ Excellent protein retention
- ✓ Resistance to all rusts
- ✓ FHB = Intermed
- ✓ Ht = 21 cm > Carberry



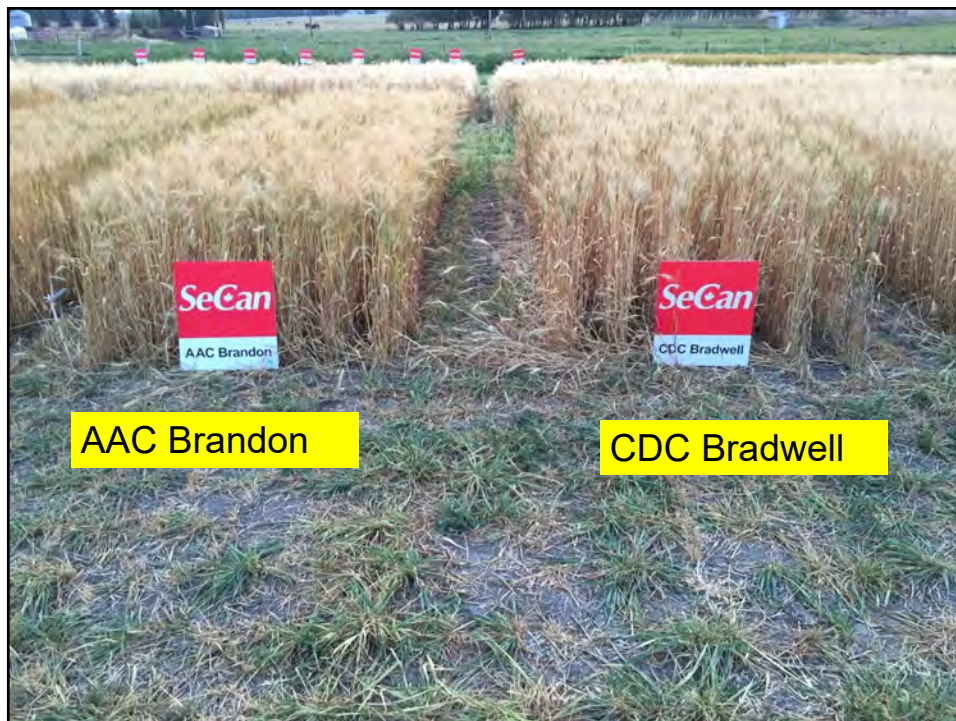
**ALLIANCE SEED**

# AAC Prevail VB CWRS



## CDC Bradwell CWRS (2017)

- Parentage includes: 5602HR & AC Elsa
- Yield 100% to 107% of Carberry
- Lodging = Very Good
- Egg laying deterrence against Midge??
- FHB = Intermediate (Fair)
- Height = +9 cm > Carberry
- Awned, hollow stem
- Maturity = 1 day earlier than Carberry



AAC Brandon

CDC Bradwell



AC® Stettler

CDC Bradwell



CDC Bradwell

## New CWRS for 2018

- CDC Landmark VB (2018) – semi-dwarf
- AAC Viewfield (2018) – semi-dwarf
- SY Slate – Syngenta – Ldg = Poor,  
– Sprout = Poor, FHB = Intermed, Yld 102% to  
108%. Ht +7 cm,



# AAC Viewfield CWRS

(available 2018)

- Awned (FP Genetics)
- Yield: 109% to 105% of Carberry
- Lodging = Very Good
- Sprouting = Good
- Height = -3cm < Carberry (shortest)
- FHB = Intermediate (Fair)
- Maturity = -1 day < Carberry



## CDC Landmark VB CWRS

(available 2018)

- Awned (FP Genetics) (midge tolerant)
- Yield: 111% to 114% of Carberry (2018 SK Seed Guide)
- Lodging = Good
- Sprouting = Good
- Height = +3cm > Carberry
- FHB = Intermediate (Fair)
- Maturity = -1 day < Carberry



## New CWRS for 2019

- AAC Tisdale CWRS - SeCan
- AAC Redberry CWRS - Alliance
- CDC Adamant VB - FPGenetics



## CDC Adamant VB

- FPGenetics
- Launch 2019
- Yld 108% to 114% of AC Carberry
- FHB = Intermediate
- Height 3 cm > Carberry
- Lodging = Poor



## AAC Tisdale CWRS (PT250)

- **Launch 2019**
- Awned, semi-dwarf
- Yld = 100% to 109% of Carberry
- **FHB = MR**
- **Early Maturity: 2 days earlier than Carberry**
- **Protein 0.7% > Carberry**
- Lodging & Sprouting = Fair

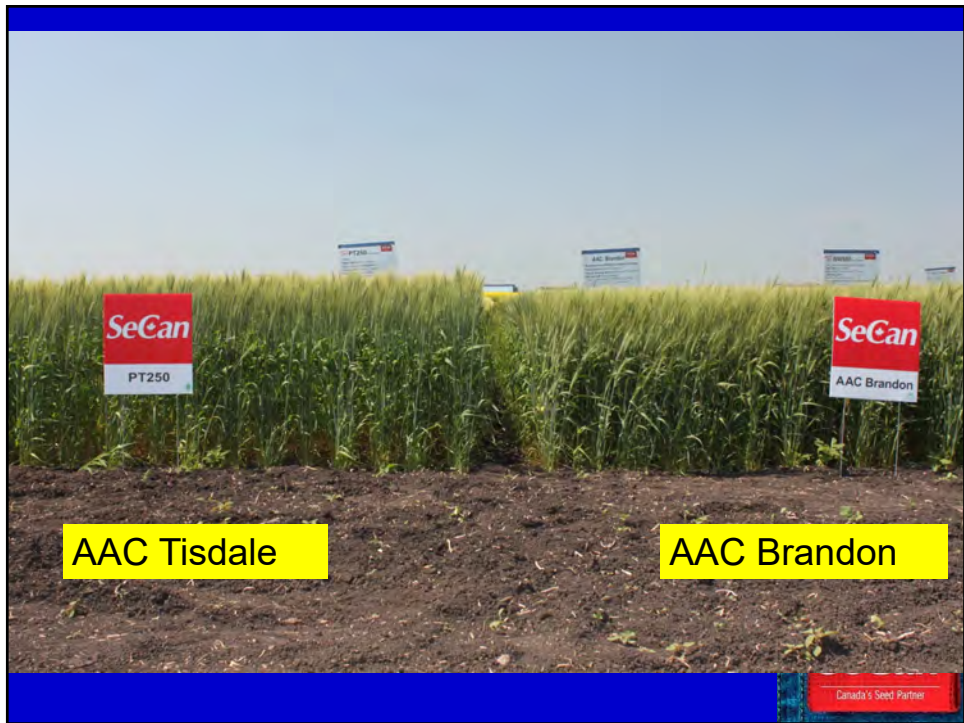





## AAC Tisdale CWRS (PT250)

- Very large seed size
- Ht and Ldg = Glenn
- 8 cm taller and weaker straw than AC<sup>®</sup> Carberry
- Resistant to leaf and stem rust
- Mod resistant to bunt and loose smut
- Mod Suscept to stripe rust









**AAC REDBERRY**  
CANADA WESTERN SPRING WHEAT

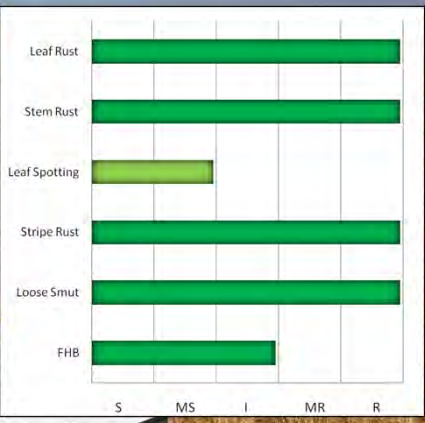
# Agronomic Summary

**AAC Redberry – Enjoy the Fruits of your Labour!**

- 1) Excellent HVK
- 2) 108% higher yielding than Carberry, 115% of checks through registration trials
- 3) 3 to 5 days earlier maturing
- 4) FHB intermediate
- 5) Good Sprouting Resistance
- 6) High Test Weight

