

WINTER WHEAT 2016

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED				PROVISIONALLY RECOMMENDED		
	AVATAR	DUNMORE	JB DIEGO	KWS LUMOS	KWS LILLI	LEEDS	WEAVER
Relative Yield ♦	100	97	100	97	100	98	101
Straw Height (cm)	82.7	81.0	79.2	75.1	72.6	79.7	84.6
Resistance to lodging	7	5	6	8	(8)	8	4
Straw breakdown	7	7	7	7	(8)	7	6
Earliness of ripening	5	5	6	7	(5)	5	6
Resistance to:							
Mildew	5	6	6	7	(8)	3	6
Septoria spp.	5	6	5	5	(6)	4	5
Yellow rust	7	6	7	7	(6)	7	7
Fusarium ear blight	6	6	6	5	(5)	6	6
Sprouting	5	6	7	7	(7)	4	6
Quality:							
Grain Protein % (15%MC)	9.4	9.6	9.9	9.9	9.3	9.6	9.4
Hagberg Falling No.♠	-	-	-	366	341	261	-
Bread-making quality	-	-	-	-	-	-	-
1000 grain weight (g)	48.3	45.4	49.8	44.3	44.6	44.7	49.8
Hectolitre weight (kg/hl)	76.5	74.8	76.8	77.2	75.7	76.3	75.9
Market +	F	F	F	F	Br	F	F
Year First Listed	2013	2014	2010	2014	2016	2015	2015

Varieties no longer listed: Cordiale, Einstein & SY Epon.

- * Based on trial results from **2013, 2014** and **2015**.
- ♦ Yields are expressed as a percentage of the mean **JB Diego & Avatar** (100 = 12.1 t/ha @ 15% moisture content).
- ♠ Based on milling results from **2014 harvest**.
- + **Br** - Bread-making potential. **Bi** - Biscuit making potential. **F** - Feed quality.
- () Limited Data.

NOTES ON 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.

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.

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.

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. Susceptible to sprouting.

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

KWS LILLI:

A late maturing British bred variety with short straw, very good resistance to lodging and to straw breakdown. Very good resistance to mildew and moderate resistance to *Septoria tritici* and yellow rust. Moderate susceptibility to fusarium. Good resistance to sprouting. Grain of bread quality with good hectolitre weight.

- Parentage: KWS Horizon X CPBT W134
- Breeder/Irl. Agent: KWS UK, Goldcrop Ltd.

WEAVER:

A British bred variety with moderately long straw, susceptible to lodging and moderate resistance to straw breakdown. Moderate susceptibility to *Septoria tritici* and moderate resistance to 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.