

# Barley and oats pocketbook 2019/20



CEREALS & OILSEEDS

Produced in  
partnership with:



British Society of  
Plant Breeders



Maltsters  
Association of Great  
Britain



National  
Association of British  
and Irish Millers

The AHDB Recommended Lists for cereals and oilseeds (RL) provides information on yield and quality performance, agronomic features and market options to assist with variety selection.

Available for wheat, barley and oats, and winter oilseed rape, the pocketbooks provide summary information\* on Recommended and Candidate varieties. With a variety per page, the format is particularly helpful for use at variety open events.

\*Information is extracted from the AHDB Recommended Lists for cereals and oilseeds 2019/20.

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Key

P1/P2	First/second year of recommendation
Sp	Specific recommendation
*	Variety no longer in trials
[ ]	Limited data

Winter and spring barley regions



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AHDB

RECOMMENDED

A two-row malting variety with potential for brewing

**P2 UK**

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
97	98	97	95	80
Quality				
Specific weight (kg/hl)			69.5	Good
Screenings % through 2.25 mm			2.4	
Screenings % through 2.5 mm			6.6	
Nitrogen (%)			1.66	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			93	Medium
Straw height with PGR (cm)			90	Medium
Ripening (days +/- KWS Orwell)			-1	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			6	Medium
Yellow rust			[8]	High
Brown rust			6	Medium
Rhynchosporium			6	Medium
Net blotch			5	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			96	
Heavy soils (% control)			98	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

This variety has provisional MBC approval for brewing but is still under test by MBC, so growers are advised to speak to merchants before committing to this or other varieties in this position.



A two-row malting variety with full  
MBC approval for brewing

UK

Syngenta UK Ltd

01223 883400

syngenta.co.uk

SY 208-56/SY Venture

Grain yield (as % control)				
UK	East	West	North	Untreated
97	97	96	97	77
Quality				
Specific weight (kg/hl)		69.3	Good	
Screenings % through 2.25 mm		2.1		
Screenings % through 2.5 mm		6.8		
Nitrogen (%)		1.63		
Agronomic features				
Lodging resistance (1–9)		8	High	
Straw height without PGR (cm)		90	Medium	
Straw height with PGR (cm)		88	Short	
Ripening (days +/- KWS Orwell)		0	Medium	
Winter hardiness (1–9)		-		
Disease resistance (1–9)				
Mildew		6	Medium	
Yellow rust		[8]	High	
Brown rust		6	Medium	
Rhynchosporium		6	Medium	
Net blotch		6	Medium	
BaYMV		R	Resistant	
Soil types				
Light soils (% control)		97		
Heavy soils (% control)		95		

Notes

R = Resistant to the common strains of barley mosaic viruses  
(BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

A two-row malting variety with full  
MBC approval for brewing

UK

Syngenta UK Ltd

01223 883400

syngenta.co.uk

DH9525-42 x Retriever

Grain yield (as % control)				
UK	East	West	North	Untreated
94	94	94	94	69
Quality				
Specific weight (kg/hl)			70.0	Good
Screenings % through 2.25 mm			3.7	
Screenings % through 2.5 mm			12.2	
Nitrogen (%)			1.62	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			87	Short
Straw height with PGR (cm)			84	Short
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			6	Medium
Yellow rust			8	High
Brown rust			6	Medium
Rhynchosporium			5	Medium
Net blotch			5	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			95	
Heavy soils (% control)			94	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

NEW

A new high-yielding two-row  
feed variety

P1 UK

KWS UK

01763 207300

kws-uk.com

(California x Matros) x Glacier

Grain yield (as % control)				
UK	East	West	North	Untreated
104	106	[102]	100	84
Quality				
Specific weight (kg/hl)			68.1	Medium
Screenings % through 2.25 mm			2.5	
Screenings % through 2.5 mm			7.7	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			99	Tall
Straw height with PGR (cm)			95	Medium
Ripening (days +/- KWS Orwell)			+1	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			6	Medium
Yellow rust			-	
Brown rust			6	Medium
Rhynchosporium			6	Medium
Net blotch			5	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			102	
Heavy soils (% control)			[105]	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