**Breeder:** AAFC  
**Legal Name:** AAC Redberry  
**Parentage:** Glenn / Stettler  
**Awned:** Yes  
**Height:** Mid height Semi Dwarf – 93 cm  
           - Height: 6 cm taller than AC Carberry  
**Lodging:** Good - 2.2 (1-Erect 9 – Flat Carberry 1.3, Lillian 3.8)  
**Yield:** 108% of Carberry  
**Class:** CWRS  
**FHB:** Intermediate

### Disease Summary



Disease	S	MS	I	MR	R
Leaf Rust	0	0	0	0	0
Stem Rust	0	0	0	0	0
Leaf Spotting	0	0	0.5	0	0
Stripe Rust	0	0	0	0	0
Loose Smut	0	0	0	0	0
FHB	0	0	0.5	0	0

## New CWRS for 2020

- AAC Alida VB
- AAC Warman VB



**SeCan**  
Canada's Seed Partner

## AAC Aida VB CWRS (BW980)

- Launch 2020
- AAFC – Richard Cuthbert
- Parentage: AC<sup>®</sup> Carberry/99B61-AY30B5
- Awned, semi-dwarf
- Midge Tolerant (refuge to be determined)
- Yield 105 to 108% > AC<sup>®</sup> Carberry
- Maturity = AC<sup>®</sup> Carberry
- Height 6 cm taller than AC<sup>®</sup> Carberry



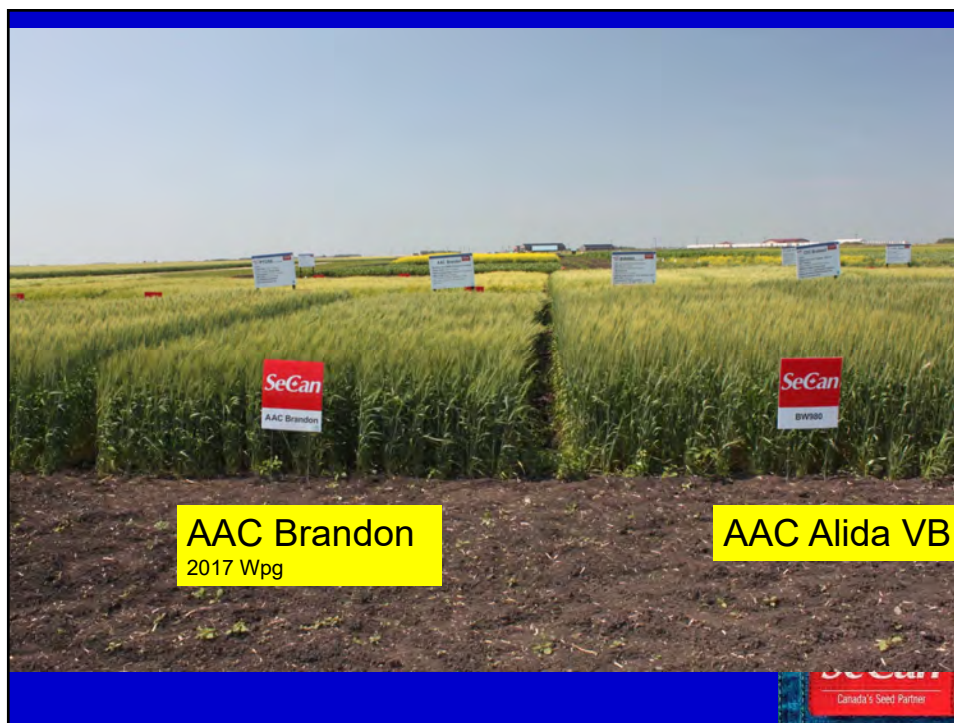
## AAC Aida VB CWRS (BW980)

- **FHB = MR**
- **Low DON accumulation**
- **Very Good Lodging resistance**
- **Very Good sprouting resistance**
- Resistant to: leaf rust, stem rust, stripe rust and loose smut
- Intermediate to bunt
- Protein 0.1% > AC<sup>®</sup> Carberry



## 2013 – 2016 Western Bread Wheat Coop Trial

	Yield % Carberry	Mat days	Height cm	Ldg 9=flat	Kernel Wt (mg)	Grain Protein %	Falling #
Carberry	100	101	85	1.6	35.6	14.5	370 (F)
Viewfield	106	101	80	1.6	33.7	14.4	398 (G)
Glenn	100	101	93	2.0	34.4	14.3	327 (F)
<b>Unity</b>	105	98	99	<u>3.7</u>	34.5	<u>14.1</u>	433 (VG)
<b>AAC Alida</b>	<u>104</u>	<b>101</b>	<u>91</u>	<u>1.7</u>	<b>36.7</b>	<b>14.6</b>	<b>416 (?)</b>









## AAC Warman VB CWRS

- To be offered: Fall 2017
- AAFC – Santosh Kumar
- Parentage: BB07A\*A637/Kane
  - (Alsen and Kane background)
- Awned, conventional height
- Midge Tolerant (refuge = AAC Tisdale)
- Yield 111% > AC<sup>®</sup> Carberry
- Maturity 3 days earlier than AC<sup>®</sup> Carberry
- Height 13 cm taller than AC<sup>®</sup> Carberry



## AAC Warman VB CWRS

- **FHB = MR**
- **Low DON accumulation**
- Resistant to: leaf rust, stem rust, and loose smut
- Mod Suscept to stripe rust, Suscept to bunt
- Stronger straw than AC<sup>®</sup> Unity
- Protein 0.6% < AC<sup>®</sup> Carberry

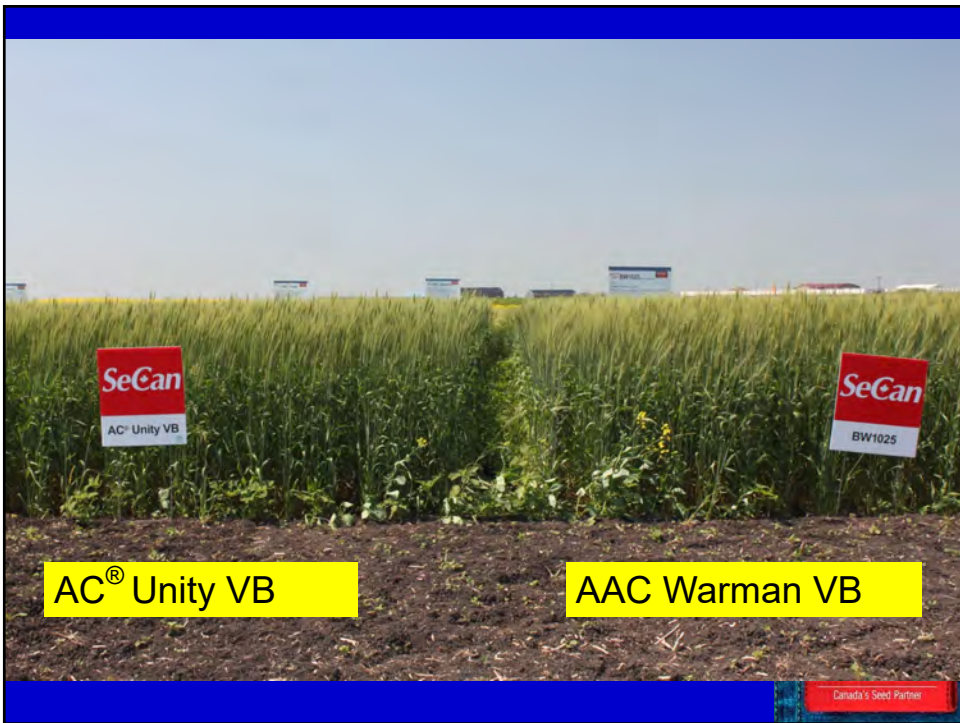
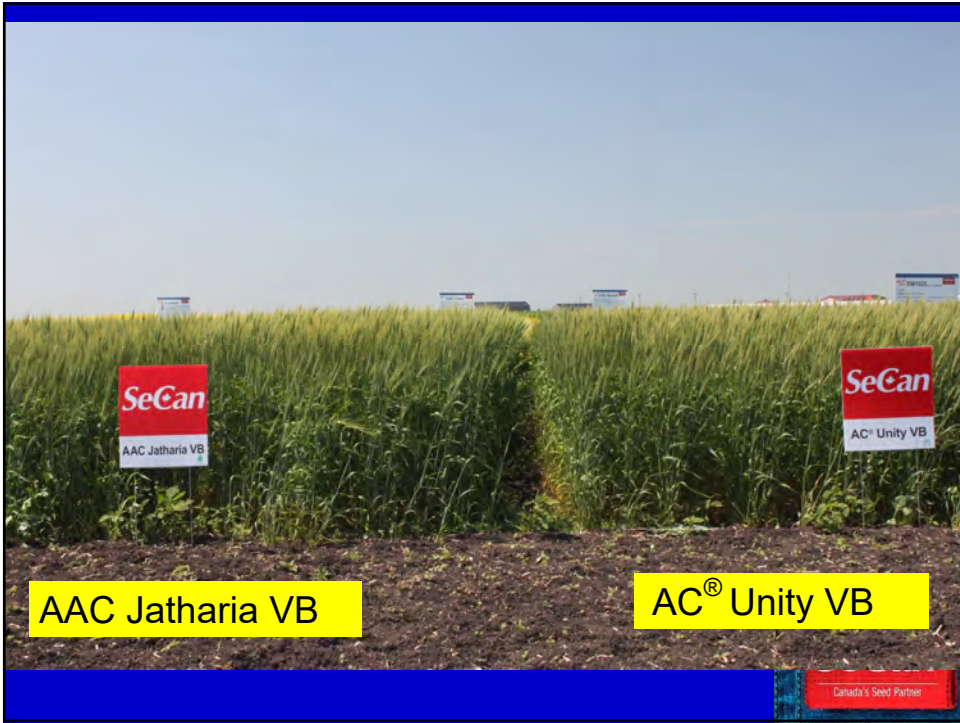


