



Market leading six-row winter barley with excellent grain quality

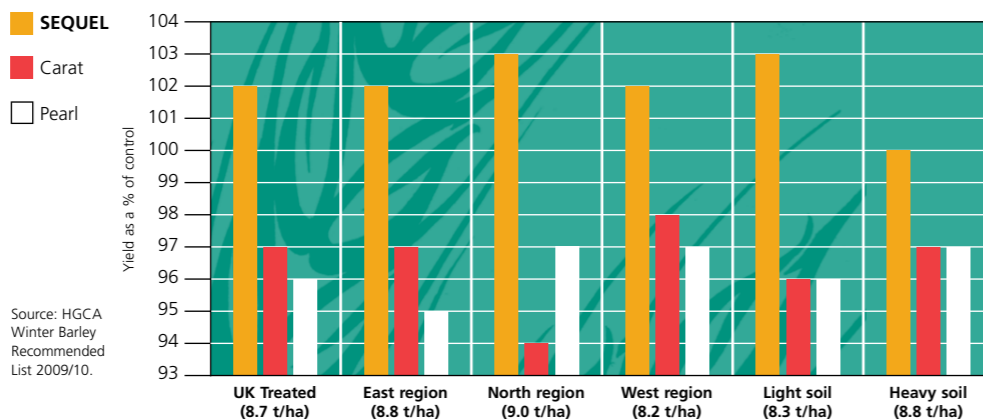
Parentage: LW90.502 x Hamu

Status: HGCA Recommended List 2009

Yield Potential

Sequel has produced excellent yields across all areas of the UK – whatever the soil type, drilling date or fertility response rate, demonstrating its outstanding flexibility to the grower.

Yield Performance



Disease Resistance Profile

Sequel has a very good disease resistance profile to all the major diseases: mildew, net blotch and Rhynchosporium along with BaYMV resistance, a crucial factor in certain areas of the country.

Variety	Mildew	Net Blotch	Brown Rust	Yellow Rust	Rhynchosporium	BaYMV
SEQUEL	5	7	5	7	8	R
Carat	6	6	5	7	7	R
Pearl	6	5	6	6	7	S

Source: HGCA Winter Barley Recommended List 2009/10.

Fungicide Use

Always consult your agronomist and adapt programmes to local conditions.

- T0 - Needed if there are signs of early disease pressure.
- T1 - T1 timing is the key for protecting the canopy during the plants' main spring growth period, as during this time competition from disease reduces the development of potential grain sites. The use of Kayak + a triazole or strobilurin-based product gives a broad spectrum of disease control. Triazole should be added in a curative situation or where the crop is showing high levels of brown rust.
- T2 - T2 application is to protect green leaf and prolong grain filling, as premature senescence caused by disease and abiotic leaf spotting reduces yield and increases loss through screenings and specific weight. Bravo has been demonstrated to have affect against biotic and abiotic leaf spotting as well as providing good disease control and prolonged green leaf retention.



CORE PROGRAMME

- T0 - Kayak + morpholine if required
- T1 - Kayak + triazole or strobilurin
- T2 - Amistar Opti + triazole

Note: Amistar Opti is a co-formulation containing azoxystrobin and chlorothalonil (Bravo).

Agronomic Information

Good all-round agronomics offer an easy and flexible variety to grow, with early maturity and tall but stiff straw – a requirement for many growers with livestock.

Variety	Ripening (+/- Pearl, -ve = earlier)	Height (cm)	Resistance to Lodging	Winter Hardiness
SEQUEL	-2	106	6	5

Source: HGCA Winter Barley Recommended List 2009/10.

Growth Habit

- Autumn: Semi prostrate
- Spring: Medium / Slow
- Tillering ability: Medium
- Maturity: Medium / Early

Drilling Dates

- Suitability for early drilling: Good
- Optimum drilling dates: Mid-September to early October
- Suitability for late drilling (December): Good (very vigorous)

Recommended Sowing Rates

Seed rates are dependent on soil conditions, rotation and time of drilling: the more difficult the environment, the higher the seed rate must be to compensate for potential plant loss. The table below shows the suggested number of seeds per square metre that should be planted under good conditions.

September	October	November
300 - 325	350 - 375	375 - 400

This table should always be used in conjunction with the thousand grain weight of the seed to calculate the sowing rate.

Nitrogen Application

Apply enough nitrogen to maximize yield potential. The quantity required will depend on soil reserves, but Syngenta Seeds recommends, as a general rule in a second cereal situation, 170kg/ha N with a split dressing of 10% at the end of February, 50% mid-March and 40% during mid-April. These figures are for guidance purposes only. You must work with your agronomist when calculating nitrogen rates and timings, taking into consideration end market requirements and the fertility of the field. You should also work within any Defra guidelines / restrictions.





PGRs

Sequel is regarded as a medium risk variety in terms of lodging, hence Syngenta Seeds recommend the use of PGRs at GS32. On very lush crops, or very fertile sites, a second PGR at GS37 may be required.

Core Guidelines

GS31- 32 – Moddus 0.2 lt/ha + chlormequat 1.25 lt/ha at onset of stem extension.

GS37 – Moddus 0.3 lt/ha or ethephon + mepiquat chloride 1.0 lt/ha (in high risk situations).

Quality

Sequel is a six-row feed variety with exceptional specific weight.

Variety	Specific Weight (kg/hl)	Sieving % through 2.25mm	Sieving % through 2.5mm
SEQUEL	69.2	4.7	18.2

Source: HGCA Winter Barley Recommended List 2009/10.

Harvesting

It is always advisable to harvest the crop in the best possible condition.



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For further information visit www.newfarmcrops.co.uk

Source: HGCA Recommended List 2009/10 - the full database can be consulted at www.hgca.com

Disclaimer

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January 2009