NEW

A new high-yielding two-row feed variety

**P1 UK**

**Limagrain UK**

01472 371471

lgseeds.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
104	105	[101]	105	83
Quality				
Specific weight (kg/hl)			68.9	Medium
Screenings % through 2.25 mm			2.8	
Screenings % through 2.5 mm			9.2	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			85	Short
Straw height with PGR (cm)			87	Short
Ripening (days +/- KWS Orwell)			-1	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			5	Medium
Yellow rust			-	
Brown rust			7	Medium–high
Rhynchosporium			5	Medium
Net blotch			5	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			105	
Heavy soils (% control)			[107]	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).



**AHDB**

RECOMMENDED

**NEW**

A new high-yielding two-row feed variety

**P1 UK**

**Limagrain UK**

01472 371471

lgseeds.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
104	104	[104]	[101]	82
Quality				
Specific weight (kg/hl)			69.8	Good
Screenings % through 2.25 mm			1.8	
Screenings % through 2.5 mm			5.5	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			95	Medium
Straw height with PGR (cm)			91	Medium
Ripening (days +/- KWS Orwell)			+1	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			4	Low
Yellow rust			-	
Brown rust			7	Medium–high
Rhynchosporium			6	Medium
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			102	
Heavy soils (% control)			[106]	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

A high-yielding two-row  
feed variety

UK

KWS UK

01763 207300

kws-uk.com

KWS Tower x Salsa

Grain yield (as % control)				
UK	East	West	North	Untreated
103	102	103	102	81
Quality				
Specific weight (kg/hl)			67.8	Medium
Screenings % through 2.25 mm			2.1	
Screenings % through 2.5 mm			6.0	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			8	High
Straw height without PGR (cm)			87	Short
Straw height with PGR (cm)			85	Short
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			3	Very low
Yellow rust			[7]	Medium–high
Brown rust			7	Medium–high
Rhynchosporium			6	Medium
Net blotch			5	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			102	
Heavy soils (% control)			102	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

NEW

A new two-row feed variety

P1 UK

Senova

01223 890777

senova.uk.com

## Grain yield (as % control)

UK	East	West	North	Untreated
102	103	[101]	[101]	87

## Quality

Specific weight (kg/hl)	70.2	Good
Screenings % through 2.25 mm	1.0	
Screenings % through 2.5 mm	2.5	
Nitrogen (%)	-	

## Agronomic features

Lodging resistance (1–9)	8	High
Straw height without PGR (cm)	90	Medium
Straw height with PGR (cm)	87	Short
Ripening (days +/- KWS Orwell)	-1	Medium
Winter hardiness (1–9)	-	

## Disease resistance (1–9)

Mildew	6	Medium
Yellow rust	-	
Brown rust	9	High
Rhynchosporium	6	Medium
Net blotch	6	Medium
BaYMV	R	Resistant

## Soil types

Light soils (% control)	102
Heavy soils (% control)	[101]

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

A two-row feed variety

UK

Syngenta UK Ltd

01223 883400

syngenta.co.uk

SJ053088/Flight

Grain yield (as % control)				
UK	East	West	North	Untreated
101	102	102	98	86
Quality				
Specific weight (kg/hl)			69.3	Good
Screenings % through 2.25 mm			2.1	
Screenings % through 2.5 mm			6.4	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			88	Short
Straw height with PGR (cm)			85	Short
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			6	Medium
Yellow rust			[7]	Medium–high
Brown rust			7	Medium–high
Rhynchosporium			7	Medium–high
Net blotch			7	Medium–high
BaYMV			R	Resistant
Soil types				
Light soils (% control)			100	
Heavy soils (% control)			102	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).



A two-row feed variety

\*UK

**KWS UK**

01763 207300

kws-uk.com

## KWS Cassia x Retriever

Grain yield (as % control)				
UK	East	West	North	Untreated
101	101	101	102	79
Quality				
Specific weight (kg/hl)			68.0	Medium
Screenings % through 2.25 mm			2.7	
Screenings % through 2.5 mm			8.2	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			91	Medium
Straw height with PGR (cm)			88	Short
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			4	Low
Yellow rust			[7]	Medium–high
Brown rust			6	Medium
Rhynchosporium			6	Medium
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			102	
Heavy soils (% control)			100	

## Notes

\*KWS Infinity is no longer in Recommended List trials.

