

senova

2026

varieties



www.senova.uk.com

wheat

Market size

Wheat is the largest grown cereal in the UK with 1.7 million hectares grown annually. The most widely grown group is the UKFM group 4 feed wheats, followed by bread milling wheats group 1 & 2 and biscuit wheats, group 3, which has seen a recent surge in popularity.

Group 1 • Consistent high-quality milling and baking performance targeting 13% protein.

Group 2 • Exhibit bread making potential, but are not suitable to all grists.

Group 3 • Suitable for biscuits and cakes requires low protein, extensible but not elastic gluten.

Group 4 • Mainly grown as feed but may have other suitabilities.

Market options







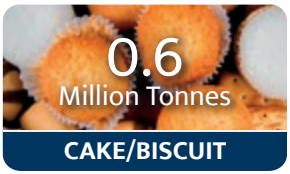






+ 0.8 Million Tonnes
IMPORTED WHEAT











Market requirements

Grain quality measure	UKFM Group 1	UKFM Group 2	UKFM Group 3	*ukp*	*uks*	Distilling
Minimum specific weight (kg/hl)	76	76	74	76	75	72
Maximum moisture content (%)	15	15	15	14	14	15
Maximum admix (%)	2	2	2	2	2	2
Minimum Hagberg Falling Number (HFN)	250	250	220	250	220	180
Protein content (%)	13	12.5	11.5	11.0-13.0	10.5-11.5	11.6
Chopin Alveograph W	N/A	N/A	N/A	170 (min)	70-120	N/A
Chopin Alveograph P/L	N/A	N/A	N/A	0.9 (max)	0.55 (max)	N/A

Why grow Wheat?

- Largest crop grown in the UK and still one of the most profitable crops in the rotation.
- Wheat boasts the most market options from high quality flours through to distilling and export opportunities all markets than can offer growers a premium.
- Variety choice! With so many varieties to choose from there is a variety out there that can be chosen specifically for the needs of the farmer.



nos Beast WINTER WHEAT

AHDB CANDIDATE

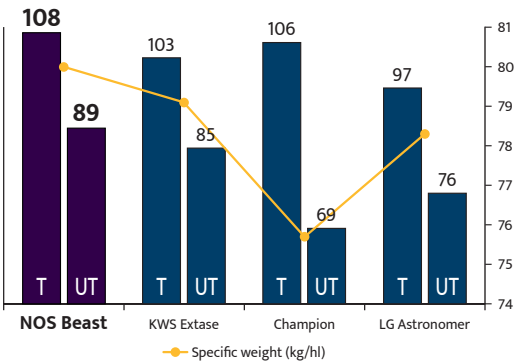
- Very high yields
- Superb disease resistance

NOS Beast is a very high yielding soft wheat, with an outstanding disease package and excellent grain quality.

NOS Beast is a true example of the balance between high yields and disease resistance. Offering an unbeatable level of resistance to the four key foliar disease in wheat mildew (7), yellow rust (9), brown rust (8) and septoria (8). Suited to the main drilling window across the UK with the potential of earlier in the north (where it yields 114%). Its balance of prostrate growth habit and medium speed of development make it competitive against black grass.

UK TREATED/UNTREATED YIELDS

as % T C, 10.7 t/ha



REGIONAL YIELDS	East (10.6 t/ha)	West (11.4 t/ha)	North (10.1 t/ha)
NOS Beast	**108**	**[105]**	**[[114]]**
KWS Extase	103	[105]	[[99]]
Champion	105	[108]	[[104]]
LG Astronomer	97	[95]	[[99]]

GRAIN QUALITY	
Specific weight (kg/hl)	80.0
Hagberg Falling Number	296
Protein content %	11.1

DISEASE RESISTANCE	
Mildew	7
Yellow rust	9
Brown rust	8
Septoria tritici	7.6
Eyespot	3
OWBM	–

AHDB Winter Wheat Candidate 2026

Senova Trials H2025

TREATED YIELD	as % T C, 8.75 t/ha
NOS Beast	**105**
KWS Extase	104
Champion	103
LG Astronomer	93


nos Beast
WINTER WHEAT
AHDB
CANDIDATE
is coming for you!
NOS Beast is a very high yielding
feed wheat, with an outstanding disease
package and excellent grain quality
senova
Tel 01223 890777 • info@senova.uk.com
@SenovaLtd • www.senova.uk.com

Girton WINTER WHEAT

AHDB CANDIDATE

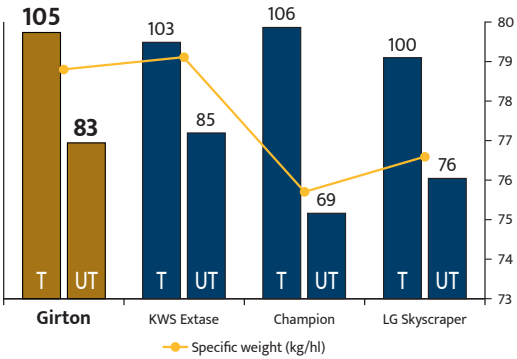
- Excellent agronomic package
- Very high yields
- Early to ripen

Girton is the ideal Graham replacement, with a robust disease package and excellent agronomics.

Suitable for drilling from 1st week of September onwards, and as a second or more cereal, Girton offers growers the reliability they have come to know and depend on from Graham. Bold grain and high specific weight adds to the appeal as a hard feed type. Early maturing so easy to sequence in partnership with other hard feed types, with the flexibility of incredibly stiff straw that allows the agronomist to be more flexible in their approach.

UK TREATED/UNTREATED YIELDS

as % T C, 10.7 t/ha



GRAIN QUALITY	
Specific weight (kg/hl)	78.8
Hagberg Falling Number	231
Protein content %	11.6

AGRONOMICS	
Lodging – Untreated (%)	0
Lodging – Treated (%)	0
Straw length without PGR (cm)	89.3
Ripening (days ± RGT Skyfall)	+1

REGIONAL YIELDS	East (10.6 t/ha)	West (11.4 t/ha)	North (10.1 t/ha)
Girton	**105**	**[104]**	**[[106]]**
KWS Extase	103	[105]	[[99]]
Champion	105	[108]	[[104]]
LG Skyscraper	100	[99]	[[103]]

DISEASE RESISTANCE	
Mildew	6
Yellow rust	6
Brown rust	6
Septoria tritici	6.7
Eyespot	3
OWBM	–

AHDB Winter Wheat Candidate 2026

WINTER WHEAT Gibson

AHDB CANDIDATE

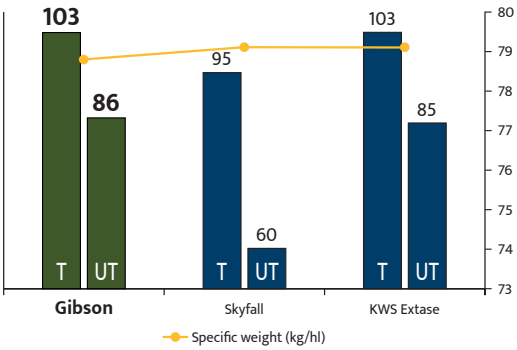
- **Potential breadmaking wheat**
- **Stiff straw**
- **Early to ripen**

A potential Group 2 quality wheat with characteristics suitable for regenerative farming.

Gibson is a high yielding quality wheat with good agronomics and disease resistance which will find favour with direct drillers and regen farmers. Focusing on its good resistance to early disease pressure accompanied by a fast speed of development Gibson has the attributes to stand out in this developing area.

UK TREATED/UNTREATED YIELDS

as % T C, 10.7 t/ha



GRAIN QUALITY	
Specific weight (kg/hl)	77.7
Hagberg Falling Number	281
Protein content %	11.6

AGRONOMICS	
Lodging – Untreated (%)	1
Lodging – Treated (%)	0
Straw length without PGR (cm)	88.1
Ripening (days ± RGT Skyfall)	-1

REGIONAL YIELDS	East (10.6 t/ha)	West (11.4 t/ha)	North (10.1 t/ha)
Gibson	**103**	**[104]**	**[[100]]**
Skyfall	95	[94]	[[95]]
KWS Extase	103	[105]	[[99]]
Champion	105	[108]	[[104]]

DISEASE RESISTANCE	
Mildew	7
Yellow rust	8
Brown rust	7
Septoria tritici	6.9
Eyespot	4
OWBM	–

AHDB Winter Wheat Candidate 2026

SPRING WHEAT

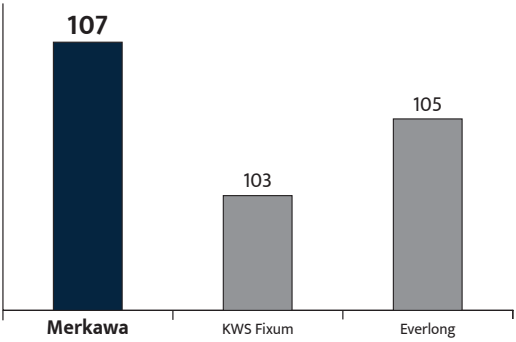
Merkawa

AHDB RECOMMENDED

Merkawa is a very high yielding feed type with all the farmer friendly traits growers look for in spring wheat.

