

WINTER BARLEY 2016

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED				PROVISIONALLY RECOMMENDED	
	KWS CASSIA	KWS TOWER	LEIBNIZ	VOLUME	KWS INFINITY	QUADRA
Relative Yield ♠	98	103	102	109	102	110
Varietal Type	2R	2R	6R	6R (H)	2R	6R (H)
Straw Height (cm)	91.2	90.9	108.8	104.8	88.9	103.5
Resistance to Lodging	7	7	6	6	(7)	(7)
Straw Breakdown	6	6	4	4	(6)	(5)
Earliness of Ripening	6	6	6	7	(6)	(7)
Resistance to:						
Mildew	5	6	6	6	(6)	(7)
<i>Rhynchosporium</i>	4	6	7	7	(7)	(7)
Brown Rust	7	6	3	6	(7)	(6)
Net Blotch	7	6	7	7	(7)	(7)
Grain quality:						
1000 grain weight (g)	60.3	62.7	52.9	46.7	61.5	49.1
Hectolitre weight (kg/hl)	69.8	67.5	65.7	67.2	67.9	67.5
Year First Listed	2011	2015	2010	2012	2016	2016

Variety no longer listed: Saffron

* Based on trial results from **2013, 2014** and **2015**

♠ Yields are expressed as a percentage of the mean of **Leibniz & KWS Cassia**.

(100 = 10.3 t/ha @ 15% moisture content)

() Limited Data.

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

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

LEIBNIZ: A conventional 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.

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

VOLUME: An 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.

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

PROVISIONALLY RECOMMENDED

KWS INFINITY: 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 and good resistance to *Rhynchosporium*, brown rust and net blotch. Large grain size with good grain quality.

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

QUADRA: An early maturing hybrid six-row British feed variety with very high yield potential. Long straw with good resistance to lodging. Moderately susceptible to straw breakdown. Moderately resistant brown rust. Good resistance to mildew, *Rhynchosporium* and net blotch. Small grain size with a good hectolitre weight.

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