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

A two-row feed variety  
recommended for the North region

**North****KWS UK**

01763 207300

kws-uk.com

**KWS B105 x KWS Cassia**

Grain yield (as % control)				
UK	East	West	North	Untreated
101	100	102	103	74
Quality				
Specific weight (kg/hl)			67.9	Medium
Screenings % through 2.25 mm			2.4	
Screenings % through 2.5 mm			8.6	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			88	Short
Straw height with PGR (cm)			87	Short
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			4	Low
Yellow rust			[8]	High
Brown rust			6	Medium
Rhynchosporium			6	Medium
Net blotch			4	Low
BaYMV			R	Resistant
Soil types				
Light soils (% control)			102	
Heavy soils (% control)			99	

**Notes**

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).



A two-row feed variety

UK

KWS UK

01763 207300

kws-uk.com

Saffron x Retriever

Grain yield (as % control)				
UK	East	West	North	Untreated
101	99	101	102	75
Quality				
Specific weight (kg/hl)			67.4	Medium
Screenings % through 2.25 mm			2.3	
Screenings % through 2.5 mm			7.5	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			8	High
Straw height without PGR (cm)			92	Medium
Straw height with PGR (cm)			88	Short
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			5	Medium
Yellow rust			[8]	High
Brown rust			6	Medium
Rhynchosporium			6	Medium
Net blotch			4	Low
BaYMV			R	Resistant
Soil types				
Light soils (% control)			101	
Heavy soils (% control)			100	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

A two-row feed variety

UK

KWS UK

01763 207300

kws-uk.com

KWS Cassia x Retriever

Grain yield (as % control)				
UK	East	West	North	Untreated
100	99	100	101	77
Quality				
Specific weight (kg/hl)			69.0	Good
Screenings % through 2.25 mm			3.0	
Screenings % through 2.5 mm			10.1	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			6	Medium
Straw height without PGR (cm)			85	Short
Straw height with PGR (cm)			82	Short
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			4	Low
Yellow rust			[9]	High
Brown rust			7	Medium–high
Rhynchosporium			4	Low
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			100	
Heavy soils (% control)			100	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).





A two-row feed variety recommended for the West region

**West**

**Limagrain UK**

01472 371471

lgseeds.co.uk

**Cantare x Celebration**

Grain yield (as % control)				
UK	East	West	North	Untreated
99	99	101	97	80
Quality				
Specific weight (kg/hl)			68.2	Medium
Screenings % through 2.25 mm			2.1	
Screenings % through 2.5 mm			6.6	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			8	High
Straw height without PGR (cm)			93	Medium
Straw height with PGR (cm)			90	Medium
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			6	Medium
Yellow rust			[8]	High
Brown rust			5	Medium
Rhynchosporium			6	Medium
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			97	
Heavy soils (% control)			101	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

A two-row feed variety

UK

KWS UK

01763 207300

kws-uk.com

(Eden x Carat) x Saffron

Grain yield (as % control)				
UK	East	West	North	Untreated
98	98	98	98	81
Quality				
Specific weight (kg/hl)			71.0	Good
Screenings % through 2.25 mm			1.8	
Screenings % through 2.5 mm			5.7	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			8	High
Straw height without PGR (cm)			91	Medium
Straw height with PGR (cm)			89	Medium
Ripening (days +/- KWS Orwell)			+1	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			4	Low
Yellow rust			6	Medium
Brown rust			7	Medium–high
Rhynchosporium			5	Medium
Net blotch			5	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			97	
Heavy soils (% control)			98	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).



