



Breeder: Dr. Curtis Pozniak, Crop Development Centre, University of Saskatchewan

<b>Yield</b>	96% of Strongfield, Similar to AC Navigator in the 2004-2006 Durum Cooperative Tests
<b>Disease Resistance</b>	Resistant to Stem and Leaf Rust Resistant to Common Bunt Susceptible to Loose Smut
<b>Protein</b>	Similar to Strongfield and AC Avonlea, Higher than Commander
<b>Maturity</b>	2 days later than Strongfield, similar to AC Navigator in the 2004-2006 Durum Cooperative Tests
<b>Height</b>	Taller than Strongfield, slightly taller than AC Avonlea
<b>Test Weight</b>	High Test Weight

Parentage: D95253/D95212

#### Varietal Description:

- Superior lodging resistance.
- Best adapted to moister regions of the durum growing wheat.
- High Protein content relative to the strong gluten content.
- Slightly later maturing.
- Low Cadmium uptake.

#### Strengths:

- Good Yield Potential.
- Good Straw Strength.
- Easy to Thresh.



# Alliance Seed Corporation Technical Bulletin



## 2010 Saskatchewan Seed Guide CWAD Wheat Comparison

Variety	As a % Comparison to Strongfield									
	Area 1&2	Area 3&4	Protein %	Lodging <sup>1</sup>	Sprouting <sup>2</sup>	Loose Smut	Stem Rust <sup>3</sup>	Leaf Rust <sup>3</sup>	Maturity <sup>4</sup>	Height <sup>5</sup>
Strongfield	100	100	14.5	F	F	P	VG	VG	99	89
AC Avonlea	95	96	-0.1	F	F	P	VG	VG	0	+3
AC Navigator	98	90	-0.7	G	G	P	VG	VG	+2	-9
Eurostar	98	102	-0.3	F	F	P	VG	VG	+2	+4
<b>CDC Verona</b>	<b>100</b>	<b>104</b>	<b>0</b>	<b>G</b>	<b>F</b>	<b>P</b>	<b>VG</b>	<b>VG</b>	<b>+2</b>	<b>+1</b>

1 Lodging Scale F=Fair, G=Good

2 Sprouting Scale F=Fair, G=Good

3 Rated on a scale of Very Poor (VP), Poor (P), Fair (F), Good (G), Very Good (VG)

4 Comparative Days to Maturity

5 Height in cm

## 2010 Manitoba Seed Guide CWAD Wheat Comparison

Variety	As a % Comparison to Strongfield									
	Yield	Protein <sup>1</sup>	Days to Maturity <sup>2</sup>	Height <sup>3</sup>	Lodging	Stem Rust <sup>4</sup>	Leaf Rust <sup>4</sup>	Loose Smut <sup>4</sup>	Bunt <sup>4</sup>	Leaf Spot <sup>4,5</sup>
Strongfield	100	14.4	101	MT	G	VG	VG	P	VG	F
Eurostar	104	-0.4	0	MT	F	VG	VG	VP	VG	F
<b>CDC Verona</b>	<b>107</b>	<b>-0.2</b>	<b>0</b>	<b>MT</b>	<b>G</b>	<b>VG</b>	<b>VG</b>	<b>P</b>	<b>VG</b>	<b>P</b>

1 Protein data is from MCVET plots harvested from 2002-2009. Actual protein will depend on seasonal growing conditions and fertility levels.

2 Days to Maturity +/-Check

3 T=Tall, MT=Medium Tall, M=Medium, SD=Semi-dwarf

4 Rated on a scale of Very Poor (VP), Poor (P), Fair (F), Good (G), Very Good (VG)

5 Leaf spot rating is a combination of resistance to tan spot, spot blotch and septoria leaf disease complex.

Note: Insufficient Data to describe in 2009 Alberta Regional Trials.



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