WINTER BARLEY 2012

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED				PROVISIONALLY RECOMMENDED		
	AMARENA	KWS CASSIA	LEIBNIZ	SAFFRON	ANISETTE	FAMOSA	VOLUME
Relative Yield ♦	**102**	**102**	**108**	**98**	**98**	**100**	**115**
Shortness of straw	5	7	4	7	8	7	4
Resistance to Lodging	7	7	7	8	7	7	(6)
Straw Breakdown	4	6	5	7	5	6	4
Earliness of ripening	8	6	6	5	6	4	6
Resistance to:							
Mildew	7	5	6	4	6	6	(6)
Rhynchosporium	7	5	7	4	6	6	(7)
Brown Rust	7	7	4	7	7	6	(6)
Net Blotch	7	(7)	7	7	6	(7)	(7)
Grain quality:							
1000 grain weight (g)	50.0	58.7	54.1	58.5	56.3	56.7	48.6
Hectolitre weight (kg/hl)	63.1	68.7	64.8	68.5	65.7	66.9	65.6
Year First Listed	**2008**	**2011**	**2010**	**2007**	**2010**	**2011**	**2012**

* Based on trial results from **2009, 2010** and **2011**.

♦ Yields are expressed as a percentage of the mean of **Amarena** and **Saffron**.
(100 = 8.96 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, R*hynchosporium*, 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.
- Estimated Certified Seed Availability: 2%

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. G*ood resistance to brown rust and net blotch. Very good grain quality.

- Cross: (Eden x Carat) x Saffron
- Breeder/Agent: KWS UK, Goldcrop Ltd
- Estimated Certified Seed Availability: 36%

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.
- Estimated Certified Seed Availability: 15%

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.
- Estimated Certified Seed Availability: 29%

PROVISIONALLY RECOMMENDED

ANISETTE: A moderately early maturing Danish feed variety. Very short straw with good resistance to lodging and moderate susceptibility to straw breakdown. Moderately resistant to mildew, *Rhynchosporium* and net blotch. Good Resistance to brown rust.

- Cross: Opal X Tafeno
- Breeder/Agent: Sejet, Goldcrop Ltd
- Estimated Certified Seed Availability: 10%

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
- Estimated Certified Seed Availability: 7%

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.
- Estimated Certified Seed Availability: 2%