A very high-yielding six-row hybrid feed variety

**P2 UK**

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
109	108	110	108	78
Quality				
Specific weight (kg/hl)			68.5	Medium
Screenings % through 2.25 mm			2.9	
Screenings % through 2.5 mm			10.3	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			110	Tall
Straw height with PGR (cm)			107	Tall
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			6	Medium
Yellow rust			[8]	High
Brown rust			4	Low
Rhynchosporium			6	Medium
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			107	
Heavy soils (% control)			109	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

NEW

A new very high-yielding six-row hybrid feed variety

**P1 UK**

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
109	108	[111]	106	91
Quality				
Specific weight (kg/hl)			68.7	Medium
Screenings % through 2.25 mm			2.3	
Screenings % through 2.5 mm			8.0	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			119	Tall
Straw height with PGR (cm)			110	Tall
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			8	High
Yellow rust			-	
Brown rust			6	Medium
Rhynchosporium			7	Medium–high
Net blotch			5	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			106	
Heavy soils (% control)			[107]	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

NEW

A new very high-yielding six-row hybrid feed variety

**P1 UK**

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
108	109	[109]	106	89
Quality				
Specific weight (kg/hl)			69.9	Good
Screenings % through 2.25 mm			1.9	
Screenings % through 2.5 mm			6.9	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			8	High
Straw height without PGR (cm)			112	Tall
Straw height with PGR (cm)			103	Tall
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			6	Medium
Yellow rust			-	
Brown rust			6	Medium
Rhynchosporium			7	Medium–high
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			106	
Heavy soils (% control)			[108]	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

A high yielding six-row hybrid feed variety

UK

Syngenta UK Ltd

01223 883400

syngenta.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
107	108	108	106	89
Quality				
Specific weight (kg/hl)			68.8	Medium
Screenings % through 2.25 mm			2.7	
Screenings % through 2.5 mm			9.6	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			115	Tall
Straw height with PGR (cm)			109	Tall
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			4	Low
Yellow rust			[9]	High
Brown rust			6	Medium
Rhynchosporium			7	Medium–high
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			106	
Heavy soils (% control)			109	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).



A high-yielding six-row hybrid feed variety recommended for the North region

## North

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
107	105	107	109	88
Quality				
Specific weight (kg/hl)			67.8	Medium
Screenings % through 2.25 mm			2.6	
Screenings % through 2.5 mm			10.3	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			110	Tall
Straw height with PGR (cm)			105	Tall
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			5	Medium
Yellow rust			[7]	Medium–high
Brown rust			6	Medium
Rhynchosporium			7	Medium–high
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			107	
Heavy soils (% control)			105	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

A high-yielding six-row hybrid feed variety

UK

Syngenta UK Ltd

01223 883400

syngenta.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
107	106	108	105	90
Quality				
Specific weight (kg/hl)			68.2	Medium
Screenings % through 2.25 mm			2.9	
Screenings % through 2.5 mm			10.7	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			8	High
Straw height without PGR (cm)			109	Tall
Straw height with PGR (cm)			102	Tall
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			5	Medium
Yellow rust			[8]	High
Brown rust			7	Medium–high
Rhynchosporium			7	Medium–high
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			105	
Heavy soils (% control)			109	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).



AHDB

RECOMMENDED

A high-yielding six-row  
feed variety**P2 UK****KWS UK**

01763 207300

kws-uk.com

Grain yield (as % control)				
UK	East	West	North	Untreated
106	104	110	103	90
Quality				
Specific weight (kg/hl)			65.8	Very low
Screenings % through 2.25 mm			2.5	
Screenings % through 2.5 mm			8.3	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			8	High
Straw height without PGR (cm)			105	Tall
Straw height with PGR (cm)			100	Tall
Ripening (days +/- KWS Orwell)			0	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			7	Medium–high
Yellow rust			[8]	High
Brown rust			7	Medium–high
Rhynchosporium			7	Medium–high
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			104	
Heavy soils (% control)			105	

**Notes**

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

AHDB

RECOMMENDED

A six-row feed variety

UK

KWS UK

01763 207300

kws-uk.com

Gigga X Meridian

Grain yield (as % control)				
UK	East	West	North	Untreated
105	105	106	104	90
Quality				
Specific weight (kg/hl)			69.0	Good
Screenings % through 2.25 mm			4.7	
Screenings % through 2.5 mm			17.3	
Nitrogen (%)			[1.55]	
Agronomic features				
Lodging resistance (1–9)			8	High
Straw height without PGR (cm)			95	Medium
Straw height with PGR (cm)			93	Medium
Ripening (days +/- KWS Orwell)			-1	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			5	Medium
Yellow rust			[9]	High
Brown rust			8	High
Rhynchosporium			7	Medium–high
Net blotch			5	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			105	
Heavy soils (% control)			105	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).