Joining the recommended list with an impressive yield of 107% it offers growers a substantial increase over current listed varieties. It is very early to ripen, a trait sort after by many growers.

TREATED YIELD — as % C, 7.2 t/ha



GRAIN QUALITY (Spring sowing)	
Specific weight (kg/hl)	77.3
Hagberg Falling Number	296
Protein content %	12.2

AGRONOMICS	
Lodging with PGR (%)	–
Straw length without PGR (cm)	78
Ripening (days ± Mulika)	-1

DISEASE RESISTANCE	
Mildew	9
Yellow rust	7
Brown rust	7
Septoria tritici	[5]
OWBM	–

AHDB Spring Wheat Recommended List 2026

MULIKA
SPRING WHEAT

AHDB RECOMMENDED

Mulika remains a very popular Group 1 spring wheat variety.

It was the first Group 1 wheat with orange blossom midge resistance. Mulika continues to have a considerable loyal following and remains a popular variety on farm.

Mulika combines a good yield potential from both autumn and spring sowings, with moderate length straw, robust disease resistance and superb grain quality. It is early to ripen and has always shown good resistance to sprouting.

Mulika performs well in baking tests giving the potential for good market premiums. These attributes ensure that Mulika is the perfect flexible spring crop option to achieve excellent gross margins.

TREATED YIELD	
Spring sown (7.2 t/ha)	93

GRAIN QUALITY (Spring sowing)	
Specific weight (kg/hl)	77.0
Hagberg Falling Number	319
Protein content %	14.0

Agronomy tips

Mulika can be successfully grown from November to April. On seed rate we can only give general guidance as this depends on drilling date, soil type, seed bed quality, geographic location etc. In general, aim for around 600 ears per m^2. For late autumn sowings seed rates should be around 300 to 325 seeds/m^2. For spring sowings, taking into account the variations mentioned above, an approximate seed rate recommendation based on available information would be 350 to 400 seeds/m^2. If the drilling date gets later and moves into April then a rate toward the higher end of this or possibly slightly over may be wise. Little lodging has been seen in trials over recent years and so no data is available from AHDB on lodging. Although Mulika stands well it is advisable to apply a PGR programme, especially on late autumn sowings and growers should consult their agronomist.

AGRONOMICS	
Lodging with PGR (%)	[4]
Straw length without PGR (cm)	78
Ripening (days ± Mulika)	0

DISEASE RESISTANCE	
Mildew	[7]
Yellow rust	6
Brown rust	6
Septoria tritici	6
OWBM	R

AHDB Spring Wheat Recommended List 2026

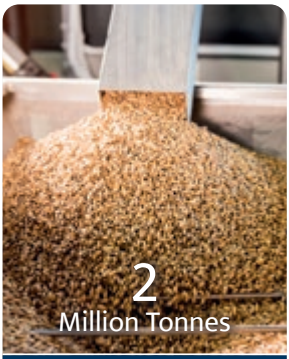
barley

Market size

The UK barley area is approximately 1.1 million hectares with spring barley equating for two thirds of the area.

Market options

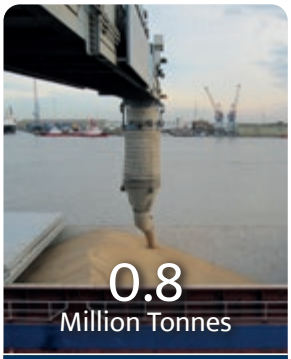
Both winter and spring barley offer malting and feed options with the main market for malting barley being spring sown.



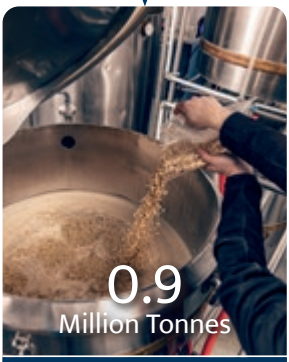
MALTING



ANIMAL FEED



EXPORT



BREWING



DISTILLING

Market requirements

Grain quality measure	Distilling Malt	Brewing	Export Malt
Minimum germination (%)	98	98	98
Minimum specific weight (kg/hl)	63	62	62
Maximum moisture content (%)	14.5	14.5	14.5
Maximum admix (%)	2	2	2
Protein content (%)	9.2 - 10.3	10 - 10.9	10.6 - 11.6
Skinning (max %)	3 - 4	3 - 4	3 - 4
Screenings < 2.2 mm (max %)	3	2.5 - 3.5	2.5 - 3.5

Why grow Barley?

- Winter barley still offers growers diversity in the rotation and an excellent entry for oilseed rape.
- A great way to spread workload across the farm, often being one of the first cereals drilled and harvested, however with no strict latest sowing date you can be flexible in your drilling approach.
- Excellent opportunity for premiums on malting varieties for both winter and spring with a range of options.
- Barley has seen a big step up in genetic improvement in the last 10 years offering increased yields and greater access to new traits such as BYDV and BaYMV dual strain resistance.



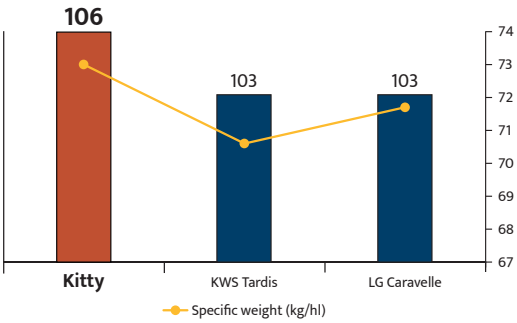
Kitty
WINTER BARLEY

AHDB RECOMMENDED

Kitty embodies everything a winter barley grower looks for in a variety.

Having proven itself as a strong performer in all regions, Kitty is an ever-growing popular choice for growers, especially in the North. Boasting the highest specific weight of any variety on the RL combined with very stiff straw and good resistance to brackling, Kitty can stand up to the challenges of a difficult season. Kitty has a moderate to fast speed of development growth habit which allows for the variety to be drilled as early as the first week in September. Supported by a solid disease package, with excellent resistance to rhynchosporium and net blotch, Kitty also has dual strain resistance to BaYMV 1 & 2.

TREATED YIELD – NORTH	as % C, 10.8 t/ha



REGIONAL YIELDS	UK (9.8 t/ha)	East (9.5 t/ha)	West (9.6 t/ha)
Kitty	**103**	**103**	**[101]**
KWS Tardis	103	103	101
LG Caravelle	105	107	105

SOIL TYPE	Light (10.2 t/ha)	Heavy (8.9 t/ha)
Kitty	**103**	**104**
KWS Tardis	103	105
LG Caravelle	104	107

AHDB Winter Barley Recommended List 2026/27

GRAIN QUALITY	
Specific weight (kg/hl)	73.0
Screenings % (<2.25mm)	1.5
Screenings % (<2.5mm)	4.2

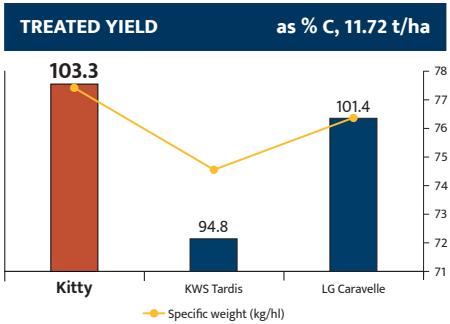
AGRONOMICS	
Resistance to lodging (-PGR)	[8]
Resistance to lodging (+PGR)	8
Straw height (cm) -PGR	95
Straw height (cm) +PGR	87
Brackling %	4
Ripening (days ± LG Caravelle)	+2

DISEASE RESISTANCE	
Mildew	6
Brown rust	5
Rhynchosporium	7
Net Blotch	6
BaYMV1 and BaMMV	R
BaYMV2	R

ANNUAL YIELDS	2023 (10.0 t/ha)	2024 (9.9 t/ha)	2025 (10.0 t/ha)
Kitty	**105**	**103**	**102**
KWS Tardis	103	103	102
LG Caravelle	105	105	105

AHDB Winter Barley Recommended List 2026/27

Frontier Trials H2025



Frontier AHDB RL Trial H2025, Haywold

BaYMV

BaYMV is a soil borne virus which infects winter barley, disseminated through contaminated soil. Chemical control is not possible, therefore it is important to grow resistant cultivars in contaminated fields. The gene rym4 is efficient and is widely deployed in European winter barley cultivars and most varieties on the RL. This gives resistance to BaYMV1.