## 2014 – 2016 Central Bread Wheat Coop Trials

	Yield % Carberry	Mat days	Height cm	Ldg 9=flat	Kernel Wt (mg)	Grain Protein %	Falling #
Carberry	100	96	84	1.7	31.9	15.0	343
Unity	108	92	98	3.0	31.5	15.0	412
Glenn	99	95	91	1.8	31.9	14.9	312
<b>Viewfield</b>	102	95	78	1.5	29.7	<u>2</u>	345
<b>Warman</b>	<u>111</u>	<b>93</b>	<u>95</u>	<u>2.6</u>	<b>31.8</b>	<b>14.7</b>	<b>310</b>

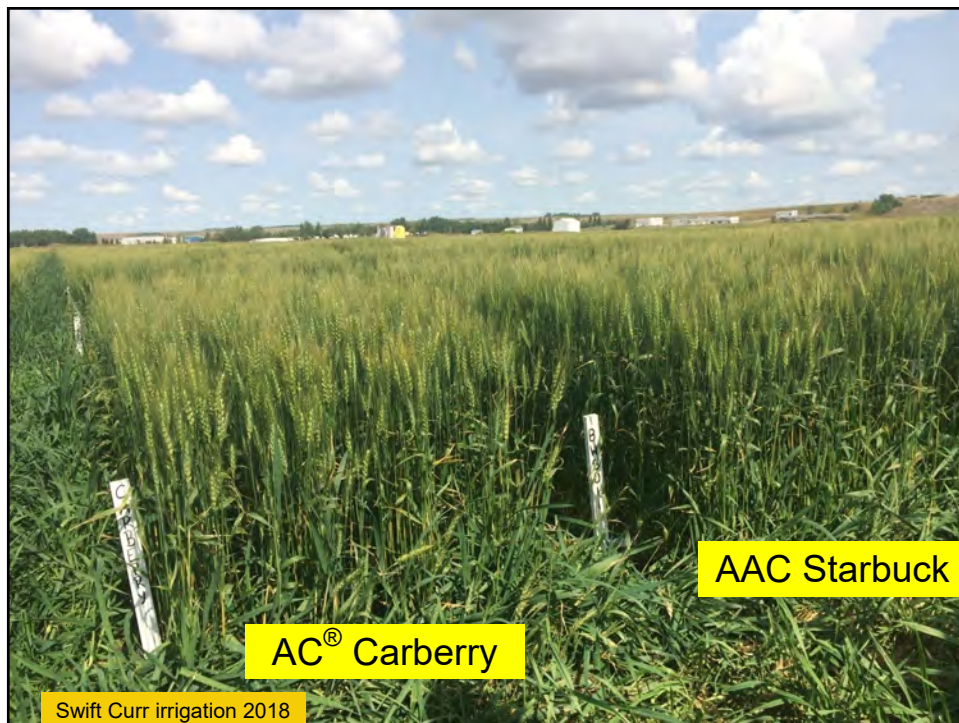


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## New CWRS for 2021

- AAC Starbuck VB
- AAC Wheatland VB



## AAC Starbuck CWRS (BW5011)

- Launch: 2021
- AAFC – Richard Cuthbert
- Parentage: Griffon/BW876//Carberry
  - (Superb, Alsen, Grandin, Caldwell, Augusta)
- Awned, semi-dwarf
- Midge Tolerant (refuge = AAC Brandon)
- Yield 113 to 117% > AC<sup>®</sup> Carberry
- Maturity 1day < AC<sup>®</sup> Carberry
- Height = 3 cm > AC<sup>®</sup> Carberry



## AAC Starbuck CWRS (BW5011)

- **FHB = MR**
- Low DON accumulation
- Resistant to: leaf & stripe rust, loose smut
- Intermediate to stem rust
- Susceptible to bunt
- Lodging slightly weaker than AC<sup>®</sup> Carberry
- Protein = AC<sup>®</sup> Carberry
- **High falling number**



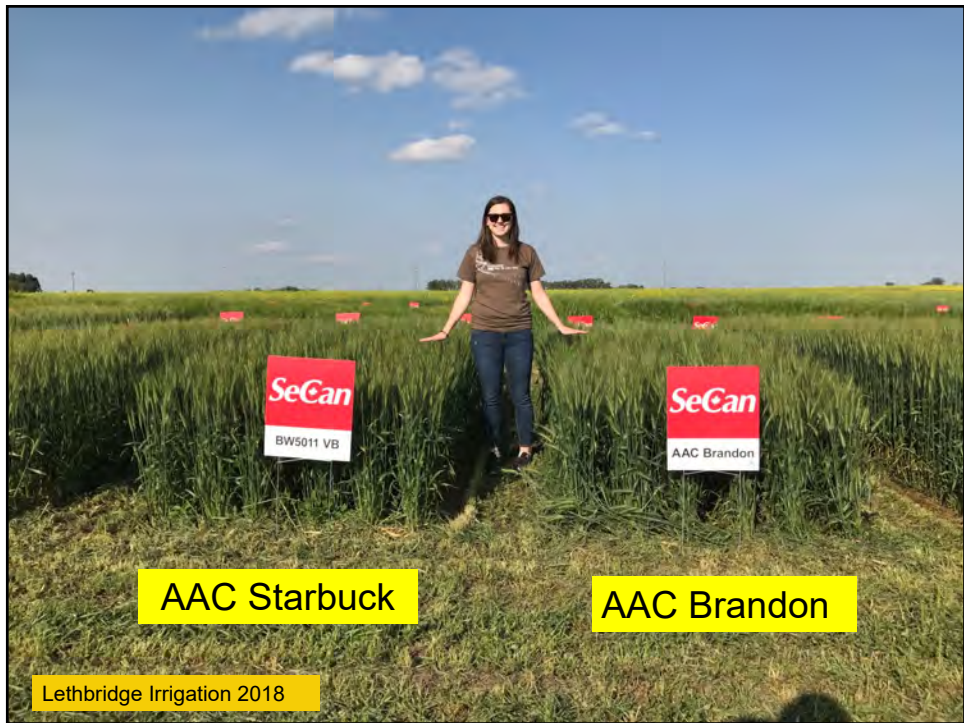
## 2015 – 2017 Western Bread Wheat Coop Trial

