



RETRIEVER

Winter Barley



TECHNICAL AND MARKETING GUIDE

- Exceptionally high yielding, two-row feed winter barley
- Short straw
- Good all-round disease resistance
- Resistant to Barley Mosaic virus

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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SUMMARY

Retriever is a two-row feed winter barley with an exceptionally high yield potential. It has a similar level of yield to many of the six-rows and has performed particularly well in the north of the UK. It has no major agronomic weaknesses and is resistant to Barley Mosaic virus.

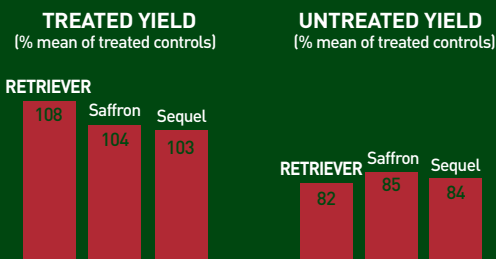
BREEDER AND AGENT

Breeder: Sejet, Denmark Agent: Nickerson

PEDIGREE

Clara x SJ 990647

HIGH YIELD POTENTIAL



Retriever has an excellent treated yield potential, 4% above Saffron and 5% above the six-row Sequel.

REGIONAL TREATED YIELDS

HGCA RL REGION	RETREIVER	Saffron	Sequel
	Yield (% treated controls)		
North	111	103	103
Wet (West)	107	104	104
Dry (East)	107	102	102
BYMV site (Cotswolds)	120	110	(Not in trial)

Retriever has performed particularly well in the HGCA Northern region (3% above its UK mean) and outyielded Saffron by 10% in the presence of Barley Mosaic virus.

SHORT STRAW

	RETREIVER	Saffron	Sequel
Resistance to Lodging (with PGR)	6	8	7
Straw Height (cm) Untreated	88	92	110
Ripening (days +/- Pearl, - = early)	-2	0	-2

Retriever has short straw and good lodging resistance when PGR treated. It is earlier to ripen than Saffron.

GOOD DISEASE RESISTANCE

	RETREIVER	Saffron	Sequel
Mildew	5	3	5
Yellow Rust	7	6	6
Brown Rust	5	6	5
<i>Rhynchosporium</i>	8	6	8
Net Blotch	7	8	7
Barley Mosaic Virus	R	S	R

R = Resistant S = Susceptible

Retriever has good all-round disease resistance, particularly to *Rhynchosporium* (8) and net blotch (7), including the common strains of Barley Mosaic virus (BaYMV 1 and BaMMV).

GRAIN QUALITY

	RETREIVER	Saffron	Sequel
Specific Weight (kg/hl)	66.6	70.3	69.8
Screenings % 2.25mm	5.8	2.4	5.4
Screenings % 2.5mm	18.5	8.2	18.1