A six-row hybrid feed variety

**P2 UK**

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
104	104	105	103	85
Quality				
Specific weight (kg/hl)			70.8	Good
Screenings % through 2.25 mm			2.4	
Screenings % through 2.5 mm			8.8	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height without PGR (cm)			108	Tall
Straw height with PGR (cm)			105	Tall
Ripening (days +/- KWS Orwell)			-1	Medium
Winter hardiness (1–9)			-	
Disease resistance (1–9)				
Mildew			4	Low
Yellow rust			[8]	High
Brown rust			6	Medium
Rhynchosporium			7	Medium–high
Net blotch			6	Medium
BaYMV			R	Resistant
Soil types				
Light soils (% control)			103	
Heavy soils (% control)			105	

## Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).



A candidate for the 2020/21  
AHDB Recommended List,  
under test for malting

### Two-row

#### Senova

01223 890777

senova.uk.com

Previous name: BR11585Y4

Grain yield (as % control)				
UK	East	West	North	Untreated
98	[99]	[97]	[97]	[81]
Quality				
Specific weight (kg/hl)		69.9	Good	
Agronomic features				
Lodging % (Untreated)		3		
Lodging % (Treated)		3		
Height (cm)		[85]	Short	
Ripening (days +/- KWS Orwell)		-2	Early	
Disease resistance (1–9)				
Mildew		6	Medium	
Brown rust		7	Medium–high	
Rhynchosporium		5	Medium	
Net blotch		4	Low	
BaYMV		R	Resistant	

### Notes

A two-row variety.

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.



A candidate for the 2020/21  
AHDB Recommended List,  
under test for malting

### Two-row

### Senova

01223 890777

senova.uk.com

Previous name: SJ116261

Grain yield (as % control)				
UK	East	West	North	Untreated
98	[99]	[97]	[96]	[80]

Quality	
Specific weight (kg/hl)	71.2    Good

Agronomic features	
Lodging % (Untreated)	4
Lodging % (Treated)	2
Height (cm)	[91]    Medium
Ripening (days +/- KWS Orwell)	0    Medium

Disease resistance (1–9)		
Mildew	5	Medium
Brown rust	7	Medium–high
Rhynchosporium	7	Medium–high
Net blotch	6	Medium
BaYMV	R	Resistant

### Notes

A two-row variety.

R = Resistant to the common strains of barley mosaic viruses  
(BaYMV strain 1 and BaMMV).

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

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A feed candidate for the 2020/21  
AHDB Recommended List

**Two-row**

**KWS UK**

01763 207300

kws-uk.com

Previous name: KWSB129

Grain yield (as % control)				
UK	East	West	North	Untreated
107	[108]	[108]	[104]	[84]
Quality				
Specific weight (kg/hl)		70.2	Good	
Agronomic features				
Lodging % (Untreated)		4		
Lodging % (Treated)		2		
Height (cm)		[89]	Medium	
Ripening (days +/- KWS Orwell)		0	Medium	
Disease resistance (1–9)				
Mildew		5	Medium	
Brown rust		6	Medium	
Rhynchosporium		6	Medium	
Net blotch		6	Medium	
BaYMV		R	Resistant	

## Notes

A two-row variety.

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.



A feed candidate for the 2020/21  
AHDB Recommended List

**Two-row**

**KWS UK**

01763 207300

kws-uk.com

Previous name: KWSB130

Grain yield (as % control)				
UK	East	West	North	Untreated
106	[106]	[103]	[107]	[82]
Quality				
Specific weight (kg/hl)			69.7	Good
Agronomic features				
Lodging % (Untreated)			2	
Lodging % (Treated)			2	
Height (cm)			[92]	Medium
Ripening (days +/- KWS Orwell)			0	Medium
Disease resistance (1–9)				
Mildew			4	Low
Brown rust			6	Medium
Rhynchosporium			6	Medium
Net blotch			4	Low
BaYMV			R	Resistant

## Notes

A two-row variety.