	Yield % Carberry	Mat days	Height cm	Ldg 9=flat	Test Wt Kg/hL	Kernel Wt (mg)	Grain Protein %	Falling #
Carberry	100	100	82	1.8	64.2	34.6	14.6	362 (F)
Viewfield	109	100	77	1.7	64.9	32.6	14.6	397 (G)
Glenn	98	100	88	2.1	66.2	33.5	14.6	317 (F)
<b>Unity</b>	104	97	93	<u>3.4</u>	64.3	33.0	<u>14.3</u>	415 (VG)
<b>Starbuck</b>	<u>114</u>	101	<u>82</u>	<u>2.1</u>	<b>64.9</b>	<b>35.1</b>	<b>14.6</b>	<b>395 (?)</b>



AAC Starbuck – Kernen 2017













## AAC Wheatland CWRS (BW5013)

- To be offered: Fall 2018
- AAFC – Richard Cuthbert
- Parentage:BD94B\*D0248/\*2 Carberry  
(Carberry = Alsen / Superb)
- AwneD, semi-dwarf
- Midge Tolerant (refuge = AAC Brandon)
- Yield 112% > AC<sup>®</sup> Carberry
- Maturity 0.4 day > AC<sup>®</sup> Carberry
- Height 1 cm < AC<sup>®</sup> Carberry



## AAC Wheatland CWRS (BW5013)

- **FHB = Intermediate**
- Resistant to: stem & leaf rust
- Moderately resistant to: bunt & loose smut
- Intermediate to stripe rust
- Lodging slightly stronger than AC<sup>®</sup> Carberry
- Protein 0.1% < AC<sup>®</sup> Carberry
- **High falling number**




## 2015 – 2017 Western Bread Wheat Coop Trial

	Yield % Carberry	Mat days	Height cm	Ldg 9=flat	Test Wt Kg/hL	Kernel Wt (mg)	Grain Protein %	Falling #
Carberry	100	100	82	1.8	64.2	34.6	14.6	362 (F)
Viewfield	109	100	77	1.7	64.9	32.6	14.6	397 (G)
Glenn	98	100	88	2.1	66.2	33.5	14.6	317 (F)
<b>Unity</b>	104	97	93	<u>3.4</u>	64.3	33.0	<u>14.3</u>	415 (VG)
<b>Starbuck</b>	<u>114</u>	<u>101</u>	<u>82</u>	<u>2.1</u>	<u>64.9</u>	<u>35.1</u>	<u>14.6</u>	<u>395</u>
<b>Wheatland</b>	<u>112</u>	<u>101</u>	<u>81</u>	<u>1.7</u>	<u>64.6</u>	<u>34.6</u>	<u>14.5</u>	<u>408</u>







**CANADIAN AGRICULTURAL PARTNERSHIP**  
 Innovate. Grow. Prosper.







### 2018 vs 2017 Special Purpose

IU Group	Variety 2017	Variety 2018	Total Acres 2018
Wheat – CPS (SCIC)	PASTEUR	PASTEUR	102,682
	SADASH	SADASH	82,746
	ANDREW AC	ANDREW AC	72,913
	PENHOLD AAC	PENHOLD AAC	46,897
	CONQUER	ROWYN SY	22,737
	CRYSTAL AC		

\*IU Group includes commercial, pedigree and organic acres.





## AAC Tenacious VB (2017)

-  **R rated for FHB**
-  **R rated for Leaf Rust**
-  **R rated for Stripe Rust**
-  **R rated for Loose Smut**
-  **MR rated for Stem Rust**
-  **MR rated for Bunt**



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## AAC Tenacious VB (Launch 2017)

-  **Wheat Midge tolerance (sm1)**
-  **2 days earlier maturing than Carberry**
-  **25cm > Carberry**
-  **Yield 99 to 109% of Carberry**



ALLIANCE SEED



## AAC Penhold CPS Red Wheat 2016

- AAFC – Swift Current
- Shortest, strongest strawed CPS Red Wheat
- 108 to 114% of AC Carberry
- FHB = MR (Good)
- 2 days earlier than AC Carberry
- 0.5% to 1% higher protein than other CPS
- Very good resistance to sprouting, lodging





## Record yields with AAC Penhold

### Building a 137 bushel CPS crop

It's the whole agronomic program that will allow farmers to push yields to new limits

7 28

By Lee Hart  
Field Editor

Published: November 25, 2015  
Cereals, Crops  
1 Comment

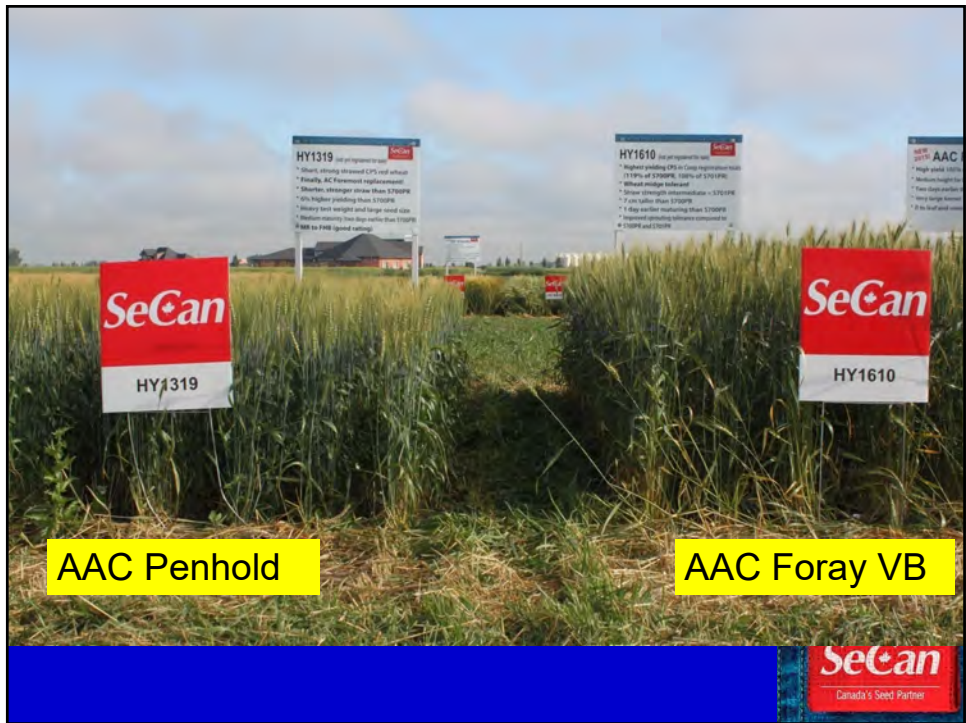
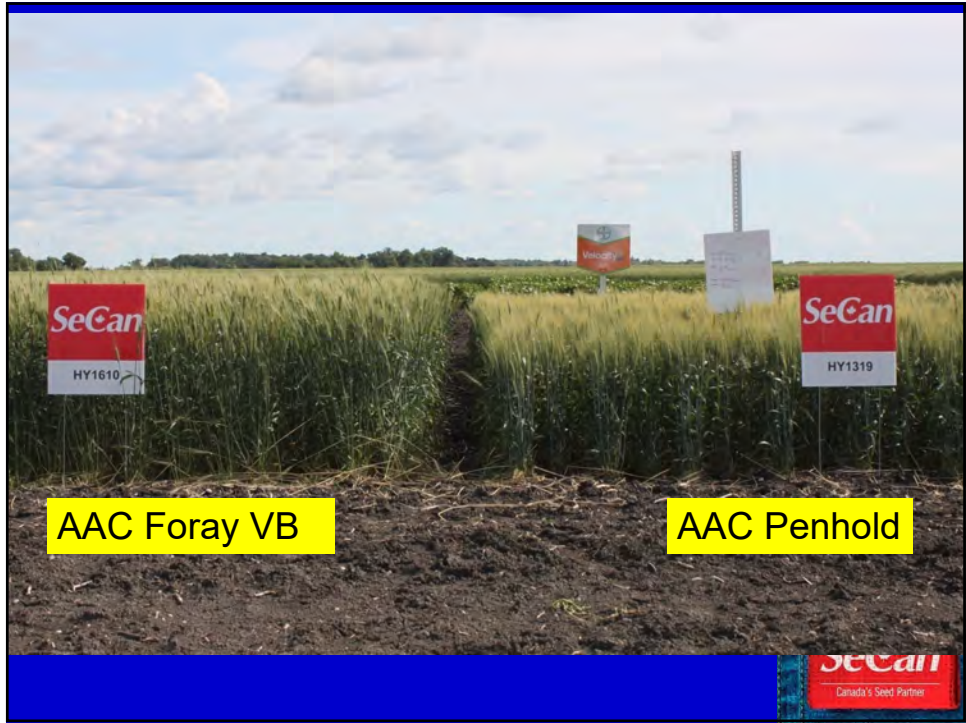


Photo: Fred Wood

Achieving a 137 bushel per acre yield on CPS wheat in a relatively dry year is certainly noteworthy, but Fred Wood, an Alberta consulting agronomist says the real story is about the benefits of having a complete agronomy program.

