



Sequel

Winter Feed Barley

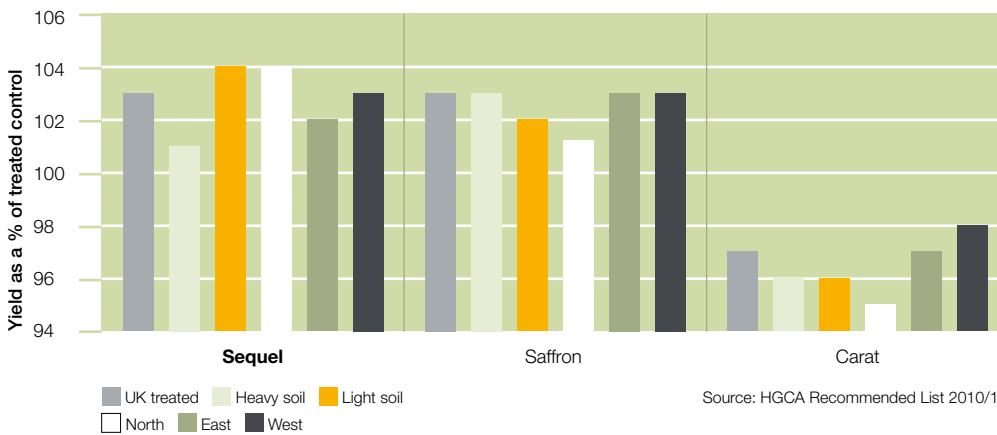
Parentage: LW90.502 x Hamu
 Status: HGCA Recommended List 2010/11

Popular six-row winter barley with excellent grain quality

Yield potential

Sequel has produced very good 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

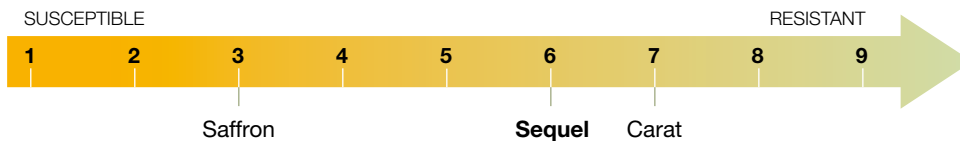


Disease resistance

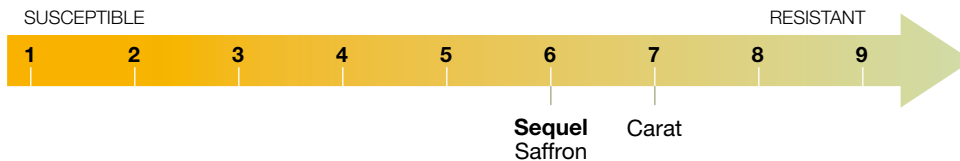
Sequel has a good disease resistance profile to all the major diseases: mildew, net blotch and Rhynchosporium along with BaYMV resistance, a crucial factor in certain areas of the country.

Disease resistance ratings

Mildew



Yellow rust

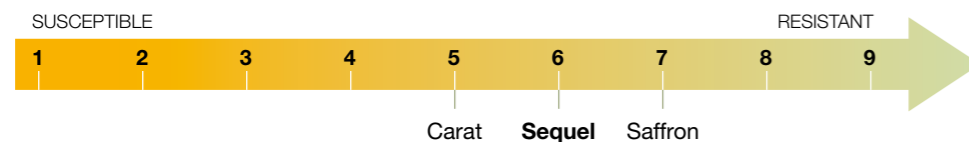


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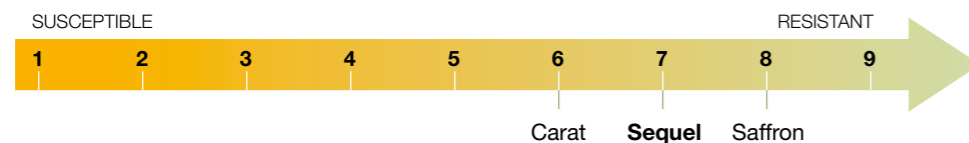
APRIL 2010

TM

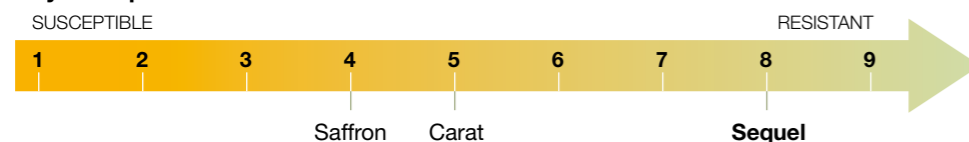
Brown rust



Net blotch



Rhynchosporium



Source: HGCA Recommended List 2010/11

Fungicide use

Always consult your agronomist and adapt programmes to local conditions.

T0 – Needed if there are signs of early disease pressure.

T1 – The use of Bontima at T1 will provide clean, stress-free lower green leaves to build yield potential.

T2 – Bontima at T2 gives outstanding protection against disease and leaf spotting for green leaf retention, securing yield potential and increasing quality by driving grain size and grain fill.

CORE PROGRAMME

T0 – Unlikely to be needed, use morpholine if required.

T1 – Bontima 1.6 lt/ha

T2 – Bontima 1.6 lt/ha



Agronomic information

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

Variety	Resistance to lodging	Straw height (cm)	Ripening (+/- Pearl)	Winter hardiness
Sequel	6	104	-2	6

Source: HGCA Recommended List 2010/11

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 the 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
Seeds/m ²	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, 170 kg/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.

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.

Specific weight: 69.5 kg/hl

Sieving % through 2.25mm: 3.7%

Sieving % through 2.5mm: 16.2%

Source: HGCA Recommended List 2010/11

Harvesting

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

Source: HGCA Recommended List 2010/11 – the full database can be consulted at www.hgca.com
On the 1-9 scales high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

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