

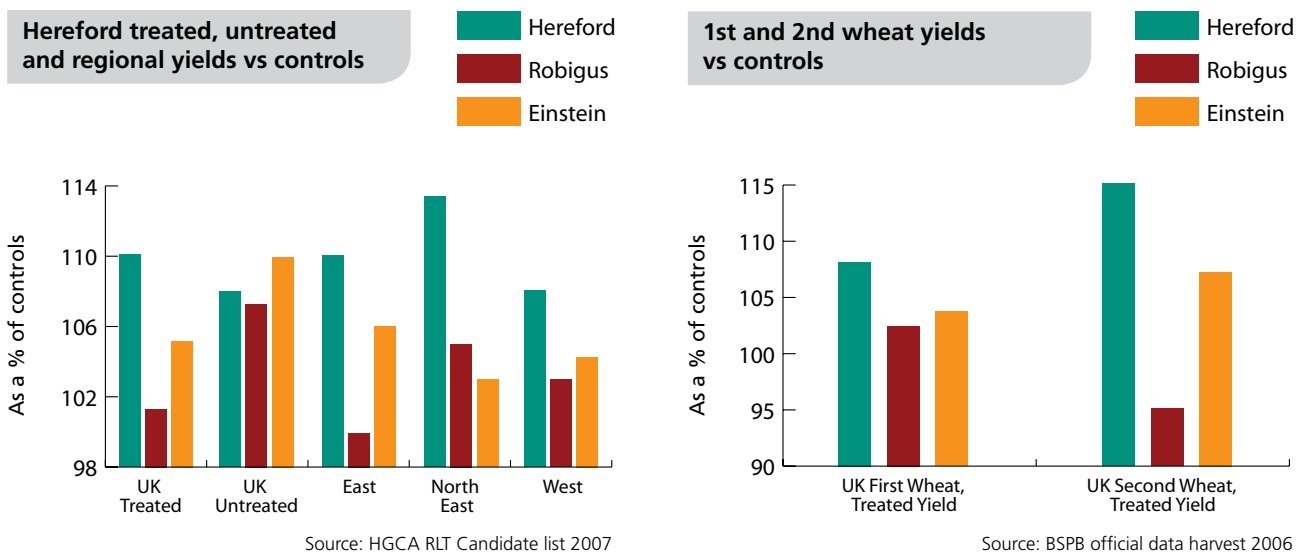


The winter feed wheat with barn-busting yield potential

Parentage: Solist x Deben

Status: HGCA Recommended List Trial Candidate 2007

- Hard endosperm, group 4 variety
- Extremely high yields throughout the UK
- Exceptional results in first and second wheat situations
- Excellent adaptability across Europe – including Denmark, France and Germany
- Good all round disease resistance



Disease resistance chart

Variety	Septoria tritici	Mildew	Yellow Rust	Brown Rust	Eyespot
Hereford	6	6	9	2	(3)
Robigus	6	7	3	9	4
Einstein	5	6	6	6	6

Source: HGCA/CEL Candidate List 2007 (() denotes limited data)



Growth Habit

- Tall straw with moderate straw strength
- Hereford is a fast developing variety with moderate apical development and excellent tillering ability
- Suitable for early, mid or late drilling (dependent on location, soil type and rotational position)

Variety	Ripening +/- Claire	Lodging % untreated trials	Lodging % treated trials
Hereford	+1	9	8
Robigus	(+1)	(2)	(1)
Einstein	-1	2	0

Source: HGCA Candidate List 2007

Agronomy

Local conditions may vary, so always consult your local agronomist and adapt to local conditions.

Seed rate

- September – mid October: 150-200 seeds/m²
- Mid October onwards: 225-275 seeds/m²

Core fungicide programme

T0 – Bravo 1.0lt/ha (only in high risk Septoria situations) +/- triazole if increased rust risk

T1 – Cherokee 1.25 – 1.5lt/ha. Apply Unix at 0.5kg/ha if high risk of eyespot

T2 – Amistar Opti 1.25lt/ha + triazole (half to three quarter rate)

T3 – Amistar 0.5lt/ha + triazole (quarter to half rate)

Nitrogen application

- Standard Nitrogen input programme for a feed variety, typically not exceeding 220kgs N/ha
- 30-40% of total dose in early March
- Remainder of the total dose (60-70%) mid-late April

PGRs

- Hereford has moderate straw strength with an increased risk of lodging, so will require a more robust PGR programme
- As an insurance measure apply Chlormequat at 1.5lt/ha at GS30-31
- In higher risk situations, adding Moddus will increase root structure and aid plant shortening, apply Chlormequat 1.25lt/ha + Moddus 0.1lt/ha at GS30-31
- In low plant population, Moddus will help root stimulation and promote tiller numbers
- Consider an ethephon based PGR at T2

Grain Quality

- Danish results show high starch, low protein and high energy content, potentially making it a preferred type for animal feeding

Variety	Specific Weight (kg/hl)	Protein Content (%)
Hereford	77.5	11.1
Robigus	(77.7)	(12.5)
Einstein	78.1	12.2

Source: HGCA Candidate List 2007

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Source: Data from HGCA Recommended Lists, full database at <http://www.hgca.com>



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