



Carat

WINTER BARLEY



TECHNICAL AND MARKETING GUIDE

- High yielding two-row winter barley
- Short, very stiff straw
- Good all-round disease resistance, including Barley Yellow Mosaic virus
- Early to ripen
- Excellent grain quality with high specific weight and low screenings
- Good samples may be suitable for the pearling market

All data is a partial extraction from the HGCA 2007-8 Recommended List.
The full Recommended List database can be consulted at www.hgca.com



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Limagrain



SUMMARY

Carat is a two-row feed winter barley with a high yield potential, fully recommended on the 2007-8 HGCA Recommended List. It has short, very stiff straw and good all-round disease resistance, including Barley Yellow Mosaic virus. Carat produces grain with a very good specific weight and low levels of screenings.

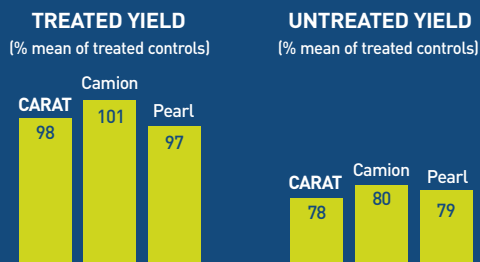
BREEDER AND AGENT

Nickerson

PEDIGREE

Volley x Cabrio

HIGH YIELD POTENTIAL



Carat has shown a high yield potential in both treated and untreated trials.

REGIONAL TREATED YIELDS

HGCA RL REGION	CARAT	Camion	Pearl
	Yield (% treated controls)		
North	96	102	99
Wet (West)	98	100	98
Dry (East)	98	101	96

Carat has produced high yields in all areas of the UK.

SHORT, STIFF STRAW & EARLY MATURITY

	CARAT	Camion	Pearl
Resistance to Lodging (with PGR)	8	7	7
Straw Height (cm) Untreated	89	94	105
Ripening (days +/- Pearl, + = late)	-3	-3	0

Carat has short, stiff straw. It is early to ripen, similar to many of the six-row types.

GOOD DISEASE RESISTANCE

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

R = Resistant; S = Susceptible

Carat has good all-round disease resistance, including resistance to the commonly occurring strains of Barley Yellow Mosaic virus (BaYMV 1 and BaMMV).

GRAIN QUALITY

	CARAT	Camion	Pearl
Specific Weight (kg/hl)	72.0	71.6	70.8
Screenings % 2.25mm	1.7	3.2	2.6
Screenings % 2.5mm	4.3	9.0	7.1

Carat has a very good specific weight and low levels of screenings.