



Robust and very high yielding spring feed barley

Parentage: Linden x Colada

Status: HGCA Recommended List 2007 and SAC Recommended List 2007

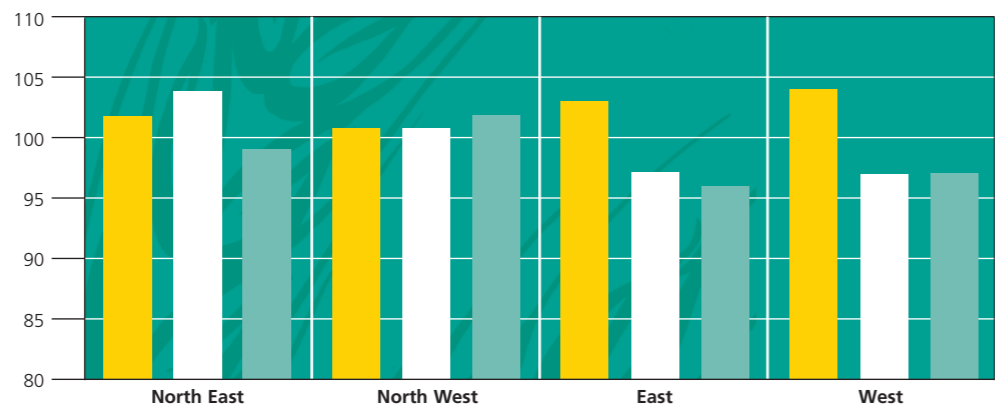
Yield Potential

Doyen is one of the highest yielding and most consistent varieties available in treated and untreated situations. Doyen is a top choice feed variety where Rhynchosporium is a concern.

Variety	UK Treated Yield % (7.1 t/ha)	UK Untreated Yield %
Doyen	103	96
Riviera	98	90
Rebecca	100	92

Source: HGCA Recommended List 2007

Doyen has produced consistently high yields across all regions of the UK, ensuring it is a reliable variety to grow, both for grain and straw production.



Legend: Doyen (Yellow), Rebecca (White), Riviera (Grey)

Source: HGCA Recommended List 2007

Disease Resistance

Doyen has exceptional disease resistance with a high Rhynchosporium and mildew rating. However a managed fungicide programme is recommended.

Variety	Mildew	Brown Rust	Rhynchosporium
DOYEN	8	6	7

Source: HGCA Recommended List 2007

Fungicide Use

Getting early to mid season agronomy right is crucial to establishing a healthy crop.

- T0 - The T0 spray prevents diseases gaining a foothold in long growing seasons or where disease pressure is high. The use of Unix helps keep Rhynchosporium at bay.
- T1 - Timing is key for protecting the canopy during the plants' main burst of growth. Kayak + Triazole provides broad spectrum disease control.
- T2 - Managing late season plant health is also vitally important to ensure a healthy harvest. This is the key time to protect grain fill with awns and green leaf areas being the key targets. Strobilurins protect against foliar diseases and Chlorothalonil has demonstrated control of biotic and abiotic spotting.

CORE PROGRAMME

- T0 - Unix and Tern (should be used where disease pressure is high)
- T1 - Kayak + Triazole
- T2 - Amistar Opti + Triazole

Agronomic Information

Doyen is earlier maturing than Optic – 1-3 days earlier in England and up to 5 days in Scotland, therefore harvest management should take account of this.

Variety	Resistance to lodging	Straw height (cm)	Ripening (+/- Optic, -ve=earlier)	Resistance to brackling
DOYEN	9	70	-1	8

Source: HGCA Recommended List 2007

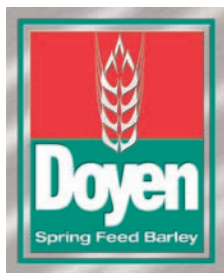
Doyen possesses all the characteristics of a good feed variety, including high yields, good straw length and excellent resistance to Rhynchosporium. Whilst there are varieties with longer straw available on the HGCA Recommended List 2007, not all produce the same volume of straw and are as reliable. This extra straw volume is coming from Doyens extra bio mass and number of surviving tillers.

Growth Habit

- Early Spring - Semi prostrate
- Tillering ability - Medium
- Maturity - Early – Medium

Drilling Dates

- Suitability for early drilling - December onwards
- Optimum drilling date - England: January – February, Scotland: February – March
- Suitability for late drilling (April) - Acceptable



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.

	Dec/Jan	February	March	April
ENGLAND	350	350	350	400
SCOTLAND	N/A	350	375	425

The chart above should always be used in conjunction with the thousand-grain weight of the seed to calculate the sowing rate.

Nitrogen Application

When growing high yielding feed spring barley crops, it is important to have a high nutrient supply. As a base guideline apply 10-15% extra than an Optic crop grown for malting. Seed bed applications are not so important for feed varieties and therefore Nitrogen should be a split dose with 50% at GS 11/12 and 50% at GS 21/22.

PGR's

Normally not required, however NFC advises their use on lush crops or very fertile sites. In these cases use low rate Moddus (0.1 – 0.2 l/ha) at GS 29-30 to stabilise tillers and promote root development.

Quality

Doyen is a high yielding feed barley with excellent grain size, which has also performed well in wholecrop situations.

Grain Quality

- Specific Wt - 69.2 kg/hl
- Sieving % through - 2.25mm - 2.5%
- Sieving % through - 2.5mm - 7.6%

Source: HGCA Recommended List 2007

Harvesting Priority

Normal harvest priority - Doyen has excellent resistance to ear loss, but it is always advisable to harvest the crop in the best condition as soon as moisture is correct.

MEET THE TOUGH GUYS

YOUR IDEAL WEAPON OF CHOICE TO WIN CONSISTENT FEED BARLEY YIELDS

Feed barleys don't come much tougher than high yielding Doyen

- Outstanding Rhynchosporium resistance
- Unbeatable resistance to lodging and brackling
- Good straw volume

So, if you want exceptional yields, it's not a hard choice. It has to be Doyen.

For further information contact your local seed merchant or visit www.newfarmcrops.co.uk

NFC
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Doyen
Spring Feed Barley

NEW DOYEN. THE 'HARD MAN' FEED BARLEY THAT DELIVERS HUGE YIELDS

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