Varieties are important to some extent, says Wood who owns Meridian Ag Consulting, but the real key is a whole package of inputs and management which makes it







## AAC Foray VB CPS Red Wheat 2016

- AAFC Winnipeg – Doug Brown
- Top Yield, Midge tolerant
- Refuge: AAC Penhold
- Yield 116 to 120% of Carberry
- FHB = Intermed
- 1 day < Carberry
- Height 8 cm > Carberry




## AAC Innova CWGP



- High yields, 128% to 132% of Carberry
- Good Straw Strength
- Improved Threshing efficiency
- -3 days maturity vs Pasteur
- FHB = Susceptible







SY Rowyn  
CPSR  
CANADA PRAIRIE SPRING WHEAT

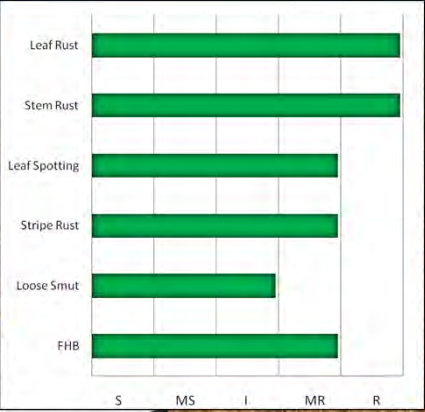
# Agronomic Summary

**SY Rowyn – Get Growin’ with Rowyn**


- 1) Short, strong straw for ease of harvest
- 2) High yields, averaging 115% of top yielding CWRS lines
- 3) 1 day earlier maturing than Carberry CWRS
- 4) Minimal protein loss to CWRS class
- 5) Excellent disease resistance, including a **strong MR rating for Fusarium Head Blight**

**Breeder:** Syngenta Canada, Inc.  
**Legal Name:** SY Rowyn  
**Parentage:** AgriPro experimental DNS lines  
**Awned:** Yes  
**Height:** Short, Semi Dwarf. -2cm to 5700PR  
**Lodging:** Very Good 1.9 Average  
**Yield:** Average 115% 5700PR. Field observed as high as 158%  
**Class:** CPSR Canada  
           DNS USA  
**PBR:** PBR 91

### Disease Summary



Disease	S	MS	I	MR	R
Leaf Rust					
Stem Rust					
Leaf Spotting					
Stripe Rust					
Loose Smut					
FHB					





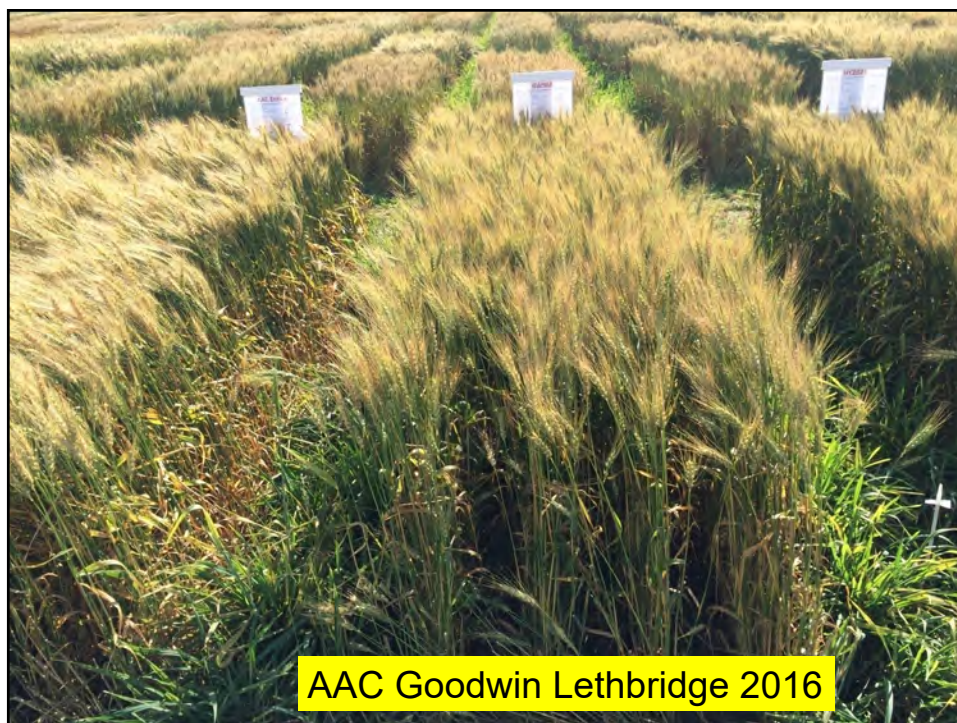
## AAC Goodwin CPS Wheat (BW968)

- **Launch: Spring 2019**
- Parentage: Carberry x AC Cadillac
- **FHB = Intermed**
- **Yld = 114% of Carberry**, 109% of Unity
- Yield similar to Penhold??
- Mat = Carberry
- Ht = Carberry
- Lodging slightly weaker than Carberry



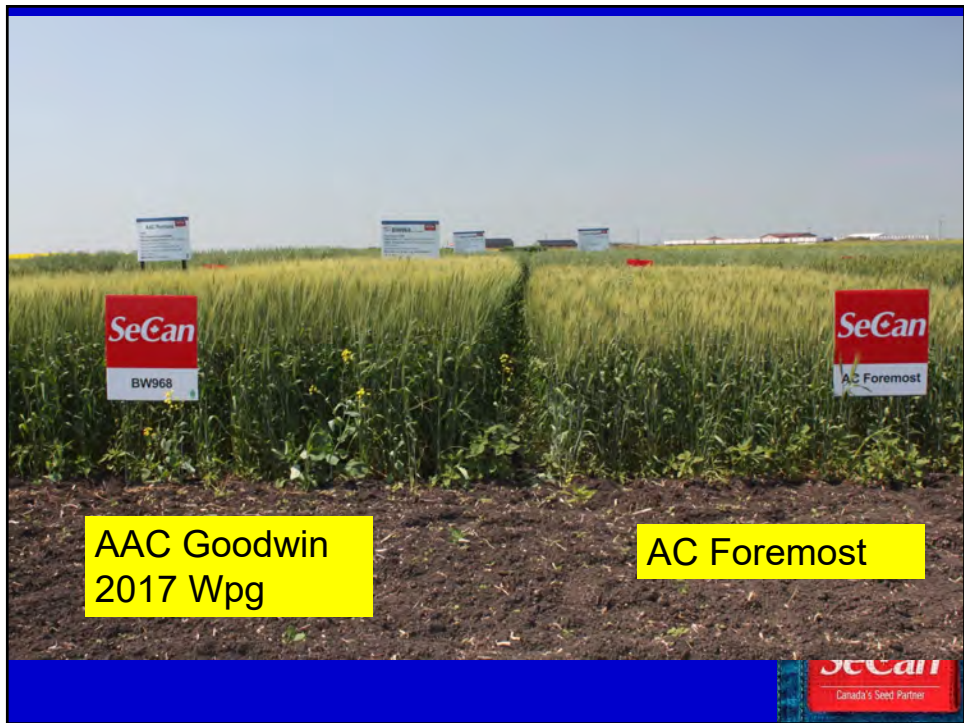
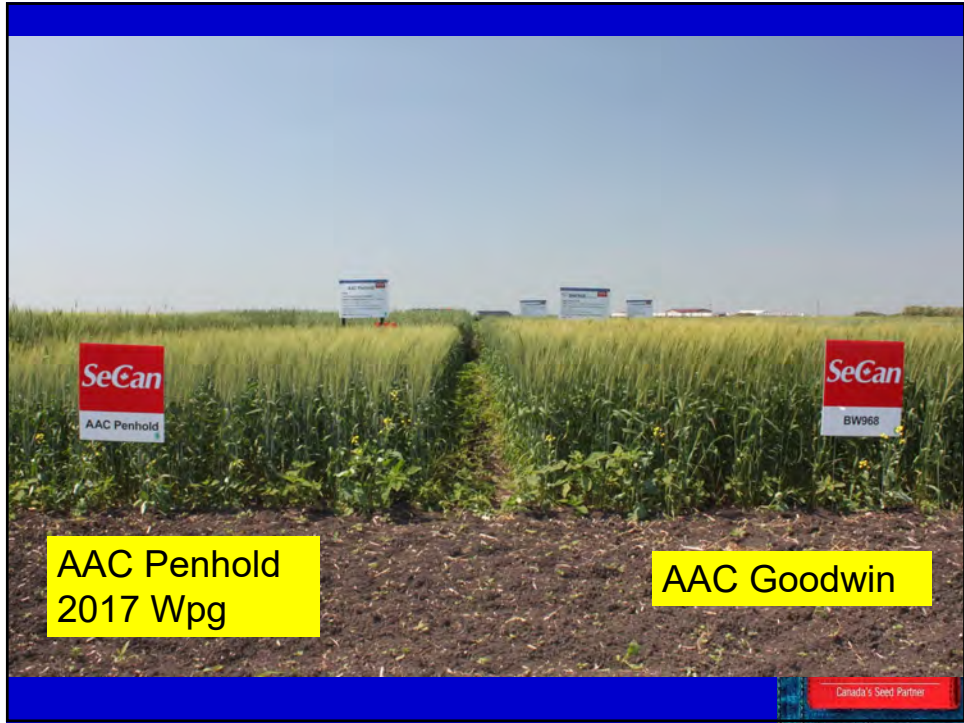
## AAC Goodwin CPS Wheat (BW968)

