



CONCERTO

SPRING MALTING BARLEY

Technical and Marketing Guide



- Very high yield potential
- Stiff straw with good resistance to brackling
- Very good resistance to mildew
- Good specific weight and very low screening losses
- Fully approved by the Institute of Brewing and Distilling (IBD) for both brewing and distilling



SUMMARY

Concerto is a very high yielding spring malting barley with a good all-round agronomic package and no significant weaknesses. Concerto has a high specific weight and produces a very low level of screenings. Early evaluation suggests Concerto accumulates grain nitrogen at a low level - like Optic - and has particular malting characteristics which will make it highly suitable for both brewing and distilling. Concerto has been added to the CBMO approved list (*which is the French equivalent to the IBD approved list*), offering export opportunities to growers in the South.

PEDIGREE

Minstrel x Westminster

BREEDER and AGENT

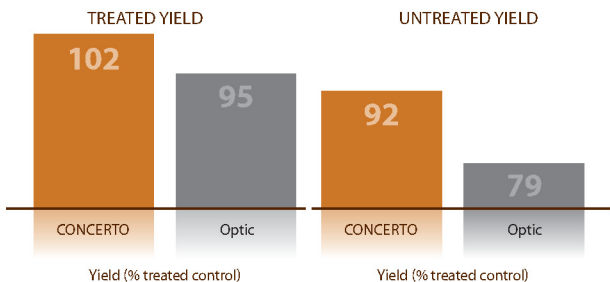
Breeder: Limagrain Europe

Agent: Limagrain UK

STATUS

HGCA (UK), SAC and DARD Recommended List
Institute of Brewing and Distilling Full Approval for
brewing and distilling.

VERY HIGH YIELDING



Yield (% treated control)

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Concerto has a very high yield potential both with and without fungicide.

REGIONAL TREATED YIELDS

HGCA Region	CONCERTO	Optic
	Yield as % treated control	
North east	101	96
North west	103	94
East	104	92

Concerto has produced very high yields in the major malting barley growing regions.

GOOD RESISTANCE TO LODGING AND BRACKLING

	CONCERTO	Optic
Resistance to lodging	6	8
Resistance to brackling	8	4
Straw height (cm) untreated	78	75
Ripening (days \pm Optic)	+1	0

Concerto has a similar straw length to Optic combined with good lodging and brackling resistance. It is slightly later than Optic to ripen.

GOOD ALL-ROUND DISEASE RESISTANCE

	CONCERTO	Optic
<i>Resistance to:</i>		
Mildew	8	5
Yellow rust	7	8
Brown rust	6	7
<i>Rhynchosporium</i>	4	4
<i>Ramularia</i> *	7	6

* = SAC Data

Concerto has excellent resistance to mildew and similar *Rhynchosporium* and rust resistance to Optic. In Scottish trials Concerto has shown very good resistance to *Ramularia* and good green leaf retention.



NICKERSON direct

GRAIN QUALITY

GOOD SPECIFIC WEIGHT & VERY LOW SCREENINGS

	CONCERTO	Optic
Specific weight (kg/hl)	68.1	69.7
Screenings (% thro' 2.25mm sieve)	1.0	1.4
Screenings (% thro' 2.5mm sieve)	2.8	4.7

Concerto has a good specific weight and a very low level of screenings.

IDEAL MALTING VARIETY

	CONCERTO	Optic
Hot water extract (l°/kg)	316.8	312.5
Nitrogen content (%)	1.51	1.52

Concerto has a very high Hot Water Extract (HWE), low grain nitrogen and is a non GN producer, making it very attractive to the distilling and brewing industries. It is fully approved by the Institute of Brewing and Distilling (IBD) for these uses.

Data from the HGCA Recommended Lists database unless otherwise stated, 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.