A second strain of the virus is overcoming the rym4 resistance in France and Germany and now the UK.

Varieties with the rym5 gene are resistant to this strain.

Effects of BaYMV

- Yield loss – up to 40% reported
- Higher screenings
- Lower specific weight
- Lower protein content
- Lower extract if a malting type.

Why grow Kitty?

- Rym5 resistance – Protection from both BaYMV strains 1 and 2
- We have three of the only RL strain 1 and 2 resistant varieties – Kitty, Valerie and Darcie
- Kitty offers greater protection to BaYMV, with the benefit of a superb specific weight, very high yields, good agronomics and disease resistance.

Kitty
WINTER BARLEY

AHDB RECOMMENDED

THE WINTER BARLEY THAT'S EARNED ITS STRIPES

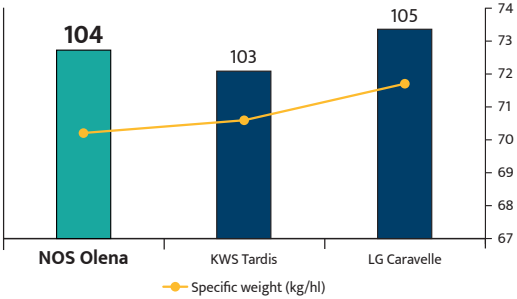
nos Olena WINTER BARLEY

AHDB RECOMMENDED

NOS Olena is a high yielding two-row feed variety, combining an excellent performance in all regions with a strong agronomic package and very good grain quality.

With a combination of good lodging resistance coupled with low brackling, good disease resistance and relatively early maturity, NOS Olena is an excellent all-rounder.

UK TREATED YIELD	as % C, 9.8 t/ha



REGIONAL YIELDS	East (9.5 t/ha)	West (9.6 t/ha)	North (10.8 t/ha)
NOS Olena	**105**	**[103]**	**106**
KWS Tardis	103	101	103
LG Caravelle	107	105	103

SOIL TYPE	Light (10.2 t/ha)	Heavy (8.9 t/ha)
NOS Olena	**106**	**106**
KWS Tardis	103	105
LG Caravelle	104	107

AHDB Winter Barley Recommended List 2026/27

GRAIN QUALITY	
Specific weight (kg/hl)	70.2
Screenings % (<2.25mm)	2.0
Screenings % (<2.5mm)	5.9

AGRONOMICS	
Resistance to lodging (-PGR)	[7]
Resistance to lodging (+PGR)	8
Straw height (cm) -PGR	95
Straw height (cm) +PGR	87
Brackling %	7
Ripening (days ± LG Caravelle)	+1

DISEASE RESISTANCE	
Mildew	6
Brown rust	6
Rhynchosporium	6
Net Blotch	6
BaYMV1 and BaMMV	R

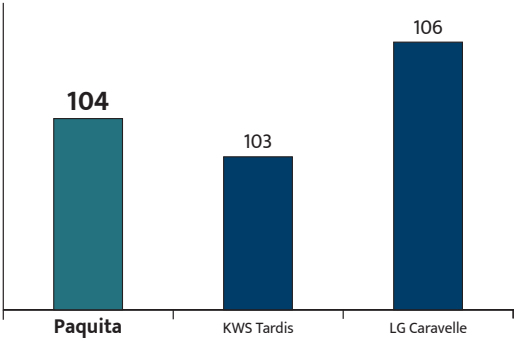
Paquita
WINTER BARLEY

AHDB CANDIDATE

Paquita is a new BYDV tolerant two-row winter barley candidate H2026.

It combines competitive two-row feed yields, with stiff straw and early ripening, good disease resistance and a high specific weight. Paquita importantly also has BYDV tolerance, offering growers the attributes of a top performing feed barley with the added security of protection from BYDV, reducing costs and risks.

UK TREATED YIELD	as % C, 9.9 t/ha



REGIONAL YIELDS	East (9.6 t/ha)	West (10.0 t/ha)	North (10.3 t/ha)
Paquita	**[106]**	**[102]**	**[103]**
KWS Tardis	103	101	103
LG Caravelle	107	105	103

ANNUAL YIELDS	2024 (% T C, 9.7 t/ha)	2025 (% T C, 10.1 t/ha)
Paquita	**106**	**103**
KWS Tardis	103	102
LG Caravelle	105	105

AHDB Winter Barley Candidates 2026

GRAIN QUALITY	
Specific weight (kg/hl)	70.0

AGRONOMICS	
Lodging – treated %	[1]
Lodging – untreated %	–
Straw length (cm) treated %	[92]
Straw length (cm) untreated %	[87]
Brackling %	3
Ripening (days ± LG Caravelle)	-1

DISEASE RESISTANCE	
Mildew	7
Brown rust	7
Rhynchosporium	6
Net Blotch	5
BaYMV1 and BaMMV	R
BYDV Tolerance	R

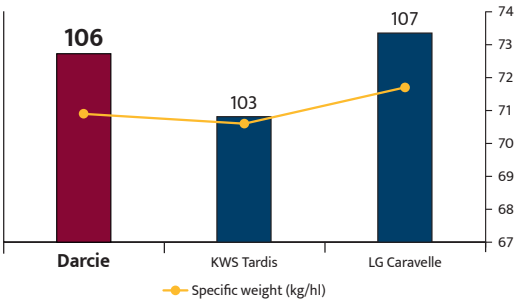
Darcie WINTER BARLEY

AHDB RECOMMENDED

Darcie is an exciting new addition to the AHDB RL 2026/27 for the East and Senova's expanding winter barley portfolio.

It offers very high yields, particularly in the East and North. Like its stablemate Kitty, Darcie offers a fantastic package to growers – high performance, an excellent agronomic package, a superb specific weight and low screenings. It combines this with excellent disease resistance and once again resistance to both BaYMV1 and 2, an increasing issue, particularly in the East where Darcie excels.

TREATED YIELD – EAST	as % C, 9.5 t/ha



REGIONAL YIELDS	UK (9.8 t/ha)	West (9.6 t/ha)	North (10.8 t/ha)
Darcie	**104**	**[101]**	**104**
KWS Tardis	103	101	103
LG Caravelle	105	105	103

SOIL TYPE	Light (10.2 t/ha)	Heavy (8.9 t/ha)
Darcie	**103**	**105**
KWS Tardis	103	105
LG Caravelle	104	107

AHDB Winter Barley Recommended List 2026/27

GRAIN QUALITY	
Specific weight (kg/hl)	70.9
Screenings % (<2.25mm)	1.7
Screenings % (<2.5mm)	4.7

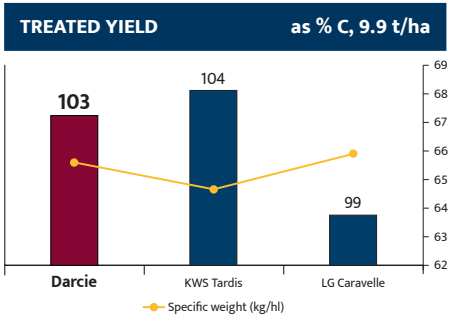
AGRONOMICS	
Resistance to lodging (-PGR)	–
Resistance to lodging (+PGR)	7
Straw height (cm) -PGR	94
Straw height (cm) +PGR	88
Brackling %	10
Ripening (days ± LG Caravelle)	+1

DISEASE RESISTANCE	
Mildew	6
Brown rust	5
Rhynchosporium	7
Net Blotch	6
BaYMV1 and BaMMV	R
BYDV Tolerance	R

ANNUAL YIELDS	2023 (10.0 t/ha)	2024 (9.9 t/ha)	2025 (10.0 t/ha)
Darcie	**104**	**103**	**103**
KWS Tardis	103	103	102
LG Caravelle	105	105	105

AHDB Winter Barley Recommended List 2026/27

Senova Trials H2024 and H2025 (five sites)



BaYMV

BaYMV is a soil borne virus which infects winter barley, disseminated through contaminated soil. Chemical control is not possible, therefore it is important to grow resistant cultivars in contaminated fields. The gene rym4 is efficient and is widely deployed in European winter barley cultivars and most varieties on the RL. This gives resistance to BaYMV1.

