

## WINTER BARLEY 2015

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED				PROVISIONALLY RECOMMENDED
	KWS CASSIA	LEIBNIZ	SAFFRON	VOLUME	KWS TOWER
<b>Relative Yield</b>	<b>99</b>	<b>101</b>	<b>94</b>	<b>109</b>	<b>101</b>
Shortness of Straw	7	4	7	4	(7)
Resistance to Lodging	7	7	8	6	(7)
Straw Breakdown	6	4	7	4	(6)
Earliness of Ripening	6	6	5	6	(6)
<b>Resistance to:</b>					
Mildew	5	6	4	6	(6)
<i>Rhynchosporium</i>	4	7	4	7	(6)
Brown Rust	7	3	7	6	(6)
Net Blotch	7	7	7	7	(6)
<b>Grain quality:</b>					
1000 grain weight (g)	58.5	51.4	57.5	45.2	60.0
Hectolitre weight (kg/hl)	67.3	63.6	67.4	65.4	64.8
<b>Year First Listed</b>	<b>2011</b>	<b>2010</b>	<b>2007</b>	<b>2012</b>	<b>2015</b>

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

◆ Yields are expressed as a percentage of the mean of **Leibniz & KWS Cassia**.  
(100 = 9.5 t/ha @ 15% moisture content)

## NOTES ON VARIETIES

### RECOMMENDED

**KWS CASSIA:** A moderately early maturing British feed variety with high yield potential. Short straw with good resistance to lodging and moderate resistance to straw breakdown. Moderately susceptible to mildew and susceptible to *Rhynchosporium*. Good resistance to brown rust and net blotch. Very good grain quality with a very good hectolitre weight.

- Cross: (Eden x Carat) x Saffron
- Breeder/Agent: KWS UK, Goldcrop Ltd

**LEIBNIZ:** A moderately early maturing six-row German feed variety with high yield potential. Long straw with good resistance to lodging and susceptible to straw breakdown. Moderately resistant to mildew with good resistance to *Rhynchosporium* and net blotch. Very susceptible to brown rust. Moderate grain quality with a reasonable hectolitre weight (grain quality of six-row are generally inferior to two-row varieties).

- Cross: LP 6-936 X BCym 5
- Breeder/Agent: KWS Lochow, Seed Technology Ltd.

**SAFFRON:** A moderately late maturing British feed variety. Short straw with very good resistance to lodging and good resistance to straw breakdown. Susceptible to mildew and *Rhynchosporium*. Good resistance to brown rust and net blotch. Very good grain quality.

- Cross: Antigua x Tabatha.
- Breeder/Agent: C.P.B. Twyford Ltd, Goldcrop Ltd.

**VOLUME:** A moderately early maturing **hybrid** six-row British feed variety with very high yield potential. Long straw with moderate resistance to lodging. Susceptible to straw breakdown. Moderately resistant to mildew and brown rust. Good resistance to *Rhynchosporium* and net blotch. Small grain size with a good hectolitre weight (grain quality of six-row are generally inferior to two-row varieties).

- Cross: F1 Hybrid
- Breeder/Agent: Syngenta Seeds Ltd, Seed Technology Ltd.

## **PROVISIONALLY RECOMMENDED**

**KWS TOWER:** A moderately early maturing British feed variety with high yield potential. Short straw with good resistance to lodging and moderate resistance to straw breakdown. Moderately resistant to mildew, *Rhynchosporium*, brown rust and net blotch. Large grain size with good grain quality.

- Cross: Saffron X Retriever
- Breeder/Agent: KWS UK, Goldcrop Ltd