- Protein 0.3% < Carberry
- Leaf rust = R
- Stem rust = Intermed
- Stripe rust = R
- FHB = Intermed
- Smut = Mod Suscept
- Bunt = Intermed
- 2 days later than Penhold
- > Yld, Protein than Penhold?



AAC Goodwin Lethbridge 2016

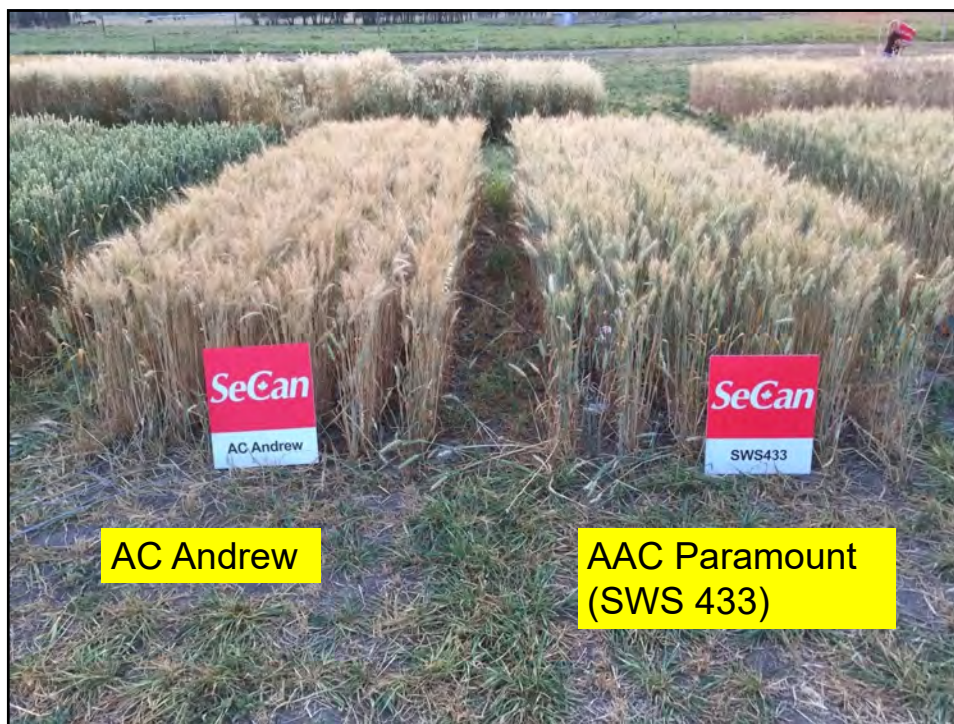




## 2012 – 2014 Western Bread Wheat Coop

	Yield % Carberry	Mat days	Height cm	Ldg 9=flat	Kernel Wt (mg)	2012-14 Grain Protein %	2012-14 Falling #
AC Carberry	100	101	87	1.3	34.5	14.5	398
<b>AAC Goodwin</b>	<b><u>114</u></b>	<b>101</b>	<b><u>87</u></b>	<b><u>1.5</u></b>	<b>35.9</b>	<b><u>14.2</u></b>	<b><u>445</u></b>





## AAC Paramount VB (SWS 433) Soft White Wheat

- Launch: 2019
- Parentage: SWS 366 X Sadash
- 106% yield > AC Andrew
- 103% yld > AC Sadash
- Maturity = AC Andrew & Sadash
- Height 4 cm > AC Andrew
- Lodging = AC Sadash
- Large kernel





## AAC Paramount VB (SWS 433) Soft White Wheat

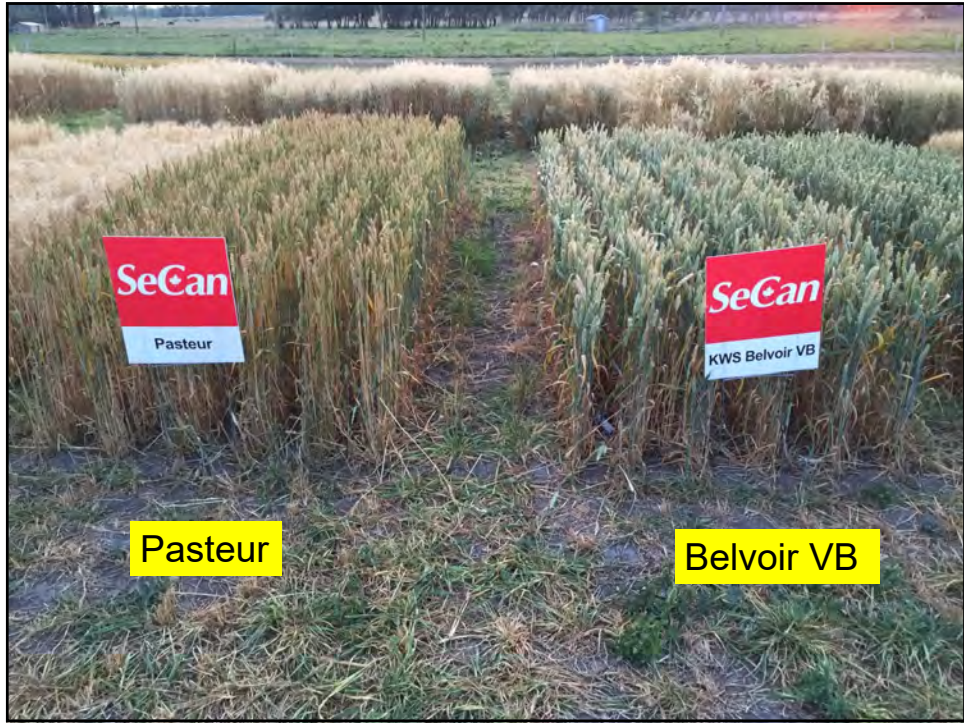
- Resistant: Stripe rust, loose smut, Powdery Mildew
- Intermediate resistance: leaf & stem rust, black point
- Suceptible: bunt and FHB
- Improved falling number
- Midge tolerant



### 2012– 2014 Soft White Wheat Coop

	Yield % AC Andrew	Yield % AC Andrew (dryland)	Mat days	Height cm	Ldg 9=flat	Kernel Wt (mg)	Grain Protein %
AC Andrew	100	100	105	92	2.5	38.0	??
Sadash VB	103	103	105	94	2.6	37.7	11.3
<b>Paramount VB</b>	<b>106</b>	<b>106</b>	<b>105</b>	<b>96</b>	<b>2.6</b>	<b>39.6</b>	<b>11.7</b>














Sparrow VB – Norquay SK 2017



### 2018 vs 2017 Durum Varieties

IU Group	Variety 2017	Variety 2018	Total Acres
<b>Durum</b>	TRANSCEND	TRANSCEND	1,690,485
	STRONGFIELD	BRIGADE	440,676
	BRIGADE	STRONGFIELD	342,287
	VERONA CDC	SPITFIRE AAC	283,126
	EUROSTAR	PRECISION CDC	138,968





**SeCan**  
Canada's Seed Partner

**NEW**  
**AAC Spitfire**  
Durum

The replacement for AC<sup>®</sup> Strongfield.

