

WINTER BARLEY 2013

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED					PROVISIONALLY RECOMMENDED
	AMARENA	KWS CASSIA	LEIBNIZ	SAFFRON	VOLUME	FAMOSA
Relative Yield ♦	103	102	106	97	114	98
Shortness of straw	5	7	4	7	4	7
Resistance to Lodging	7	7	7	8	6	7
Straw Breakdown	4	6	5	7	4	6
Earliness of ripening	8	6	6	5	6	4
Resistance to:						
Mildew	7	5	6	4	6	6
<i>Rhynchosporium</i>	7	5	7	4	7	6
Brown Rust	7	7	4	7	6	6
Net Blotch	7	7	7	7	7	7
Grain quality:						
1000 grain weight (g)	47.9	57.1	51.3	56.6	45.0	53.9
Hectolitre weight (kg/hl)	62.0	67.1	63.1	66.9	64.2	65.0
Year First Listed	2008	2011	2010	2007	2012	2011

* Based on trial results from **2010, 2011** and **2012**

♦ Yields are expressed as a percentage of the mean of **Amarena** and **Saffron**.
(100 = 8.85 t/ha @ 15% moisture content)

NOTES ON VARIETIES

RECOMMENDED

AMARENA: An early maturing six-row French feed variety with high yield potential. Moderately long straw with good resistance to lodging. Susceptible to straw breakdown. Good resistance to mildew, *Rhynchosporium*, brown rust and net blotch. Susceptible to yellow rust. Small grain with a relatively low hectolitre weight (grain quality of six-row are generally inferior to two-row varieties).

- Cross: Carola x Angela
- Breeder/Agent: Saaten Union, Goldcrop Ltd.

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.

- 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. Brown rust susceptible. 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.

PROVISIONALLY RECOMMENDED

FAMOSA: A late maturing Danish feed variety with high yield potential. Short straw with good resistance to lodging and moderate resistance to straw breakdown. Moderately resistant to mildew, *Rhynchosporium* and brown rust. Good resistance to net blotch.

- Cross: PF 598-417 x Desiree
- Breeder/Agent: Nordic Seed, Seed Technology Ltd