



Canada Western Amber Durum

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

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

Parentage: D95253/D95212

Varietal Description:

- Superior lodging resistance.
- Best adapted to moister regions of the durum growing area.
- 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.





2012 Saskatchewan Seed Guide CWAD Wheat Comparison

Variety	As a % Comparison to Strongfield.											
	Area 1&2	Area 3&4	Irrg.	Protein %	Lodging ¹	Maturity ²	Height ³	Sprouting ⁴	Loose Smut ⁵	Stem Rust ⁵	Leaf Rust ⁵	FHB ⁵
Strongfield	100	100	100	14.4	F	105	89	F	P	VG	VG	VP
AC Avonlea	95	96	-	-0.2	F	+1	+2	F	P	VG	VG	VP
AC Navigator	99	91	-	-0.7	G	+2	-8	G	P	VG	VG	VP
Eurostar	99	102	103	-0.4	F	+2	+4	F	P	VG	VG	P
CDC Verona	100	102	105	-0.3	G	+2	+1	F	P	VG	VG	P

1 Lodging Scale F=Fair, G=Good

2 Comparative Days to Maturity

3 Height in cm

4 Sprouting Scale F=Fair, G=Good

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

2012 Alberta Provincial Variety Trial Yield Results

Variety	As a % Comparison to Strongfield									
	Yield ¹	Maturity Rating ²	Height ³	Lodging ⁴	Sprouting ⁴	Loose Smut ⁴	Bunt ⁴	Stripe Rust ⁴	Leaf Spot ⁴	FHB ⁴
Strongfield	100	M	85	F	F	VP	G	G	P	VP
AC Navigator	95	M	77	G	G	VP	VG	VG	VP	VP
Eurostar	102	L	88	G	F	P	VG	G	F	P
CDC Verona	102	M	81	G	F	P	G	VG	P	P

1 Province wide yields compared to the check

2 Maturities rated as VE=Very Early; E= Early; M = Medium; L=Late and VL=Very Late: Long term average for days to maturity for Strongfield is 105 days and rated as M (medium maturing).

3 Height in cm

4 Resistance Ratings: VG=Very Good; G=Good; F=Fair; P=Poor and VP=Very Poor. Varieties having a rating of Fair (F) or Poor (P) to loose smut or bunt should be treated with a systemic seed treatment to reduce the potential for plant infection.

2011 Manitoba Seed Guide CWAD Wheat Comparison*

Variety	As a % Comparison to Strongfield										
	Yield	Protein ¹	Maturity ²	Height ³	Lodging	Stem Rust ⁴	Leaf Rust ⁴	Loose Smut ⁴	Bunt ⁴	Leaf Spot ⁴	FHB ⁵
Strongfield	100	14.5	101	35	G	R	R	S	I	I	S
Eurostar	107	-0.5	2	2	F	R	R	S	R	I	MS
CDC Verona	105	-0.3	2	0	G	R	R	MS	R	MS	MS

*CWAD was not tested in Manitoba in 2011. Data is from trials run from 2002 – 2010.

1 Protein data is from MCVET plots harvested from 2002-2010. Actual protein will depend on seasonal growing conditions and fertility levels.

2 Days to Maturity +/-Check

3 Height in Inches +/- Check

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

5 Fusarium Head Blight (FHB) infection is highly influenced by environment and heading date. Under high levels of the disease all varieties will sustain damage.