- ✓ 10% higher yield
- ✓ shorter, stronger straw
- ✓ similar maturity

**Stronger fields. Soaring yields.**

Genes that fit your farm.  
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Developed by Agriculture & Agri-Food Canada, South Canada.  
Genes that fit your farm. An important trademark of SeCan.

**SeCan**  
Canada's Seed Partner

**AAC Spitfire**

Canada's Seed Partner



## AAC Spitfire (DT844) 2017

- Hollow stem – AC Strongfield replacement
- Yield 108 to 110% > AC<sup>®</sup> Strongfield
- Lodging = Good (Stronger Straw than AC Strongfield)
- Maturity = Strongfield
- Height 2 cm < Strongfield
- Lower protein than Strongfield
- FHB = Susceptible



## Other New Durum Lines 2017

- **CDC Fortitude** – (Crop Prod Services)
  - 2017
  - Solid Stem – Sawfly tolerant
  - Yield 103% of Strongfield
  - Lodging = Fair
  - FHB = MS
- **CDC Carbide VB** (Crop Prod Services)
  - 2017
  - Midge Tolerant
  - Yield 108% of Strongfield
  - Maturity, Height = Strongfield
  - **Lodging = Poor**, FHB = MS



## AC<sup>®</sup> Strongfield





# AAC Raymore



# AAC Raymore CWAD



## New Durum Varieties 2018

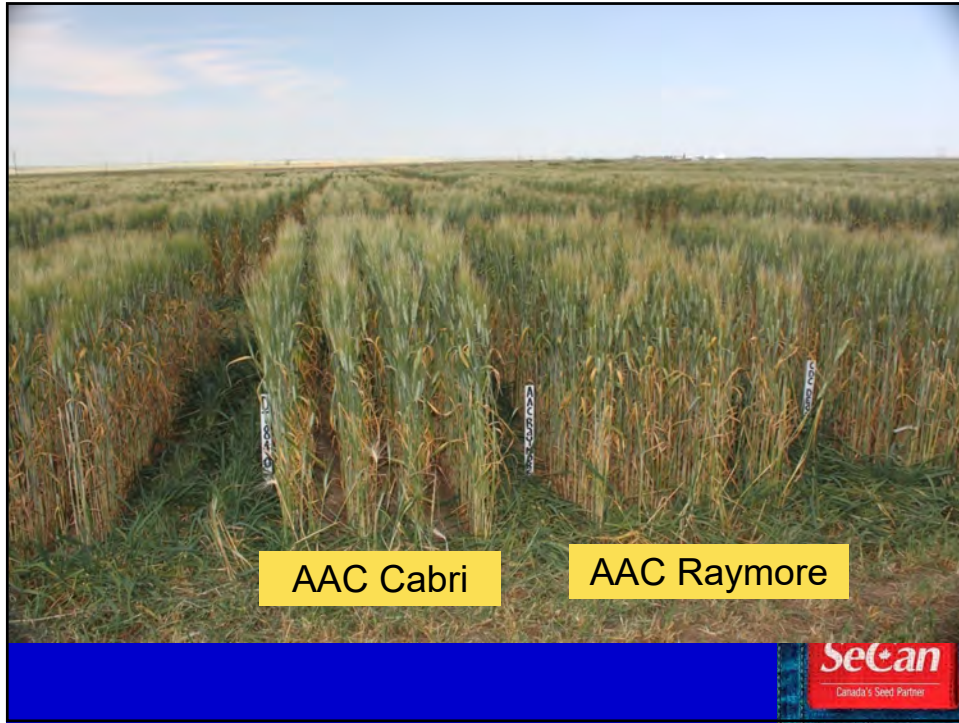
- AAC Cabri - SeCan
- CDC Precision – Alliance
- CDC Alloy - FPGenetics
- CDC Dynamic – Nutrien/Proven Seed



## AAC Cabri (DT840)

- **Launch 2018**
- Solid Stem (Sawfly Tolerant)
- Yield 104 to 105% > AC<sup>®</sup> Strongfield
- 1 day later than AC<sup>®</sup> Strongfield
- Lodging = AC<sup>®</sup> Strongfield
- 3 cm taller than AC<sup>®</sup> Strongfield
- 0.3% < Protein than AC<sup>®</sup> Strongfield
- FHB = Moderately Susceptible (Poor)





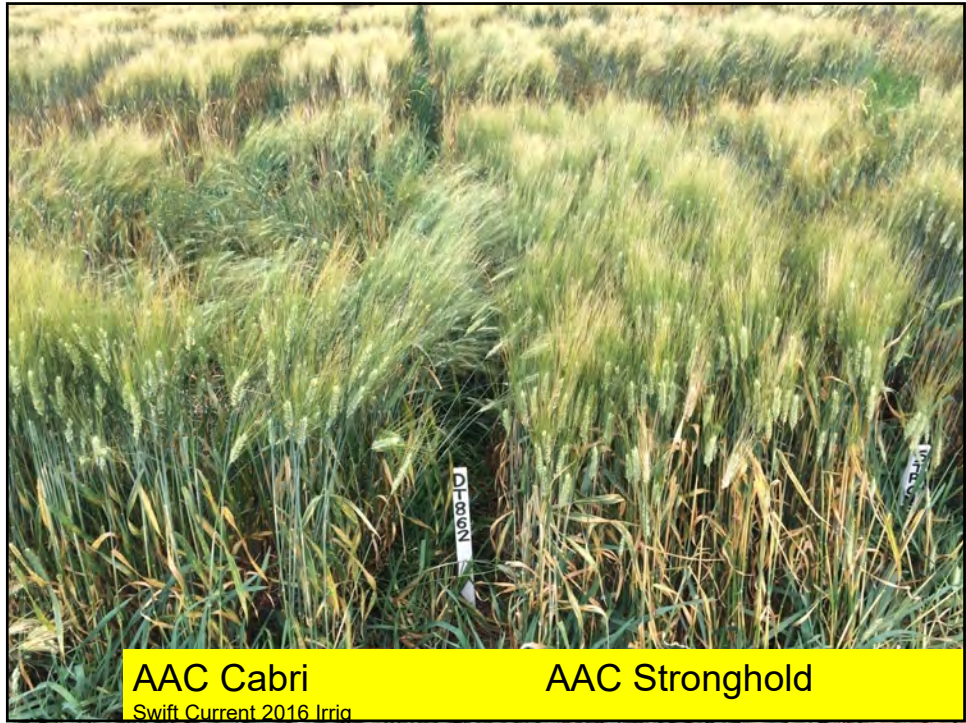
AAC Cabri

AAC Raymore

**SeCan**  
Canada's Seed Partner



AAC Cabri – beside AAC Stronghold



## CDC Precision CWAD (Launch 2018)



### **NEW PLATEAU IN DURUM YIELD**

- 108% to 111% of Strongfield,
- 119% Navigator,
- 100% Spitfire
- Ldg = Good
- FHB = MS
- Maturity = Strongfield

**ALLIANCE SEED**

## CDC Precision CWAD



- Standability better than Strongfield (2.0 vs 2.9), Brigade (2.1), Navigator (1.9)
- Height – 2.5 inches shorter than Brigade (+4 cm vs Stgfld)
- FHB = MS