A second strain of the virus is overcoming the rym4 resistance in France and Germany and now the UK.

Varieties with the rym5 gene are resistant to this strain.

Effects of BaYMV

- Yield loss – up to 40% reported
- Higher screenings
- Lower specific weight
- Lower protein content
- Lower extract if a malting type.

Why grow Darcie?

- Rym5 resistance – Protection from both BaYMV strains 1 and 2
- We have three of the only RL strain 1 and 2 resistant varieties – Valerie, Kitty and now Darcie
- Darcie offers greater protection to BaYMV, with the benefit of a superb specific weight, very high yields, good agronomics and disease resistance.

Nolan SPRING BARLEY

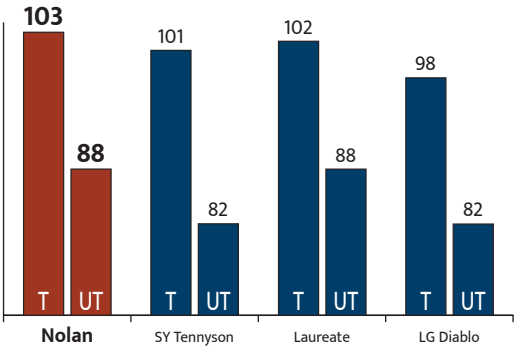
AHDB RECOMMENDED

Nolan is a new high quality variety added to the AHDB Recommended List with potential for both the brewing and malt distilling markets.

Nolan produces high yields, combined with excellent disease resistance, particularly to mildew and net blotch, two of the most damaging spring barley diseases. It has stiff straw, good resistance to brackling and early ripening. Nolan is provisionally approved by the MBC.

UK TREATED/UNTREATED YIELDS

as % C, 7.8 t/ha



REGIONAL YIELDS	East (7.9 t/ha)	West (7.4 t/ha)	North (8.0 t/ha)
Nolan	**101**	**[104]**	**102**
Skyway	102	102	101
Laureate	101	104	102
LG Diablo	98	97	99

ANNUAL YIELDS	2023 (7.6 t/ha)	2024 (8.0 t/ha)	2025 (7.5 t/ha)
Nolan	**101**	**104**	**102**
Skyway	101	101	103
Laureate	102	103	103
LG Diablo	99	99	94

GRAIN QUALITY	
Specific weight (kg/hl)	67.9
Screenings % (<2.25mm)	1.1
Screenings % (<2.5mm)	2.8

AGRONOMICS	
Resistance to lodging -PGR (1-9)	[6]
Straw length (cm) (UT)	69
Ripening (days ± RGT Planet)	+1
Resistance to brackling (1-9)	7

DISEASE RESISTANCE	
Mildew	9
Brown rust	4
Rhynchosporium	5
Net blotch	[8]

AHDB Spring Barley Recommended List 2026

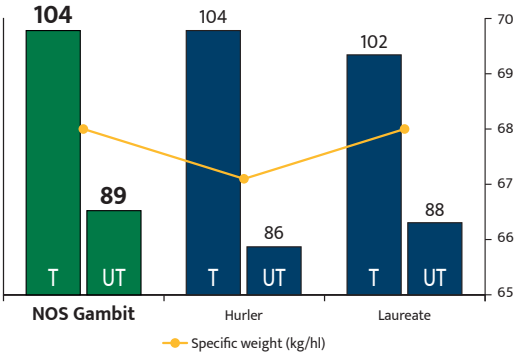
nos Gambit SPRING BARLEY

AHDB RECOMMENDED

NOS Gambit is a high yielding feed spring barley on the new AHDB RL 2026.

NOS Gambit produces very high yields in all regions of the UK. It has stiff straw with excellent brackling resistance and is relatively early to ripen. NOS Gambit combines this with good all round disease resistance. With excellent grain quality – a high specific weight and exceptionally low screenings, NOS Gambit is a popular feed choice.

UK TREATED/UNTREATED YIELDS	as % C, 7.8 t/ha



REGIONAL YIELDS	East (7.9 t/ha)	West (7.4 t/ha)	North (8.0 t/ha)
NOS Gambit	**104**	**105**	**103**
Hurler	104	105	104
Laureate	101	104	102

ANNUAL YIELDS	2023 (7.6 t/ha)	2024 (8.0 t/ha)	2025 (7.5 t/ha)
NOS Gambit	**104**	**104**	**105**
Hurler	103	105	105
Laureate	102	103	103

GRAIN QUALITY	
Specific weight (kg/hl)	68.0
Screenings % (<2.25mm)	0.9
Screenings % (<2.5mm)	2.1

AGRONOMICS	
Resistance to lodging (T)	7
Straw height (cm)	68
Ripening (days ± RGT Planet)	+1
Resistance to brackling (1-9)	7

DISEASE RESISTANCE	
Mildew	8
Brown rust	5
Rhynchosporium	6
Net blotch	8

AHDB Spring Barley Recommended List 2026

oats

Market size

Oats are the UK's third largest cereal, feeding a growing demand from established and innovative markets. As an important break crop they are often grown in the second cereal slot, offering growers numerous benefits.

The UK grows approximately 200,000 ha of oats each year currently split in favour of spring.

Senova are the oat specialists and have marketed leading winter and spring oats for over 35 years. Oats emerging from the successful IBERS programme at Aberystwyth University, part funded by Senova, deliver high yields, excellent milling quality, dense grains packed with energy and ease of harvest.

Market options

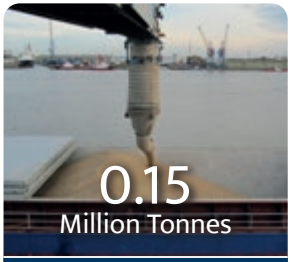
Producing circa 1 million tonnes a year the majority of the UK's production is used for domestic human consumption.



MILLING



ANIMAL FEED



EXPORT



ROLLED & FLAKED



OAT DRINK

Market requirements

Grain quality measure	Winter	Spring
Minimum specific weight (kg/hl)	51 - 52	50 - 51
Maximum moisture content (%)	15	15
Maximum admix (%)	2	2
Discoloured groats per 100g	30	30
Hulling losses (max %)	25 - 28	25 - 30
Screenings < 2mm (max %)	6	6 - 7

In the human food sector there is a continued resurgence of interest in the health benefits of oats as an ever-increasing number of products come to market.

Naked oats, or huskless oats are a premium crop where their high nutrient dense grain is of interest to compounders as well as on-farm feed business particularly poultry. The crop brings many of the benefits associated with husked oats but with the advantage that they have a higher premium contract attached.

Why grow Oats?

- Profitable, versatile, sustainable, crop offering scope to reduce environmental impact and input costs.
- Have a place in wider, more diverse rotations acting as a true break for soil-borne diseases such as take-all.
- Excellent nitrogen use efficiency making best use.
- Premium markets with added value contracts available for both husked and naked oats.
- Useful for ruminant and monogastric rations – high oil, high protein, low lignin types e.g. Galloway.



Cromwell
WINTER OAT

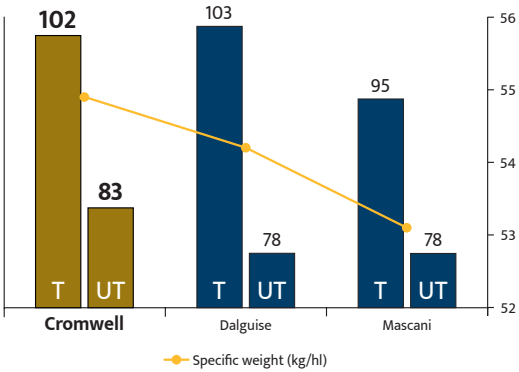
AHDB RECOMMENDED

- **High yielding milling oat**
- **Excellent grain quality**
- **Stiff straw**

Cromwell is a high performing winter husked oat with great potential for the milling markets. It is a Mascani cross but produces significantly higher yields.

Cromwell combines all of the attributes desired by the millers – high yields, excellent kernel content and specific weight, high hullability and acceptable screening losses. With the added benefit of short, exceptionally stiff straw, Cromwell is increasingly used in the mills and feedback continues to be incredibly positive.

