

## WINTER WHEAT 2015

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED							PROVISIONALLY RECOMMENDED	
	AVATAR	CORDIALE	DUNMORE	EINSTEIN	JB DIEGO	KWS LUMOS	SY EPSON	LEEDS	WEAVER
<b>Relative Yield ♦</b>	<b>106</b>	<b>98</b>	<b>101</b>	<b>99</b>	<b>103</b>	<b>102</b>	<b>101</b>	<b>103</b>	<b>106</b>
Shortness of straw	5	8	5	7	6	7	6	(6)	(5)
Resistance to lodging	7	8	5	7	6	8	8	(8)	(5)
Straw breakdown	7	6	7	8	7	7	7	(7)	(6)
Earliness of ripening	5	8	5	7	6	7	6	(5)	(6)
<b>Resistance to:</b>									
Mildew	5	6	6	6	6	8	7	(3)	(6)
Septoria spp.	5	4	6	4	5	5	7	(4)	(5)
Yellow rust	7	7	6	7	7	8	7	(7)	(7)
Fusarium ear blight	6	6	6	6	6	5	6	(6)	(5)
Sprouting	5	7	6	7	7	7	5	(5)	(6)
<b>Quality:</b>									
Grain Protein % (15%MC)	10.3	11.4	10.4	11.2	10.8	10.7	11.1	10.0	9.8
Hagberg Falling No.♠	-	315	-	249	-	258	294	193	271
Bread-making quality	-	Good	-	Mod	-	-	-	-	-
1000 grain weight (g)	45.2	42.7	42.6	47.3	47.1	41.8	44.9	41.6	46.9
Hectolitre weight (kg/hl)	72.9	74.2	71.3	72.7	73.2	73.8	72.6	71.9	72.0
Market +	F	Br	F	Br	F	F	F	F	F
<b>Year First Listed</b>	<b>2013</b>	<b>2006</b>	<b>2014</b>	<b>2004</b>	<b>2010</b>	<b>2014</b>	<b>2013</b>	<b>2015</b>	<b>2015</b>

\* Based on trial results from **2012, 2013** and **2014**.

♦ Yields are expressed as a percentage of the mean **Einstein, Cordiale & JB Diego** (100 = 10.1 t/ha @ 15% moisture content).

♠ Based on milling results from **2013 harvest**.

+ **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 good resistance to lodging and straw breakdown. Moderately late maturing. Moderately susceptible to mildew and *Septoria tritici*. 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. Moderately resistant to straw breakdown. Moderately resistant to mildew and susceptible to *Septoria tritici*. 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.

**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 tritici*, mildew, yellow rust and fusarium. 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.

**EINSTEIN:** A British variety with moderately short straw and good resistance to lodging. Very resistant to straw breakdown. Moderately resistant to mildew and fusarium. Susceptible to *Septoria tritici*. Good resistance to yellow rust and sprouting. Grain of moderate bread-making quality suitable for selected applications only. 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 and good resistance to straw breakdown. Moderately resistant to mildew and fusarium. Moderately susceptible to *Septoria tritici*. 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.

**KWS LUMOS:** A British bred variety with moderately short straw, very good resistance to lodging and good resistance to straw breakdown. Good resistance to mildew and yellow rust with moderate susceptibility to fusarium and *Septoria tritici*. Good resistance to sprouting. 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.

**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, yellow rust and *Septoria tritici*. 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**

**LEEDS:** A French variety with moderately short straw, very good resistance to lodging and good resistance to straw breakdown. Very susceptible to mildew and susceptible to *Septoria tritici*. Good resistance to yellow rust and moderate resistance to fusarium. Late maturing variety with moderate susceptibility to sprouting.

- Parentage: Istabraq x Robigus
- Breeder/Irl. Agent: Momont, Seed Technology Ltd.

**WEAVER:** A British bred variety with moderately long straw, moderate susceptibility to lodging and moderate resistance to straw breakdown. Moderate susceptibility to *Septoria tritici* and fusarium. Moderate resistance to mildew and good resistance to yellow rust. Moderately susceptible to sprouting. Grain of feed quality with a relatively good hectolitre weight.

- Parentage: Welford x (Consort x Claire)
- Breeder/Irl. Agent: Elsom seeds, UK, Germinal Seeds.