



CASSATA

WINTER MALTING BARLEY



TECHNICAL AND MARKETING GUIDE

- Malting variety with high yield potential
- Resistant to Barley Mosaic virus
- Provisionally approved by the Institute of Brewing and Distilling for brewing
- Excellent lodging resistance
- Good resistance to *Rhynchosporium* and brown rust
- High specific weight

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.

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 **NICKERSON**

SUMMARY

Cassata is a 2-row winter barley with a high yield potential and promising malting quality. It has moderately short straw, very good resistance to *Rhynchosporium* and brown rust as well as the commonly occurring strains of Barley Mosaic virus. It is currently being evaluated by the Institute of Brewing and Distilling for brewing use.

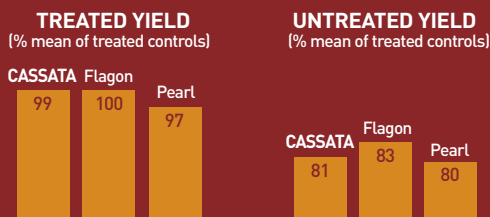
BREEDER AND AGENT

Nickerson

PEDIGREE

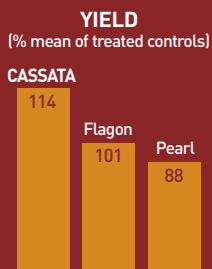
Opal x NSL 96-7517

HIGH YIELD POTENTIAL



Cassata has produced high yields in HGCA treated trials, similar to Flagon and superior to Pearl. Its untreated yield is similar to Pearl.

PERFORMANCE ON LAND INFESTED WITH BARLEY MOSAIC VIRUS



Cassata has shown a very high yield potential on land infested with Barley Mosaic virus in the Cotswolds, 13% above Flagon.

SHORT, STIFF STRAW & EARLY MATURITY

	CASSATA	Flagon	Pearl
Resistance to Lodging (with PGR)	8	5	7
Straw Height (cm) Untreated	93	103	102
Ripening (days +/- Pearl, - = early)	0	-1	0

Cassata has short, stiff straw with very good resistance to lodging. It has a similar ripening to Pearl.

GOOD DISEASE RESISTANCE

	CASSATA	Flagon	Pearl
Mildew	4	7	6
Yellow Rust	2	7	6
Brown Rust	7	7	6
<i>Rhynchosporium</i>	8	8	7
Net Blotch	5	6	5
Barley Mosaic Virus	R	S	S

R = Resistant S = Susceptible

Cassata has very good resistance to *Rhynchosporium* and brown rust but is susceptible to yellow rust and mildew. Resistance to net blotch is comparable with Pearl and Flagon. Cassata is also resistant to the commonly occurring strains of Barley Mosaic virus (BaYMV 1 and BaMMV) unlike Flagon and Pearl which are susceptible.

GRAIN QUALITY

	CASSATA	Flagon	Pearl
Specific Weight (kg/hl)	69.1	69.8	70.8
Screenings % 2.25mm	3.0	3.3	2.5
Screenings % 2.5mm	9.5	9.6	6.9
Grain Nitrogen (%)	1.73	1.69	1.76

Cassata has a good specific weight with similar screenings to Flagon. Malting quality is currently being evaluated by the Institute of Brewing and Distilling; initial testing suggests it has similar levels of grain nitrogen, Hot Water Extract (HWE) and Diastatic Power (DP) to Pearl.