UK TREATED/UNTREATED YIELDS as % C, 9.12 t/ha



ANNUAL YIELDS	2023 (9.2 t/ha)	2024 (9.3 t/ha)	2025 (8.7 t/ha)
Cromwell	**105**	**103**	**101**
Mascani	94	93	95
Dalguise	101	103	105

GRAIN QUALITY	
Kernel content (%)	74.9
Specific weight (kg/hl)	54.9
Screenings % (<2.0mm)	6.1
Kernel colour	white

AGRONOMICS	
Resistance to lodging (1-9)	9
Straw length without PGR (cm)	110
Ripening (days ± Mascani)	+1

DISEASE RESISTANCE	
Mildew	3
Crown rust	4

AHDB Winter Oat Recommended List 2026/27

Rannoch
WINTER OAT

AHDB RECOMMENDED

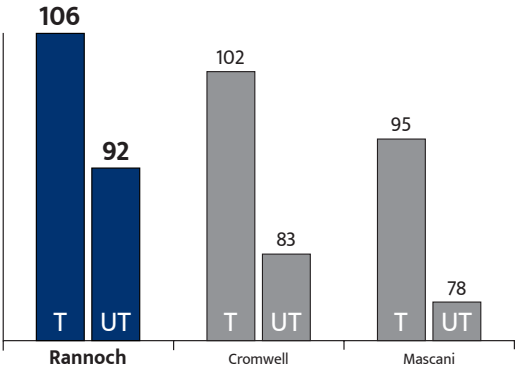
- **High yielding milling oat**
- **Very good grain quality**
- **Excellent crown rust resistance**

Rannoch is an exciting new milling oat, added to the AHDB RL 2026/27.

It has stiff straw and is early to ripen.

Rannoch has excellent grain quality for the mills with a high kernel content, good specific weight and the desired low screenings. It is a variety with a lot of potential and there is already market interest.

UK TREATED/UNTREATED YIELDS as % C, 9.12 t/ha



ANNUAL YIELDS	2023 (9.2 t/ha)	2024 (9.3 t/ha)	2025 (8.7 t/ha)
Rannoch	**[104]**	**104**	**110**
Mascani	94	93	95
Cromwell	105	103	101

GRAIN QUALITY	
Kernel content (%)	74.5
Specific weight (kg/hl)	51.7
Screenings % (<2.0mm)	3.3
Kernel colour	yellow

AGRONOMICS	
Resistance to lodging (1-9)	–
Straw length without PGR (cm)	136
Ripening (days ± Mascani)	0

DISEASE RESISTANCE	
Mildew	4
Crown rust	7

AHDB Winter Oat Recommended List 2026/27

Maunsell WINTER OAT

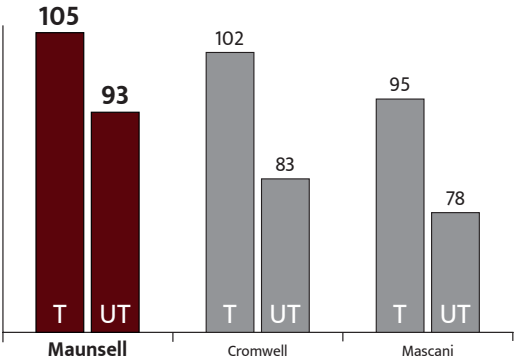
AHDB CANDIDATE

- Very high kernel content
- Excellent crown rust resistance
- Very early to ripen

Maunsell is a very promising new RL Candidate for 2026.

Maunsell combines very high yields with a superb kernel content. With the added benefit of excellent resistance to crown rust, taller, stiff straw and very early ripening, Maunsell is a very exciting Candidate for 2026.

UK TREATED/UNTREATED YIELDS as % C, 9.12 t/ha



ANNUAL YIELDS	2023 (9.2 t/ha)	2024 (9.3 t/ha)	2025 (8.7 t/ha)
Maunsell	**[106]**	**[100]**	**107**
Mascani	94	93	95
Cromwell	105	103	101

GRAIN QUALITY	
Kernel content (%)	76.2
Specific weight (kg/hl)	50.7
Screenings % (<2.0mm)	5.1
Kernel colour	white

AGRONOMICS	
Lodging (%)	–
Straw length without PGR (cm)	[138]
Ripening (days ± Mascani)	-3

DISEASE RESISTANCE	
Mildew	4
Crown rust	8

AHDB Winter Oat Candidates 2026

Mascani
WINTER OAT

AHDB RECOMMENDED

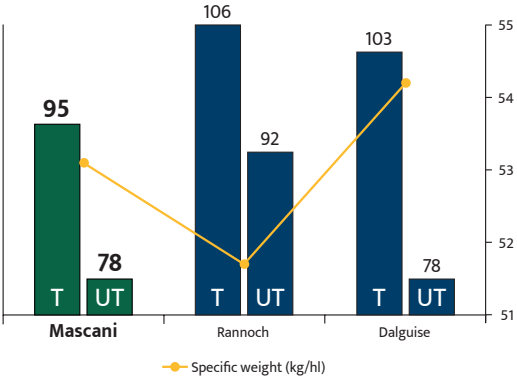
- High quality milling variety
- Superb grain quality
- Large grains

Mascani is an established variety and the most widely grown winter oat in the UK. It remains popular with millers.

It is a stiff strawed variety with excellent resistance to mildew and good resistance to crown rust.

With its exceptionally high kernel content, excellent specific weight, large grains and low screening losses, Mascani remains the leading top quality milling variety.

UK TREATED YIELD as % C, 9.12 t/ha



ANNUAL YIELDS	2023 (9.2 t/ha)	2024 (9.3 t/ha)	2025 (8.7 t/ha)
Mascani	**94**	**93**	**95**
Rannoch	[104]	104	110
Dalguise	101	103	105

GRAIN QUALITY	
Kernel content (%)	74.8
Specific weight (kg/hl)	53.1
Screenings % (<2.0mm)	2.9
Kernel colour	yellow

AGRONOMICS	
Resistance to lodging (1-9)	7
Straw length without PGR (cm)	133
Ripening (days ± Mascani)	0

DISEASE RESISTANCE	
Mildew	6
Crown rust	5

AHDB Winter Oat Recommended List 2026/27

triticale

Market size

The UK market remained unchanged at 17,000 ha for many years, but with increased interest in the crop the area has now increased to around 27,000 ha.

In the UK triticale was historically viewed as a crop for poor or marginal soils, however that is not the case! With an increased emphasis on sustainability and emerging new markets, this versatile crop is now an attractive, viable option for growers. Triticale can be a profitable crop, particularly as a second cereal, where it can outperform wheat and provides up to 30% more straw, which can be a valuable extra income.

Market options



ANIMAL FEED



ANAEROBIC DIGESTION



WHOLE CROP SILAGE



BIOETHANOL



THATCHING

Triticale offers opportunities in a diverse range of market sectors.

- Animal feed – a useful addition to non-ruminant and ruminant feed rations, especially pigs due to its high lysine content and digestible energy similar to wheat.
- Anaerobic digestion (AD) – an excellent alternative feedstock. Triticale has high biomass production, is earlier to mature and has lower seed costs than rye.
- Bioethanol production – triticale can produce high ethanol yields providing potential opportunities in the bioethanol or distilling markets.
- Wholecrop for silage – yield improvements have been demonstrated when triticale is grown in a silage mix.
- Thatching – traditional use.

Why grow Triticale?

- Versatile sowing date and location – performing particularly well on both light and heavy land.
- Can outyield wheat as a second cereal with lower management demand meaning less inputs leading to cost savings.
- Fewer pest and disease issues than wheat most notably less susceptible to take all.
- High biomass production which has been seen to be competitive against black-grass.
- Excellent winter hardiness with some varieties being viewed as alternative winter/spring types such as Bicross.



WINTER TRITICALE

Lumaco

AHDB DESCRIBED

- Highest yielding DL variety
- Superb yellow rust resistance
- Early to ripen
- Excellent specific weight

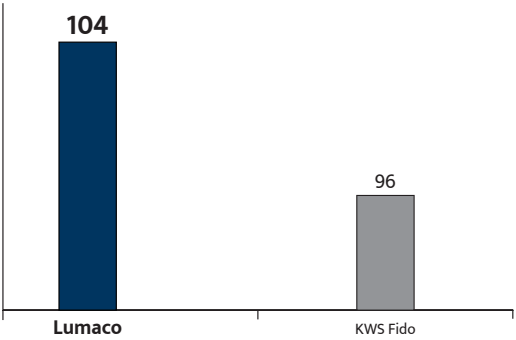
Lumaco is once again the highest yielding triticale variety on the AHDB DL. It combines this superb performance with stiff straw, early ripening and a very high specific weight. Lumaco has a 9 rating for yellow rust resistance and is the market leader going forward.