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.



A feed candidate for the 2020/21  
AHDB Recommended List

### Two-row

### Saaten Union UK

01440 783440

saaten-union.co.uk

Previous name: AC11/325/32

Grain yield (as % control)				
UK	East	West	North	Untreated
105	[106]	[107]	[102]	[86]
Quality				
Specific weight (kg/hl)			70.0	Good
Agronomic features				
Lodging % (Untreated)			5	
Lodging % (Treated)			3	
Height (cm)			[86]	Short
Ripening (days +/- KWS Orwell)			0	Medium
Disease resistance (1–9)			UK	
Mildew			5	Medium
Brown rust			8	High
Rhynchosporium			7	Medium-high
Net blotch			5	Medium
BaYMV			-	

### Notes

A two-row variety.

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.





A feed candidate for the 2020/21  
AHDB Recommended List

**Two-row**

**Senova**

01223 890777

senova.uk.com

Previous name: SEBC09

Grain yield (as % control)				
UK	East	West	North	Untreated

- - - - -

## Quality

Specific weight (kg/hl) - -

## Agronomic features

Lodging % (Untreated)

Lodging % (Treated)

Height (cm)

Ripening (days +/- KWS Orwe

Data cannot be  
published as variety has  
not completed National  
List testing\*

## Disease resistance (1–9)

Mildew - -

Brown rust - -

Rhynchosporium - -

Net blotch - -

BaYMV - -

## Notes

A two-row variety.

\*For latest information, visit [ahdb.org.uk/rl](http://ahdb.org.uk/rl)

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.



A feed candidate for the 2020/21  
AHDB Recommended List

**Six-row hybrid**

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Previous name: SY216439

Grain yield (as % control)				
UK	East	West	North	Untreated
109	[112]	[108]	[106]	[91]
Quality				
Specific weight (kg/hl)		68.5	Medium	
Agronomic features				
Lodging % (Untreated)		3		
Lodging % (Treated)		4		
Height (cm)		[118]	Tall	
Ripening (days +/- KWS Orwell)		0	Medium	
Disease resistance (1–9)				
Mildew		7	Medium–high	
Brown rust		6	Medium	
Rhynchosporium		7	Medium–high	
Net blotch		7	Medium–high	
BaYMV		R	Resistant	

## Notes

A six-row hybrid variety.

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.



A feed candidate for the 2020/21  
AHDB Recommended List

**Six-row hybrid**

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Previous name: SY215359

Grain yield (as % control)				
UK	East	West	North	Untreated
108	[109]	[110]	[106]	[91]
Quality				
Specific weight (kg/hl)			70.9	Good
Agronomic features				
Lodging % (Untreated)			4	
Lodging % (Treated)			3	
Height (cm)			[116]	Tall
Ripening (days +/- KWS Orwell)			-1	Medium
Disease resistance (1–9)				
Mildew			7	Medium–high
Brown rust			7	Medium–high
Rhynchosporium			6	Medium
Net blotch			5	Medium
BaYMV			R	Resistant

## Notes

A six-row hybrid variety.

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.

Winter barley control data from  
National List trial series

	Funky	Bazooka	KWS Glacier	Talisman	SY Venture
Grain yield (as % control)					
UK treated	106	106	100	94	95
UK untreated (as % of treated control)	89	87	76	75	67
Quality					
Specific weight (kg/hl)	70.7	70.3	70.4	69.5	71.9
Agronomic features					
Lodging % (Untreated)	1	3	5	8	3
Lodging % (Treated)	2	2	5	6	2
Height (cm)	95	112	84	96	87
Ripening (days +/- KWS Orwell)	-1	0	0	-1	0
Disease resistance (1–9)					
Mildew	5	4	4	6	6
Brown rust	8	6	7	7	6
Rhynchosporium	7	7	4	6	5
Net blotch	5	6	6	5	5
BaYMV	R	R	R	R	R

Notes

R = Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

These data are taken from the two-year data set used when considering varieties for promotion into the RL trial series.

