

WINTER WHEAT 2014

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED						PROVISIONALLY RECOMMENDED	
	AVATAR	CORDIALE	EINSTEIN	JB DIEGO	LION	SY EPSON	DUNMORE	KWS LUMOS
Relative Yield ♦	105	99	101	105	102	102	102	103
Shortness of straw	5	8	7	6	5	6	(5)	(7)
Resistance to lodging	6	8	7	6	5	8	(5)	(8)
Straw breakdown	7	6	8	7	7	7	(7)	(6)
Earliness of ripening	5	8	7	6	6	6	(5)	(6)
Resistance to:								
Mildew	5	6	6	6	4	7	(6)	(8)
Septoria spp.	6	4	4	6	7	7	(6)	(6)
Yellow rust	7	7	7	7	5	7	(7)	(8)
Fusarium ear blight	6	6	6	6	6	6	(6)	(5)
Sprouting	5	7	7	7	5	5	(6)	(7)
Quality:								
Grain Protein % (15%MC)	9.9	11.2	10.8	10.4	10.1	10.7	10.0	10.4
Hagberg Falling No.♠	-	357	299	-	-	-	-	-
Bread-making quality	-	Good	Mod	-	-	-	-	-
1000 grain weight (g)	46.4	43.9	48.7	48.1	44.9	46.2	45.2	43.4
Hectolitre weight (kg/hl)	71.9	73.5	72.8	71.9	72.0	71.6	71.2	73.1
Market +	F	Br	Br	F	F	F	F	F
Year First Listed	2013	2006	2004	2010	2008	2013	2014	2014

* Based on trial results from **2011, 2012** and **2013**.

♦ Yields are expressed as a percentage of the mean **Einstein** and **Cordiale** (100 = 9.8 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

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.

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 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.

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 a good hectolitre weight. Moderately susceptible to sprouting.

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

PROVISIONALLY RECOMMENDED

DUNMORE: A British bred variety with moderately long straw, moderate susceptibility to lodging, and good resistance to straw breakdown. Moderately late maturing. Moderate resistance to septoria, mildew and fusarium. Good resistance to yellow rust. Moderate resistance to sprouting. Grain of feed quality with a relatively good hectolitre weight.

- Parentage: Lion x Alchemy
- Breeder/Irl. Agent: Limagrain, UK, Seed Technology Ltd.

KWS LUMOS: A British bred variety with moderately short straw, very good resistance to lodging, and moderate resistance to straw breakdown. Very good resistance to mildew and yellow rust with moderate resistance to septoria. Good resistance to sprouting and moderate susceptibility to fusarium. Very good grain quality, with a low thousand grain weight and a very good hectolitre weight.

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