The performance of triticale in a second cereal situation has for many years been underestimated. Interest is now increasing on farm in this flexible, high yielding crop. Second cereal yields on farm can compare favourably with other crops, including wheat.

A principle market for triticale is for grain and for on farm feeding. There is an expanding market in anaerobic digestion, where triticale's low costs, ease of management and dry matter yields are attractive. Senova's leading varieties are proving popular for AD plants.

Triticale is also well suited for bioethanol production, with its inherently high fermentable carbohydrates and soluble proteins. In addition, triticale is very productive in NVZs and under lower input systems.

UK TREATED YIELD — as % C, 10.4 t/ha



GRAIN QUALITY	
Specific weight (kg/hl)	73.0
Protein content %	10.1

AGRONOMICS	
Lodging %	–
Straw length (cm)	119
Ripening (days ± KWS Fido)	0

DISEASE RESISTANCE	
Yellow rust	9

AHDB Winter Triticale Descriptive List 2026/27

WINTER TRITICALE

Bicross

AHDB DESCRIBED

- **Alternative type**
- **Excellent yellow rust resistance**
- **High specific weight**

Bicross is a new addition to the AHDB DL 2026/27.

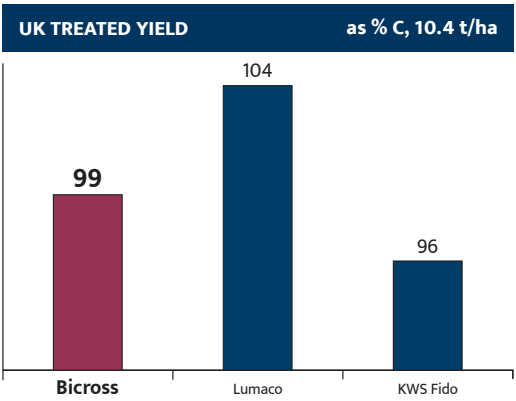
It is an alternative type of triticale similar to farm favourite KWS Fido, moving away quickly in the spring. It is possible to sow Bicross from autumn through to early spring.

Bicross has the benefits of a 9 rating for yellow rust, is early to ripen and has a high specific weight and complements our other leading variety Lumaco well.

The performance of triticale in a second cereal situation has for many years been underestimated. Interest is now increasing on farm in this flexible, high yielding crop. Second cereal yields on farm can compare favourably with other crops, including wheat.

A principle market for triticale is for grain and for on farm feeding. There is an expanding market in anaerobic digestion, where triticale's low costs, ease of management and dry matter yields are attractive. Senova's leading varieties are proving popular for AD plants.

Triticale is also well suited for bioethanol production, with its inherently high fermentable carbohydrates and soluble proteins. In addition, triticale is very productive in NVZs and under lower input systems.



GRAIN QUALITY	
Specific weight (kg/hl)	74.1
Protein content %	10.4

AGRONOMICS	
Lodging %	–
Straw length (cm)	123
Ripening (days ± KWS Fido)	[-1]

DISEASE RESISTANCE	
Yellow rust	9

AHDB Winter Triticale Descriptive List 2026/27

SPRING TRITICALE

Narval

- High yielding spring triticale
- High specific weight
- Good disease resistance

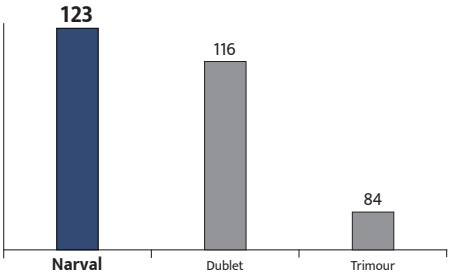
Narval is a new spring triticale variety from the same stable as Dublet.

It brings higher yields combined with a higher specific weight and short, stiff straw. Narval's performance and grain quality should make it a popular spring choice.

A principle market for triticale is for grain and for on farm feeding. There is an expanding market in anaerobic digestion, where triticale's low costs, ease of management and dry matter yields are attractive. Triticale is also well suited for bioethanol production, with its inherently high fermentable carbohydrates and soluble proteins. In addition, triticale is very productive in NVZs and under lower input systems.

Official trials data

TREATED YIELD (2022-2023)	as % C, 6.09 t/ha



STRAW LENGTH (cm)	
Narval	**81**
Dublet	87
Trimour	75

RIPENING DATE (days)	2022
Narval	**151**
Dublet	151
Trimour	149

Official VCU trials 2022 and 2023

Senova private trials data

TREATED YIELD (2024-2025)	as % C, 6.79 t/ha
Narval	**102**
Dublet	100

SPECIFIC WEIGHT (treated trial)	
Narval	**72.4**
Dublet	71.0

	STRAW LENGTH (cm)	MATURITY (9 = early)
Narval	**79**	**6**
Dublet	81	6

DISEASE RESISTANCE

No disease ratings are available from official trials. Narval has excellent resistance to mildew and good resistance to yellow and brown rust, similar to Dublet.

Senova private trials 2024-2025

Dublet

SPRING TRITICALE

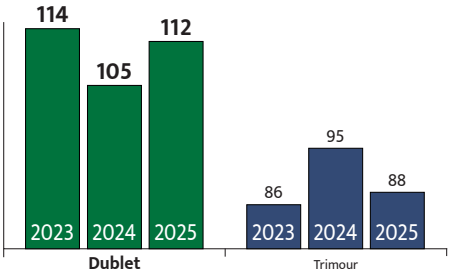
- Popular spring triticale
- High specific weight
- Good disease resistance

Dublet is a consistent, high yielding spring triticale and has been a favourite on farm for several years, due to its excellent performance, good disease resistance and high specific weight.

A principle market for triticale is for grain and for on farm feeding.
There is an expanding market in anaerobic digestion, where triticale's low costs, ease of management and dry matter yields are attractive. Triticale is also well suited for bioethanol production, with its inherently high fermentable carbohydrates and soluble proteins. In addition, triticale is very productive in NVZs and under lower input systems.

Official trials data

TREATED YIELD (2023-2025)	as % C, 2023: 6.43 t/ha, 2024: 7.87 t/ha, 2025: 5.77 t/ha



STRAW LENGTH (cm)	
Dublet	**87**
Trimour	80

RIPENING DATE (days)	2024	2025
Dublet	**154**	**161**
Trimour	157	159

VL Trials 2024 and 2025

Senova private trials data

TREATED YIELD (2025)	as % C, 5.84 t/ha
Dublet	**100**

SPECIFIC WEIGHT (treated trial)	
Dublet	**69.7**

DISEASE RESISTANCE

Dublet has moderate resistance to yellow rust and good mildew resistance.

Senova private trials 2024-2025

WINTER HYBRID RYE

Astranos

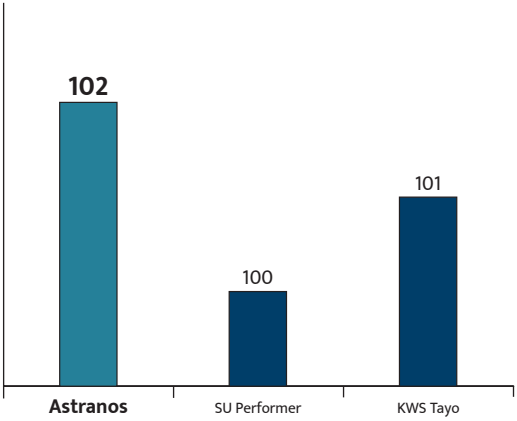
AHDB DESCRIBED

- **High yielding variety**
- **Stiff straw**
- **Excellent specific weight**

Astranos is a high yielding, stiff strawed hybrid rye.

It has an excellent agronomic package, showing good resistance to lodging and early ripening similar to most varieties. Astranos has a high specific weight. It is the first hybrid rye from Senova and is a dual purpose variety, offering potential for use in both the grain and wholecrop markets.

