



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.



Rothwell, Market Rasen,
Lincolnshire, LN7 6DT. England.

Tel: 01472 371471 **Fax:** 01472 371386

Email: enquiries@nickerson.co.uk

Website: www.nickersonseeds.co.uk/retriever



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

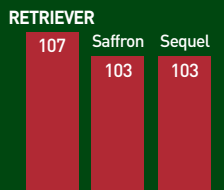
Breeder: Sejet, Denmark Agent: Nickerson

PEDIGREE

Clara x SJ 990647

HIGH YIELD POTENTIAL

TREATED YIELD (% treated control)



UNTREATED YIELD (% treated control)



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

REGIONAL TREATED YIELDS

| HGCA RL REGION | RETRIEVER | Saffron | Sequel |
|-----------------------|---------------------------|---------|--------|
| | Yield (% treated control) | | |
| North | 111 | 101 | 104 |
| Wet (West) | 106 | 103 | 103 |
| Dry (East) | 106 | 103 | 102 |
| BYMV site (Cotswolds) | 120 | 110 | 114 |

Retriever has performed particularly well in the HGCA Northern region (4% above its UK mean) and outyielded Saffron by 10% in the presence of Barley Mosaic virus.

SHORT STRAW

| | RETRIEVER | Saffron | Sequel |
|--------------------------------------|-----------|---------|--------|
| Resistance to Lodging (with PGR) | 6 | 8 | 6 |
| Straw Height (cm) Untreated | 84 | 88 | 104 |
| Ripening (days +/- Pearl, - = early) | -1 | 0 | -2 |

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

GOOD DISEASE RESISTANCE

| | RETRIEVER | Saffron | Sequel |
|-----------------------|-----------|---------|--------|
| Mildew | 6 | 3 | 6 |
| Yellow Rust | 8 | 6 | 6 |
| Brown Rust | 6 | 7 | 6 |
| <i>Rhynchosporium</i> | 8 | 4 | 8 |
| Net Blotch | 6 | 8 | 7 |
| Barley Mosaic Virus | R | S | R |

R = Resistant S = Susceptible

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

GRAIN QUALITY

| | RETRIEVER | Saffron | Sequel |
|---------------------------|-----------|---------|--------|
| Specific Weight (kg/hl) | 66.6 | 70.3 | 69.5 |
| Screenings % thro' 2.25mm | 4.8 | 1.9 | 3.7 |
| Screenings % thro' 2.5mm | 16.8 | 7.4 | 16.2 |