

WINTER WHEAT 2013

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED				PROVISIONALLY RECOMMENDED			
	CORDIALE	EINSTEIN	JB DIEGO	LION	AVATAR	GRAFTON	KINGDOM	SY EPSON
Relative Yield ♦	100	100	105	103	107	99	98	102
Shortness of straw	8	7	6	5	(5)	8	7	(6)
Resistance to lodging	8	7	6	5	(6)	8	7	(8)
Straw breakdown	6	8	7	7	(7)	6	6	(7)
Earliness of ripening	7	6	5	5	(5)	7	7	(5)
Resistance to:								
Mildew	6	6	6	4	(5)	7	6	(7)
Septoria spp.	4	5	6	7	(6)	5	5	(7)
Yellow rust	(7)	(7)	(7)	(5)	(7)	(8)	(7)	(7)
Fusarium ear blight	6	6	6	6	(6)	4	6	(6)
Sprouting	7	7	7	5	(5)	5	7	(5)
Quality:								
Grain Protein % (15%MC)	11.1	10.8	10.1	9.8	9.6	10.5	10.6	10.5
Hagberg Falling No.♠	357	299	-	-	-	-	293	-
Bread-making quality	Good	Mod	-	-	-	-	Mod	-
1000 grain weight (g)	44.9	49.3	49.3	46.1	46.8	48.7	47.3	47.1
Hectolitre weight (kg/hl)	74.9	73.0	73.8	73.3	73.2	73.3	74.1	72.7
Market +	Br	Br	F	F	F	F	Br	F
Year First Listed	2006	2004	2010	2008	2013	2012	2011	2013

* Based on trial results from **2010, 2011** and **2012**.

♦ Yields are expressed as a percentage of the mean **Einstein** and **Cordiale** (100 = 9.49 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.

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.

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.

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 yellow rust and sprouting. Grain of feed quality with good hectolitre weight.

- Parentage: (Claire x Wasmo).
- Breeder/Irl. Agent: Nickerson / Advanta, Goldcrop Ltd.

PROVISIONALLY RECOMMENDED

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

- Parentage: Istabraq x Lion
- Breeder/Irl. Agent: Limagrain UK, Goldcrop Ltd.

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 and susceptible to fusarium.

- Parentage: Cordiale x W97
- Breeder/Irl. Agent: KWS UK, Goldcrop Ltd.

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.

SY EPSON: A high yielding British variety with moderately short straw, very good resistance to lodging and good resistance to straw breakdown. Good resistance to mildew and *Septoria spp.* Grain of feed quality with good hectolitre weight. Moderately susceptible to sprouting.

- Parentage: Zebedee x Robigus
- Breeder/Irl. Agent: Syngenta UK, Seed Technology Ltd.