

Chronicle

SPRING MALTING BARLEY

Technical and Marketing Guide



- Very high yield potential
- Stiff straw with very good resistance to lodging and brackling
- Very good resistance to mildew and *Rhynchosporium*
- Good specific weight and very low screenings
- Malting variety with potential for both brewing and distilling



www.limagrain.co.uk/chronicle

SUMMARY

Chronicle is a very high yielding spring malting barley with very good straw characteristics and resistance to disease. It has good physical grain qualities with a high specific weight and very low levels of screenings. Chronicle has a high Hot Water Extract (HWE) and is a non-GN producer making it highly suitable for both brewing and distilling.

PEDIGREE

Concerto x Quench

BREEDER and AGENT

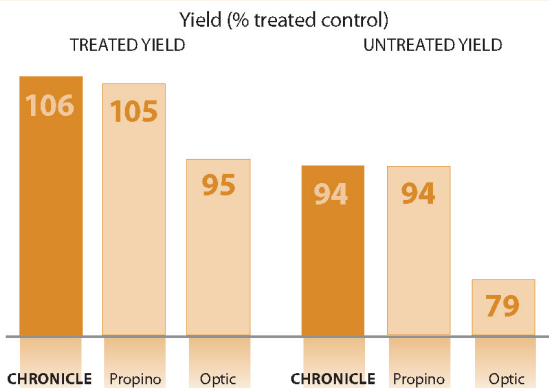
Breeder: Limagrain Europe

Agent: Limagrain UK

STATUS

HGCA (UK), SAC and DARD Recommended Lists.
Institute of Brewing and Distilling under test for brewing & distilling.

VERY HIGH YIELDING



Chronicle has shown a very high potential in treated trials, 1% above Propino and 11% above Optic.

REGIONAL TREATED YIELDS

() = Limited Data

HGCA RL Region	CHRONICLE	Propino	Optic
	Yield (% treated controls)		
North east	107	105	96
East	(103)	105	92
West	(107)	104	96

Chronicle has produced very high yields in the major barley growing regions of the UK.

VERY GOOD RESISTANCE TO BRACKLING

() = Limited Data

	CHRONICLE	Propino	Optic
Resistance to lodging	(8)	8	8
Resistance to brackling	8	8	4
Straw height (cm) untreated	74	76	75
Ripening (days ± Optic)	+1	0	0

Chronicle has stiff straw of a similar length to Optic combined with very good lodging and brackling resistance.

VERY GOOD RESISTANCE TO MILDEW & RHYNCHO

Resistance to:	CHRONICLE	Propino	Optic
Mildew	8	8	5
Yellow rust	7	3	8
Brown rust	5	5	7
<i>Rhynchosporium</i>	7	7	4

Chronicle has a good disease resistance package with very high ratings for resistance to mildew and *Rhynchosporium*, the main spring barley diseases.



GOOD SPECIFIC WEIGHT & VERY LOW SCREENINGS

	CHRONICLE	Propino	Optic
Specific weight (kg/hl)	67.5	66.9	69.7
Screenings (% thro' 2.25mm sieve)	(1.4)	1.0	1.4
Screenings (% thro' 2.5mm sieve)	(3.8)	2.7	4.7

() = Limited Data

Chronicle has good physical grain quality with a high specific weight and very low levels of screenings.

IDEAL MALTING VARIETY

	CHRONICLE	Propino	Optic
Hot water extract (l ^o /kg)	315.1	314.0	312.5
Nitrogen content (%)	1.47	1.52	1.52
IBD approval for brewing	T	F	F
IBD approval for malt distilling	T		F

T = Under Test F = Full Approval

Chronicle has a very high Hot Water Extract (HWE), low grain nitrogen and is a non Glycosidic Nitrile (GN) producer making it very attractive to the malting industry. It is under test by the Institute of Brewing and Distilling (IBD) for both brewing and distilling.

Data from the HGCA Recommended Lists database, full data at www.hgca.com

On the 1-9 scales, high figures indicate that a variety shows the character to a high degree.



Bred by Nickerson.

Limagrain UK Ltd
 Rothwell, Market Rasen,
 Lincolnshire, LN7 6DT
 Tel: 01472 371471 Fax: 01472 371386
 Email: enquiries@limagrain.co.uk