UK TREATED YIELD — **as % C, 10.3 t/ha**



GRAIN QUALITY	
Specific weight (kg/hl)	76.6
Hagberg Falling Number	184
Protein content %	9.0

AGRONOMICS	
Resistance to lodging (1-9)	[4]
Straw length (cm)	134
Ripening (days ± SU Performer)	0

DISEASE RESISTANCE	
Brown rust	4

AHDB Winter Rye Descriptive List 2026/27

beans

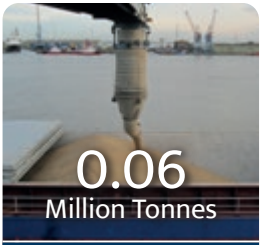
Market size

The UK bean area currently sits around 140,000 ha and is split in favour of springs at approximately 80,000 ha yet in the past has been much higher. The higher value market for winter beans is for human consumption, and the export market was around 600,000 tonnes per year, although this has dropped in recent years. North Africa has been a strong importer of beans from the UK, but much of their demand is satisfied from global sources with the volume fluctuating each season depending on price and quality. Other suppliers include the Baltics and Australia.

Market options



DOMESTIC FEED



EXPORT

Market requirements

General contract requirement for beans are based on size, and appearance.

Export/premium markets	Winter and Spring
Maximum moisture content (%)	16%
Bruchid free	Yes
Seed size	Large, even sized
Hilum colour	Pale
Appearance	Pale, smooth skin, no cracking – whole beans Pale, smooth, even sized large seed, thin skin – split beans
Feed	
Maximum moisture content (%)	16%
Maximum admix (%)	2%
Hilum colour	Not important

Why grow Beans?

- Help spread farm workload with low management demand and timely harvest.
- Flexible sowing window for an autumn break crop, beans have robust early growth to suit all situations.
- The deep rooting system of beans helps to break down more difficult soil structures where other crops cannot.
- Management and input costs for winter beans are lower and excellent market options are available and expanding as an excellent source of home-grown protein.
- Beans are legumes and contribute a valuable residual nitrogen benefit to the following crop in the rotation.

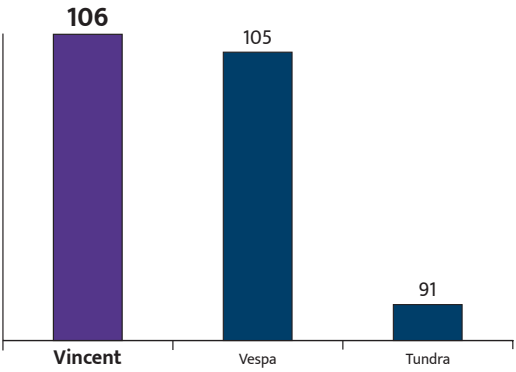
Vincent
WINTER BEAN

- **Highest yield on DL**
- **Exceptional seed size**
- **Very good standing ability**

Vincent is a high yielding, large seeded variety with a very high protein content.

It is the highest yielding variety on the PGRO DL with the added benefits of excellent downy mildew and chocolate spot resistance and exceptionally large seed size. Vincent's superb attributes should ensure its popularity for UK feed and export markets.

UK TREATED YIELD	as % C, 4.32 t/ha



ANNUAL YIELDS	
2021 (5.34 t/ha)	103
2022 (4.72 t/ha)	107
2023 (3.33 t/ha)	103
2024 (4.54 t/ha)	109
2025 (3.32 t/ha)	112

AGRONOMICS	
Flower colour	C
Earliness of maturity (1-9)	5
Straw length (cm)	114
Standing ability at harvest (1-9)	8

DISEASE RESISTANCE	
Downy mildew (1-9)	7
Rust (1-9)	4
Chocolate spot (1-9)	6

QUALITY	
1000 seed weight (g)	795
Protein content (% dry)	26.5

PGRO Descriptive List 2026

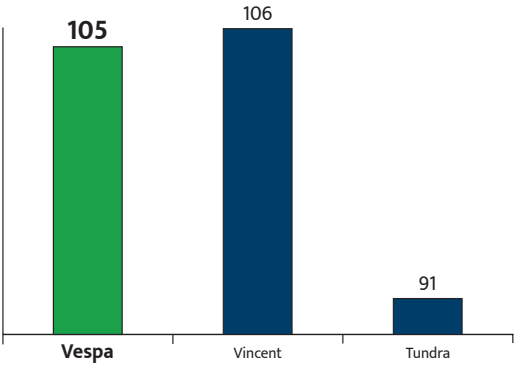
VESPA
Winter Bean

- **Market leader**
- **Very high yields**
- **Large seed size and pale hilum**
- **Short, stiff straw**

Vespa remains the market leading winter bean variety and is one of the highest yielding varieties on the DL.

It has short straw with good standing ability, a large seed size and excellent resistance to diseases. Vespa is firmly established as the market leader with over 90% of the winter bean market and is well accepted for the feed and export market.

UK TREATED YIELD	as % C, 4.32 t/ha



ANNUAL YIELDS	
2021 (5.34 t/ha)	113
2022 (4.72 t/ha)	106
2023 (3.33 t/ha)	92
2024 (4.54 t/ha)	103
2025 (3.32 t/ha)	101

AGRONOMICS	
Flower colour	C
Earliness of maturity (1-9)	5
Straw length (cm)	114
Standing ability at harvest (1-9)	8

DISEASE RESISTANCE	
Downy mildew (1-9)	5
Rust (1-9)	5
Chocolate spot (1-9)	7

QUALITY	
1000 seed weight (g)	689
Protein content (% dry)	25.4

PGRO Descriptive List 2026

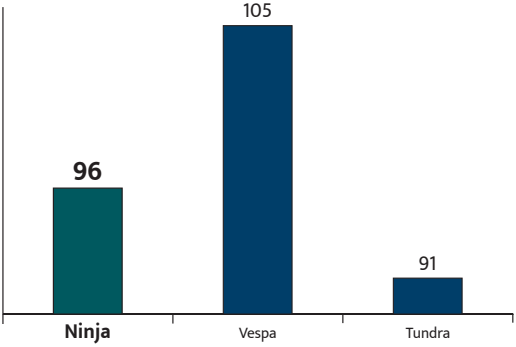
Ninja WINTER BEAN

- Very early to ripen
- Short, very stiff variety
- Highest protein content on DL

Ninja is a short, stiff, variety with the earliest maturity and joint highest protein content on the PGRO DL 2026.

Ninja produces good yields from mixed trial data, but we believe its yield potential is higher. It has excellent standing ability and one of the earliest maturity on the PGRO DL. Ninja is a strong choice for higher fertility, wetter areas of the UK. It has the highest protein content on the DL and large seed and should prove popular for all markets.

UK TREATED YIELD as % C, 4.32 t/ha



ANNUAL YIELDS

2021 (5.34 t/ha)	90
2022 (4.72 t/ha)	–
2023 (3.33 t/ha)	102
2024 (4.54 t/ha)	100
2025 (3.32 t/ha)	93

AGRONOMICS

Flower colour	C
Earliness of maturity (1-9)	7
Straw length (cm)	105
Standing ability at harvest (1-9)	8

DISEASE RESISTANCE

Downy mildew (1-9)	5
Rust (1-9)	5
Chocolate spot (1-9)	5

QUALITY

1000 seed weight (g)	684
Protein content (% dry)	27.2

PGRO Descriptive List 2026

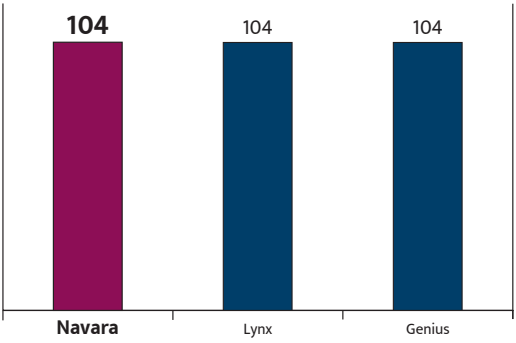
SPRING BEAN Navara

- Very high and consistent yields
- Good standing ability
- Excellent disease resistance

Navara is a high performing spring bean variety with superb disease resistance.

It has an attractive package of high consistent yields year on year, solid agronomics, pale hilum and the good seed size desired by the markets. With excellent standing ability and good resistance to both downy mildew and rust, Navara is a superb choice for feed and export markets.

