

WINTER BARLEY 2014

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED			
	KWS CASSIA	LEIBNIZ	SAFFRON	VOLUME
Relative Yield	101	104	95	113
Shortness of straw	7	4	7	4
Resistance to Lodging	7	7	8	6
Straw Breakdown	6	5	7	4
Earliness of ripening	6	6	5	6
Resistance to:				
Mildew	5	6	4	6
<i>Rhynchosporium</i>	5	7	4	7
Brown Rust	7	4	7	6
Net Blotch	7	7	7	7
Grain quality:				
1000 grain weight (g)	59.3	52.5	57.8	46.1
Hectolitre weight (kg/hl)	69.1	65.3	68.7	66.7
Year First Listed	2011	2010	2007	2012

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

◆ Yields are expressed as a percentage of the mean of **Saffron, Leibniz & KWS Cassia**.
(100 = 9.1 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 *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 very high yield potential. Long straw with good resistance to lodging and moderate susceptibility to straw breakdown. Moderately resistant to mildew with good resistance to *Rhynchosporium* and net blotch. 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 with high yield potential. 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.