



# ODYSSEY

spring malting barley

Technical and Marketing Guide



- 
- Very high yield potential
  - Good lodging resistance
  - Very good resistance to 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/odyssey](http://www.limagrain.co.uk/odyssey)



# ODYSSEY

spring malting barley

## SUMMARY

Odyssey is a very high yielding spring malting barley with very good resistance to disease. It has good resistance to lodging and brackling. Odyssey has good physical grain characteristics with a high specific weight and very low levels of screenings.

Odyssey has a high Hot Water Extract 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

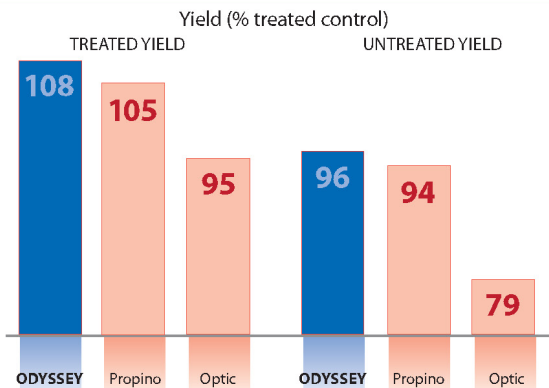
Agent: Limagrain UK

## STATUS

HGCA (UK), SAC and DARD Recommended Lists.

Institute of Brewing and Distilling under test for brewing & distilling.

## VERY HIGH YIELDING



Odyssey has shown a very high yield potential in treated trials, 3% above Propino and 13% above Optic. Odyssey also has an excellent untreated yield, 2% above Propino.

Odyssey is the highest yielding spring barley (malting or feed) on the 2012 HGCA Recommended List.

## REGIONAL TREATED YIELDS

HGCA RL Region	ODYSSEY	Propino	Optic
	Yield (% treated controls)		
North east	108	105	96
East	(108)	105	92
West	(109)	104	96

() = Limited Data

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

## VERY GOOD RESISTANCE TO BRACKLING

	ODYSSEY	Propino	Optic
Resistance to lodging	(6)	8	8
Resistance to brackling	8	8	4
Straw height (cm) untreated	73	76	75
Ripening (days $\pm$ Optic)	+1	0	0

() = Limited Data

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

## VERY GOOD RESISTANCE TO MILDEW & *RHYNCHO*

Resistance to:	ODYSSEY	Propino	Optic
Mildew	9	8	5
Yellow rust	7	3	8
Brown rust	5	5	7
<i>Rhynchosporium</i>	7	7	4

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



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## GOOD SPECIFIC WEIGHT & VERY LOW SCREENINGS

	ODYSSEY	Propino	Optic
Specific weight (kg/hl)	<b>67.8</b>	66.9	69.7
Screenings (% thro' 2.25mm sieve)	<b>(1.1)</b>	1.0	1.4
Screenings (% thro' 2.5mm sieve)	<b>(3.7)</b>	2.7	4.7

( ) = Limited Data

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

## IDEAL MALTING VARIETY

	ODYSSEY	Propino	Optic
Hot water extract (l <sup>o</sup> /kg)	<b>313.8</b>	314.0	312.5
Nitrogen content (%)	<b>1.47</b>	1.52	1.52
IBD approval for brewing	T	F	F
IBD approval for malt distilling	T		F

T = Under Test F = Full Approval

Odyssey 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](http://www.hgca.com)

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



Bred by Nickerson.

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