UK TREATED YIELD	as % C, 4.21 t/ha



ANNUAL YIELDS	
2021 (5.40 t/ha)	105
2022 (3.85 t/ha)	106
2023 (3.70 t/ha)	101
2024 (4.69 t/ha)	104
2025 (3.51 t/ha)	104

AGRONOMICS	
Flower colour	C
Earliness of maturity (1-9)	5
Straw length (cm)	104
Standing ability at harvest (1-9)	8

DISEASE RESISTANCE	
Downy mildew (1-9)	5
Rust (1-9)	6

QUALITY	
1000 seed weight (g)	551
Protein content (% dry)	26.7

PGRO Descriptive List 2026

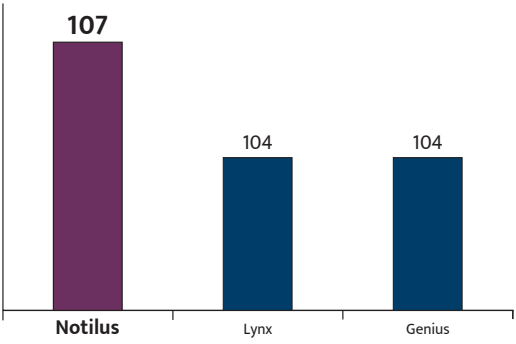
Notilus
SPRING BEAN

- **Top yield on the DL**
- **Large seed size**
- **High protein content**

Notilus is the highest yielding variety on the PGRO DL 2026.

Notilus combines an excellent performance with good agronomics and market acceptibility. With superb, consistent yields, excellent standing ability, very good rust resistance, good seed size and a high protein content, Notilus will be a variety in demand.

UK TREATED YIELD	as % C, 4.21 t/ha



ANNUAL YIELDS	
2021 (5.40 t/ha)	–
2022 (3.85 t/ha)	108
2023 (3.70 t/ha)	105
2024 (4.69 t/ha)	107
2025 (3.51 t/ha)	105

AGRONOMICS	
Flower colour	C
Earliness of maturity (1-9)	5
Straw length (cm)	101
Standing ability at harvest (1-9)	8

DISEASE RESISTANCE	
Downy mildew (1-9)	3
Rust (1-9)	5

QUALITY	
1000 seed weight (g)	574
Protein content (% dry)	27.2

PGRO Descriptive List 2026

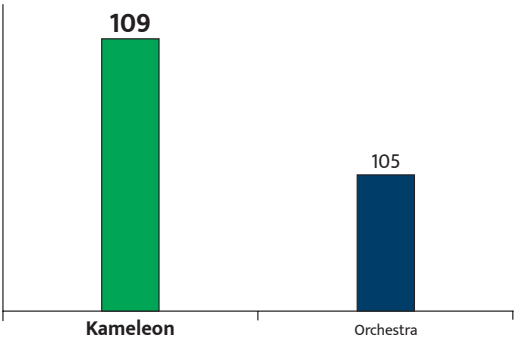
Kameleon FIELD PEA

- High yielding yellow pea
- Early to ripen
- Good standing ability

Kameleon remains a popular variety on farm, producing high yields.

It is a yellow pea with good standing ability, early maturity and large, bold grains. It is suitable for use in animal feed and for human consumption for split peas.

UK TREATED YIELD	as % C, 3.81 t/ha



ANNUAL YIELDS	
2021 (4.37 t/ha)	101
2022 (3.78 t/ha)	109
2023 (3.03 t/ha)	107
2024 (4.02 t/ha)	115
2025 (3.86 t/ha)	111

AGRONOMICS	
Earliness of maturity (1-9)	6
Straw length (cm)	76
Standing ability at harvest (1-9)	7

DISEASE RESISTANCE	
Pea wilt (Race 1)	R
Downy mildew (1-9)	5
Powdery mildew	[S]

QUALITY	
1000 seed weight (g)	311
Protein content (% dry)	21.8

PGRO Descriptive List 2026

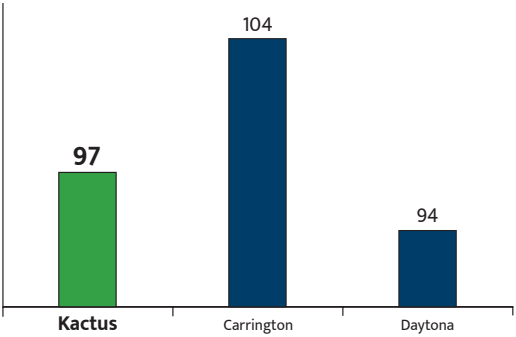
Kactus FIELD PEA

- Eastablished green pea
- Excellent standing ability
- Superb downy mildew resistance

Kactus is popular green pea, established in the market.

It has excellent downy mildew resistance and good standing ability and remains a solid choice on farm.

UK TREATED YIELD	as % C, 3.81 t/ha



ANNUAL YIELDS	
2021 (4.37 t/ha)	95
2022 (3.78 t/ha)	93
2023 (3.03 t/ha)	97
2024 (4.02 t/ha)	98
2025 (3.86 t/ha)	101

AGRONOMICS	
Earliness of maturity (1-9)	5
Straw length (cm)	76
Standing ability at harvest (1-9)	7

DISEASE RESISTANCE	
Pea wilt (Race 1)	R
Downy mildew (1-9)	7
Powdery mildew	[S]

QUALITY	
1000 seed weight (g)	292
Protein content (% dry)	22.4

PGRO Descriptive List 2026

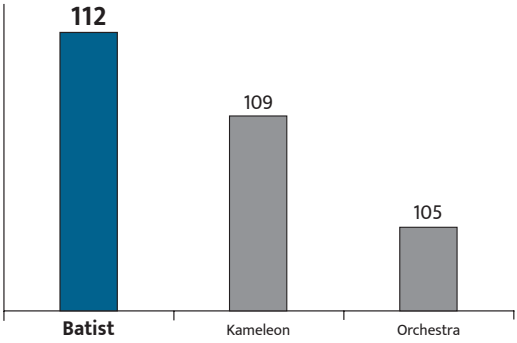
Batist FIELD PEA

- Very high, consistent yields
- Early to ripen
- Good standing ability

Batist is a very consistent high yielding, large seeded yellow pea with excellent standing ability.

It has the added benefits of stiff straw, early maturity and has good resistance to downy mildew. With a large seed size and good protein content, Batist is suitable for animal feed and human consumption and is in demand. Batist has performed incredibly consistently over all trial years.

UK TREATED YIELD — as % C, 3.81 t/ha



ANNUAL YIELDS	
2021 (4.37 t/ha)	110
2022 (3.78 t/ha)	114
2023 (3.03 t/ha)	112
2024 (4.02 t/ha)	112
2025 (3.86 t/ha)	110

AGRONOMICS	
Earliness of maturity (1-9)	6
Straw length (cm)	86
Standing ability at harvest (1-9)	7

DISEASE RESISTANCE	
Pea wilt (Race 1)	R
Downy mildew (1-9)	6
Powdery mildew	[S]

QUALITY	
1000 seed weight (g)	309
Protein content (% dry)	21.7

PGRO Descriptive List 2026

ABACUS

SPRING LINSEED

AHDB DESCRIBED

Abacus spring linseed combines early maturity with good on farm seed yields.

The basis for its yield comes from an intense and prolonged flowering period. Abacus shows excellent resistance to the onset of powdery mildew and is suitable for all areas and conditions. The vigorous lateral branching of Abacus interlocks to provide a self-supporting canopy, with good standing power and even maturity to facilitate combining.

Abacus is a medium height, white flowered variety, which produces medium-small brown seeds.

SEED YIELD	
UK Untreated Yield (1.8 t/ha)	91

SEED QUALITY	
Oil content %	40.3

ANNUAL YIELDS	
2021 (2.1 t/ha)	[97]
2022 (2.0 t/ha)	[92]
2023 (1.7 t/ha)	[93]
2024 (2.1 t/ha)	[84]
2025 (1.3 t/ha)	[88]

AGRONOMICS	
Plant height (cm)	48
Earliness of flowering (1-9)	5
Earliness of maturity (1-9)	7

AHDB Spring Linseed Descriptive List 2026





Notes



Senova is a private, independent company with seed marketing and crop development at its core. We are proud of our innovative approach, market knowledge and understanding. The Senova team remains small and personal and is highly motivated with an enthusiasm to succeed.

As representatives for breeders, the Senova portfolio is diverse. We are eager to engage directly with our customers and stakeholders to form meaningful and sustainable relationships. Maintaining customer satisfaction and the pursuit of new market opportunities have been, and remain, key to our business.

SEED GROWERS WANTED

Our expanding portfolio means that we are always interested to hear from growers contemplating seed contracting of combinable crops.

senova

www.senova.uk.com

Tel 01223 890777 • info@senova.uk.com • @SenovaLtd

SCAN ME

Design and print: www.cambridgemarketing.co.uk