ALLIANCE SEED

## Other New Durum Lines 2018

- **CDC Alloy** – (FP Genetics)
  - Yield 108 to 109% of Strongfield
  - Lodging = Fair
  - Maturity 1 day > Strongfield, Ht 4cm > Strongfield
  - FHB = MS, lower protein than Strongfield
- **CDC Dynamic** (Nutrien/Proven Seed)
  - Yield 105 to 106% of Strongfield
  - Lodging = Fair
  - Maturity = Strongfield, Ht 2cm > Strongfield
  - FHB = MS, Protein = Strongfield



## New Durum Varieties 2019

- AAC Congress - Canterra
- AAC Stronghold - SeCan



## CWAD – AAC Congress

### AAFC (Swift Current)

- 2019
- Yld 109 – 107% > Stgfld
- 1 day later than Strongfield
- 2 cm taller than Strongfield
- Lodging = Poor
- Test weight similar to checks
- Reduced DON accumulation
- FHB = Mod Susceptible



Canada



Let's Grow™



AAC Congress

Launch 2019



AAC Stronghold

Canada's Seed Partner



## AAC Stronghold Durum (DT862)

- **Launch: 2019**
- Solid stem
- Best straw strength in durum
- **(VG lodging resistance)**
- Stronger straw than Strongfield & Cabri
- Yld = 105% of Strongfield
- Yld = 114% of Strongfield Irrigated
- Ht 2 cm shorter than Strongfield





## AAC Stronghold Durum (DT862)

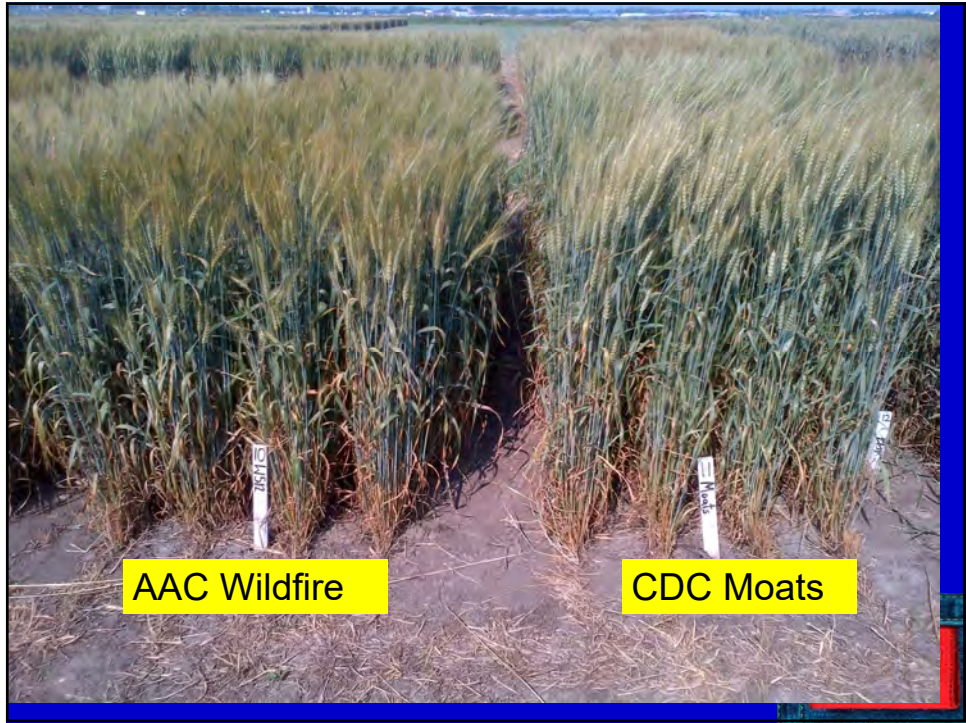
- Leaf rust = R
- Stem rust = R
- Stripe rust = MR
- Bunt = Intemed
- Smut = R
- **FHB = Mod suscept**



### CDC Credence

- Launch 2020
- Yld 106 to 110% of Stgflld
- Lodging = Fair
- Maturity 1d > Stgflld
- Ht 7 cm > Stgflld
- FHB = MS\***





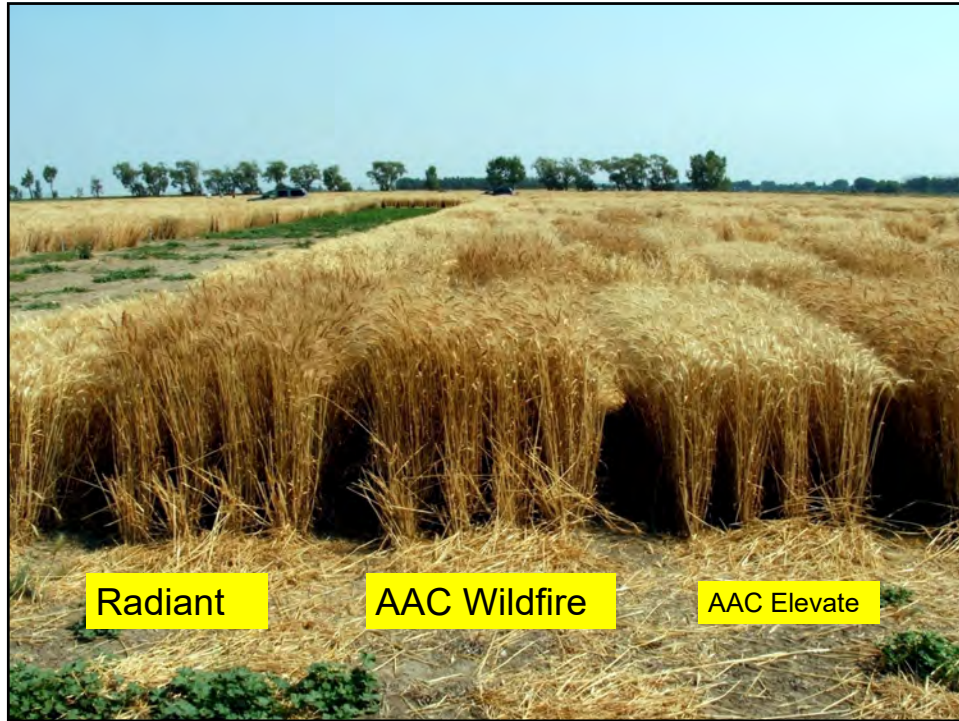
AAC Wildfire

CDC Moats



AAC Wildfire Lethbridge  
2015





## AAC Elevate Hard Red Winter

- **Available fall 2017**
- **Yld = 110% to 103% of CDC Buteo**
- Lodging = Very Good
- Height 7 cm < Buteo (Short, strong straw) (7 cm < Radiant)
- FHB = Intermediate (Fair)
- Resistant to leaf and stem rust
- Winter survival = Good
- Resistant to wheat curl mite – (Wheat streak Mosaic virus)



## AAC Wildfire (W512) Hard Red Winter

- **Available fall 2018**
- Parentage: L99-1236 X AC Bellatrix
- SK and AB adaptation (AC Radiant adaptation)
- Grain yield Coop: 109%>Radiant, 109%>Moats
- **SK Yld = 116% of CDC Buteo**
- Short, strong straw (5 cm < Radiant)
- **FHB = MR (Good)**
- Russian Wheat Aphid resistant
- Susceptible to stem and leaf rust, inferior to Moats



## AAC Wildfire (W512) Hard Red Winter

- Stripe rust resistant
- Bronze Chaff
- Good winter survival
- Later maturity
- Medium height
- Lodging = Good



## 2012– 2014 Western Winter Wheat Coop

	Yield % Moats	Winter Survival (%)	Mat days	Height cm	Ldg g=flat	Kemel Wt (mg)	Grain Protein %
Moats	100	84	218	98	3.0	31.9	12.4
Radiant	100	84	220	96	2.1	33.4	11.6
Flourish	102	85	215	86	2.3	34.4	12.2
<b>AAC Elevate</b>	<b>104</b>	<b>83</b>	<b>218</b>	90	<b>2.4</b>	<b>36.6</b>	<b>11.8</b>
<b>Wildfire</b>	<b><u>109</u></b>	<b><u>85</u></b>	<b>221</b>	<b><u>92</u></b>	<b><u>2.3</u></b>	<b>34.9</b>	<b>11.9</b>

