

SPRING BARLEY 2018

AGRONOMIC & QUALITY CHARACTERISTICS*	Recommended					Provisionally Recommended		
	KWS IRINA	MICKLE	PAUSTIAN	PROPINO	RGT PLANET	GANGWAY	HACKER	LIMONA
Relative yield ♦	103	100	101	100	105	106	102	102
Straw height (cm)	72.9	69.1	74.7	77.8	76.1	76.9	74.6	76.9
Resistance to lodging	7	7	6	5	5	(7)	(7)	(7)
Straw breakdown	7	7	6	5	5	(7)	(6)	(7)
Earliness of ripening	6	7	5	6	5	(5)	(7)	(7)
Resistance to:								
Mildew	8	5	8	5	8	(8)	(8)	(8)
<i>Rhynchosporium</i>	6	7	7	6	7	(7)	(7)	(7)
Brown Rust	6	5	7	5	6	(7)	(7)	(6)
Net Blotch	8	4	6	4	5	(8)	(7)	(8)
Quality:								
1,000 grain wt. (g)	51.5	51.2	51.3	53.6	52.9	50.8	50.2	49.5
Hectolitre wt. (kg/hl)	63.8	66.5	66.1	66.1	65.2	67.4	67.0	66.1
Screenings % (<2.2 mm)	2.2	1.4	2.0	1.0	1.8	1.3	1.5	2.5
Protein %	10.4	10.3	10.3	10.5	10.2	10.3	10.5	10.5
Year First Listed	2014	2013	2015	2011	2017	2018	2018	2018

* Based on trial results from 2015, 2016 and 2017.

♦ Yields are expressed as a percentage of the mean of Propino and Mickle (100 = 8.24 t/ha @ 15% moisture content)

NOTES ON VARIETIES

RECOMMENDED

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

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

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

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

PAUSTIAN: A Danish variety with high yield potential. 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 (DK), Goldcrop Ltd.

PROPINO: A British variety with moderate susceptibility to lodging and straw breakdown. Moderately resistant to *Rhynchosporium*. Moderately susceptible to brown rust and mildew. Susceptible to net blotch. Large grain size with low screening levels.

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

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

- Cross: Tamtam x Concerto
- Breeder/Irl Agent: RAGT (UK), Goldcrop Ltd.

PROVISIONALLY RECOMMENDED

GANGWAY: A Danish variety with very high yield potential. A later maturing variety, with good resistance to lodging and straw breakdown. Very good resistance to mildew and net blotch, with good resistance to brown rust and *Rhynchosporium*. Excellent grain quality.

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

HACKER: A French variety with high yield potential. Good resistance to lodging and moderate resistance to straw breakdown. Very good resistance to mildew. Good resistance to net blotch, brown rust and *Rhynchosporium*. Very good grain quality.

- Cross: Quench x Belgravia
- Breeder/Irl Agent: Secobra (FR), Goldcrop Ltd.

LIMONA: A German variety with high yield potential. An earlier maturing variety with good resistance to lodging and straw breakdown. Very good resistance to mildew and net blotch. Good resistance to *Rhynchosporium* and moderate resistance to brown rust.

- Cross: (Concerto x Milford) x Quench
- Breeder/Irl Agent: Bruen (D), Germinal Ireland.