

## SPRING BARLEY 2015

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED							PROVISIONALLY RECOMMENDED		
	FRONTIER	KWS IRINA	MICKLE	PROPINO	QUENCH	SANETTE	SY TABERNA	PAUSTIAN	SHADA	SOLDO
<b>Relative yield ♦</b>	<b>98</b>	<b>105</b>	<b>103</b>	<b>100</b>	<b>100</b>	<b>104</b>	<b>101</b>	<b>101</b>	<b>104</b>	<b>101</b>
Shortness of straw	7	6	7	5	6	6	5	(6)	(7)	(6)
Resistance to lodging	5	7	7	5	6	7	7	(6)	(8)	(5)
Straw breakdown	5	7	6	5	5	5	5	(6)	(6)	(5)
Earliness of ripening	7	6	7	6	6	5	5	(5)	(6)	(7)
<b>Resistance to:</b>										
Mildew	4	8	5	6	7	8	7	(8)	(8)	(8)
<i>Rhynchosporium</i>	5	7	7	6	7	7	7	(7)	(7)	(6)
Brown Rust	6	6	5	5	4	5	6	(7)	(6)	(7)
Net Blotch	7	8	7	5	7	7	6	(6)	(8)	(7)
<b>Quality:</b>										
1,000 grain wt. (g)	48.0	47.8	47.3	50.0	45.9	48.3	47.7	47.8	46.3	51.3
Hectolitre wt. (kg/hl)	64.2	63.0	65.1	64.9	64.9	63.9	66.4	64.7	62.6	65.3
Screenings% (<2.2 mm)	3.5	3.5	2.9	1.8	3.6	3.2	2.9	3.3	6.4	2.9
<b>Year First Listed</b>	<b>2005</b>	<b>2014</b>	<b>2013</b>	<b>2011</b>	<b>2007</b>	<b>2014</b>	<b>2012</b>	<b>2015</b>	<b>2015</b>	<b>2014</b>

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

♦ Yields are expressed as a percentage of the mean of **Quench and Propino** (100 = 7.64 t/ha @ 15% moisture content)

## NOTES ON SPRING BARLEY VARIETIES

### RECOMMENDED

**FRONTIER:** A Danish variety with short straw. Moderately susceptible to lodging and straw breakdown, susceptible to mildew and moderately susceptible to *Rhynchosporium*. Moderately resistant to brown rust and good resistance to net blotch.

- Cross: (Tavern) x [Annabell x (Lux x Ferment)]
- Breeder/Irl Agent: Sejet, Goldcrop Ltd.

**KWS IRINA:** A German variety with very high yield potential. Moderately short straw with good resistance to lodging and straw breakdown. Very good resistance to mildew and net blotch, moderate resistance to brown rust, and good resistance to *Rhynchosporium*.

- Cross: (Conchita x Quench)
- Breeder/Irl Agent: KWS Lochow GMBH, Seed Technology Ltd.

**MICKLE:** A British variety with very high yield potential. Short straw with good resistance to lodging and moderate resistance to straw breakdown. Moderately susceptible to mildew and brown rust, good resistance to *Rhynchosporium* and net blotch.

- Cross: (Propino x Snakebite)
- Breeder/Irl Agent: Syngenta Seeds Ltd, Seed Technology Ltd.

**PROPINO:** A British variety with high yield potential. Moderately tall straw with moderate susceptibility to lodging and straw breakdown. Moderately resistant to mildew and *Rhynchosporium*. Moderately susceptible to brown rust and net blotch. Large grain size.

- Cross: (Quench x NFC Tipple)
- Breeder/Irl Agent: Syngenta Seeds Ltd, Seed Technology Ltd.

**QUENCH:** A British variety with high yield potential. Moderately short straw, moderately resistant to lodging and moderately susceptible to straw breakdown. Good resistance to mildew, *Rhynchosporium* and net blotch. Susceptible to brown rust. Small grain size relative to other varieties.

- Cross: (Sebastian x Drum)
- Breeder/Irl Agent: Syngenta Seeds Ltd, Seed Technology Ltd.

**SANETTE:** A British variety with very high yield potential. Moderately short straw with good resistance to lodging and moderate susceptibility to straw breakdown. Very good resistance to mildew, good resistance to net blotch and *Rhynchosporium* and moderate susceptibility to brown rust.

- Cross: (Sumit x Yard)
- Breeder/Irl Agent: Syngenta Seeds Ltd, Seed Technology Ltd.

**SY TABERNA:** A British variety with high yield potential. Moderately tall straw with good resistance to lodging and moderate susceptibility to straw breakdown. Good resistance to mildew and *Rhynchosporium* and moderate resistance to brown rust and net blotch. Consistently has the best KPH on the RL.

- Cross: (Quench x Taphouse)
- Breeder/Irl Agent: Syngenta Seeds Ltd, Seed Technology Ltd.

## **PROVISIONALLY RECOMMENDED**

**PAUSTIAN:** A Danish variety with high yield potential. Moderately short straw with moderate resistance to lodging and straw breakdown. Very good resistance to mildew and good resistance to *Rhynchosporium* and brown rust. Moderate resistance to net blotch.

- Cross: (Zeppelin x Propino).
- Breeder/Irl Agent: Sejet, Goldcrop Ltd.

**SHADA:** A British variety with very high yield potential. Moderately short straw with very good resistance to lodging and moderate resistance to straw breakdown.

Very good resistance to mildew and net blotch, good resistance to *Rhynchosporium* with moderate resistance to brown rust. Grain of lower quality in terms of KPH and screenings.

- Cross: (SY Taberna x Conchita).
- Breeder/Irl Agent: Syngenta, Seed Technology Ltd.

**SOLDO:** An early maturing German variety with high yield potential. Moderately short straw with moderate susceptibility to lodging and straw breakdown.

Very good resistance to mildew and good resistance to net blotch and brown rust, with moderate resistance to *Rhynchosporium*. Large grain size.

- Cross: [(NFC Tipple x Braemar) x NFC 401-17].
- Breeder/Irl Agent: Nordsaat, Goldcrop Ltd.