

WINTER WHEAT 2012

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED				PROVISIONALLY RECOMMENDED			
	CORDIALE	EINSTEIN	JB DIEGO	LION	GRAFTON	GRAVITAS	KINGDOM	STIGG
Relative Yield ♦	99	101	105	103	100	106	100	103
Shortness of straw	8	7	6	5	8	6	7	8
Resistance to lodging	8	7	6	5	8	(5)	7	(8)
Straw breakdown	6	8	7	7	6	(6)	6	(8)
Earliness of ripening	7	6	5	5	7	4	7	4
Resistance to:								
Mildew	6	6	6	4	7	(7)	6	(7)
Septoria spp.	4	5	6	7	5	(7)	5	(8)
Yellow rust	(7)	(7)	(7)	(8)	(8)	(7)	(7)	(8)
Fusarium ear blight	6	7	7	6	(5)	(7)	(7)	(6)
Sprouting	7	7	7	5	(5)	(7)	(7)	(7)
Quality:								
Grain Protein % (15%MC)	10.7	10.5	9.8	9.6	10.2	9.4	10.4	10.0
Hagberg Falling No.♠	357	299	-	-	-	-	293	-
Bread-making quality	Good	Mod	-	-	-	-	Mod	-
1000 grain weight (g)	46.3	50.4	50.4	46.7	49.5	45.4	48.5	50.2
Hectolitre weight (kg/hl)	76.2	74.2	75.0	74.2	74.6	73.2	75.3	70.7
Market +	Br	Br	F	F	F	F	Br	F
Year First Listed	2006	2004	2010	2008	2012	2012	2011	2012

* Based on trial results from **2009, 2010** and **2011**.

♦ Yields are expressed as a percentage of the mean **Einstein** and **Cordiale** (100 = 9.96 t/ha @ 15% moisture content).

♠ Based on milling results from **2010** and **2011**.

+ **Br** - Bread-making potential. **Bi** - Biscuit making potential. **F** - Feed quality.

NOTES ON WINTER WHEAT VARIETIES

RECOMMENDED

CORDIALE: A British variety with very short straw and very good resistance to lodging and moderate resistance to straw breakdown. Moderately resistant to mildew and susceptible to *Septoria spp.* Early maturing variety with good resistance to sprouting. Grain of good bread-making quality suitable for all applications. High hectolitre weight and Hagberg Falling Number.

- Parentage: (Reaper x Cadenza) x Malacca
- Breeder/Irl. Agent: C.P.B. Twyford Ltd., Goldcrop Ltd.
- Estimated Certified Seed Availability: 15%

EINSTEIN: A British variety with moderately short straw and good resistance to lodging and very resistant to straw breakdown. Moderately resistant to mildew and moderately susceptible to *Septoria spp.* Good resistance to sprouting. Grain of only moderate bread-making quality being only suitable for selected applications. High thousand grain weight and good hectolitre weight.

- Parentage: (NSL WW 91/1670 x NSL WW 90/1282).
- Breeder/Irl. Agent: Nickerson, Seed Technology Ltd.
- Estimated Certified Seed Availability: 7%

JB DIEGO: A German variety with moderately short straw, moderate resistance to lodging with good resistance to straw breakdown. Moderately resistant to mildew and *Septoria spp.* Good resistance to sprouting. Grain of feed quality with high thousand grain weight and good hectolitre weight.

- Parentage: 3351b1 x Stru2374
- Breeder/Irl. Agent: Breun, Germinal Seeds.
- Estimated Certified Seed Availability: 25%

LION: A British variety with a moderately long straw and moderate susceptibility to lodging but good resistance to straw breakdown. Susceptible to mildew with good resistance to *Septoria spp.* Moderately susceptible to sprouting. Grain of feed quality with good hectolitre weight.

- Parentage: (Claire x Wasmo).
- Breeder/Irl. Agent: Nickerson / Advanta, Goldcrop Ltd.
- Estimated Certified Seed Availability: 9%

PROVISIONALLY RECOMMENDED

GRAFTON: An early maturing British variety with very short straw. Very good resistance to lodging and moderate resistance to straw breakdown. Good resistance to mildew and moderately susceptible to *Septoria spp.* Grain of feed quality with good hectolitre weight. Moderately susceptible to sprouting.

- Parentage: Cordiale x W97
- Breeder/Irl. Agent: KWS UK, Goldcrop Ltd.
- Estimated Certified Seed Availability: 6%

GRAVITAS: A late maturing British variety with moderately short straw. Moderately susceptibility to lodging and moderately resistant to straw breakdown. Good resistance to mildew and *Septoria spp.* Grain of feed quality with small grain size and moderate hectolitre weight.

- Parentage: (Robigus x Alchemy).
- Breeder/Irl. Agent: Limagrain UK, Goldcrop Ltd.
- Estimated Certified Seed Availability: 7%

KINGDOM: A British variety with short straw and good resistance to lodging and moderate resistance to straw breakdown. Moderately resistant to mildew and moderately susceptible to *Septoria spp.* Early maturing variety with good resistance to sprouting. Grain of moderate bread-making quality suitable for some applications. Good hectolitre weight.

- Parentage: Cordiale x Xi19
- Breeder/Irl. Agent: Syngenta UK, Seed Technology Ltd.
- Estimated Certified Seed Availability: 23%

STIGG: A late maturing British variety with very short straw. Very good resistance to lodging and to straw breakdown. Good resistance to mildew and very good resistance to *Septoria spp.* Grain of feed quality with a high thousand grain weight and a low hectolitre weight.

- Parentage: (Biscay x *Septoria* resistant line) x Tanker.
- Breeder/Irl. Agent: Limagrain UK, Seed Technology Ltd.
- Estimated Certified Seed Availability: 3%