

SPRING BARLEY 2013

AGRONOMIC & QUALITY CHARACTERISTICS*	RECOMMENDED					PROVISIONALLY RECOMMENDED
	CROPTON	FRONTIER	QUENCH	PROPINO	SY TABERNA	MICKLE
Relative yield ♦	101	99	101	101	102	104
Shortness of straw	5	7	6	5	5	6
Resistance to lodging	6	5	6	5	7	(7)
Straw breakdown	5	5	5	5	5	(5)
Earliness of ripening	6	7	6	6	5	(7)
Resistance to:						
Mildew	7	5	7	6	7	(5)
<i>Rhynchosporium</i>	5	5	7	6	7	(7)
Brown Rust	6	6	4	5	6	(5)
Net Blotch	6	7	7	6	7	(6)
Quality:						
1,000 grain wt. (g)	48.6	48.2	46.4	51.1	48.4	46.9
Hectolitre wt. (kg/hl)	65.0	63.4	63.9	64.3	65.3	63.9
Screenings% (<2.2 mm)	2.8	3.5	3.7	1.9	2.9	3.5
Year First Listed	2010	2005	2007	2011	2012	2013

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

♦ Yields are expressed as a percentage of the mean of **Frontier and Quench** (100 = 7.69 t/ha @ 15% moisture content)

NOTES ON SPRING BARLEY VARIETIES

RECOMMENDED

- CROPTON:** A British variety with high yield potential. Moderately tall straw with moderate resistance to lodging and moderate susceptibility to straw breakdown. Good resistance to mildew and moderately resistant to brown rust and net blotch. Moderately susceptible to *Rhynchosporium*.
- Cross: (Quench x Waggon)
 - Breeder/Irl Agent: Syngenta Seeds Ltd, Seed Technology Ltd.
- FRONTIER:** A Danish variety with high yield potential. Short straw with moderate susceptibility to lodging and straw breakdown. Moderately susceptible to mildew and *Rhynchosporium*. Moderately resistant to brown rust. Good resistance to net blotch.
- Cross: (Tavern) x [Annabell x (Lux x Ferment)]
 - Breeder/Irl Agent: Sejet, Goldcrop Ltd.
- QUENCH:** A British variety with very 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 and yellow rust. Small grain size relative to other varieties.
- Cross: (Sebastian x Drum)
 - Breeder/Irl Agent: Syngenta Seeds Ltd, Seed Technology Ltd.
- PROPINO:** A British variety with very high yield potential. Moderately tall straw with moderate susceptibility to lodging and straw breakdown. Moderately resistant to mildew, *Rhynchosporium* and net blotch. Moderately susceptible to brown rust. Large grain size.
- Cross: (Quench x NFC Tipple)
 - Breeder/Irl Agent: Syngenta Seeds Ltd, Seed Technology Ltd.
- SY TABERNA:** A British variety with very high yield potential. Moderately tall straw with good resistance to lodging and moderate susceptibility to straw breakdown. Good resistance to mildew, *Rhynchosporium* and net blotch and moderate resistance to brown rust.
- Cross: (Quench x Taphouse)
 - Breeder/Irl Agent: Syngenta Seeds Ltd, Seed Technology Ltd.

PROVISIONALLY RECOMMENDED

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

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