For full data on a control variety, see its own page.

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

AHDB

RECOMMENDED

NEW

A new very high-yielding variety  
with potential for brewing

**P1 UK****Senova**

01223 890777

senova.uk.com

Grain yield (as % control)				
UK	East	West	North	Untreated
106	106	[105]	106	94

  

Quality			
Specific weight (kg/hl)	66.8	Medium	
Screenings % through 2.25 mm	1.2		
Screenings % through 2.5 mm	3.0		
Nitrogen (%)	1.43		

  

Agronomic features			
Lodging resistance (1–9)	[7]	Medium–high	
Straw height (cm)	69	Short	
Ripening (days +/- Concerto)	+1	Medium	
Brackling resistance (1–9)	7	Medium–high	

  

Disease resistance (1–9)			
Mildew	-		
Yellow rust	-		
Brown rust	[5]	Medium	
Rhynchosporium	[6]	Medium	

## Notes

Added to the Recommended List for 2019 as a very high-yielding variety with potential for brewing. It is still under test by MBC so growers are advised to speak to merchants before committing to this or other varieties in this position.

AHDB

RECOMMENDED

A very high-yielding variety with potential for brewing and malt distilling

**P2 UK**

**Limagrain UK**

01472 371471

lgseeds.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
105	106	103	107	94

Quality			
Specific weight (kg/hl)	67.6	Medium	
Screenings % through 2.25 mm	1.2		
Screenings % through 2.5 mm	2.8		
Nitrogen (%)	1.43		

Agronomic features			
Lodging resistance (1–9)	7	Medium–high	
Straw height (cm)	73	Medium	
Ripening (days +/- Concerto)	+2	Late	
Brackling resistance (1–9)	8	High	

Disease resistance (1–9)			
Mildew	[9]	Very high	
Yellow rust	[5]	Medium	
Brown rust	5	Medium	
Rhynchosporium	5	Medium	

## Notes

This variety has provisional MBC approval for brewing and malt distilling but is still under test by MBC so growers are advised to speak to merchants before committing to this or other varieties in this position.



A high-yielding variety with full  
MBC approval for brewing

**UK**

**RAGT Seeds**

01799 533700

ragt.co.uk

**Tamtam x Concerto**

Grain yield (as % control)				
UK	East	West	North	Untreated
103	104	104	103	93
Quality				
Specific weight (kg/hl)			68.3	Medium
Screenings % through 2.25 mm			1.1	
Screenings % through 2.5 mm			3.1	
Nitrogen (%)			1.45	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height (cm)			73	Medium
Ripening (days +/- Concerto)			0	Medium
Brackling resistance (1–9)			8	High
Disease resistance (1–9)				
Mildew			[9]	Very high
Yellow rust			[5]	Medium
Brown rust			4	Low
Rhynchosporium			5	Medium



A high-yielding variety with full  
MBC approval for brewing and  
malt distilling

UK

Syngenta UK Ltd

01223 883400

syngenta.co.uk

Sanette x Concerto

Grain yield (as % control)				
UK	East	West	North	Untreated
103	104	103	104	94
Quality				
Specific weight (kg/hl)			66.8	Medium
Screenings % through 2.25 mm			1.3	
Screenings % through 2.5 mm			3.0	
Nitrogen (%)			1.47	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height (cm)			71	Medium
Ripening (days +/- Concerto)			+1	Medium
Brackling resistance (1–9)			8	High
Disease resistance (1–9)				
Mildew			[8]	High
Yellow rust			[6]	Medium
Brown rust			5	Medium
Rhynchosporium			6	Medium





A variety with potential for brewing, malt distilling and grain distilling

**P2 UK**

**RAGT Seeds**

01799 533700

ragt.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
102	103	102	102	93

Quality			
Specific weight (kg/hl)	68.7	Medium	
Screenings % through 2.25 mm	0.9		
Screenings % through 2.5 mm	2.4		
Nitrogen (%)	1.47		

Agronomic features			
Lodging resistance (1–9)	7	Medium–high	
Straw height (cm)	74	Medium	
Ripening (days +/- Concerto)	+1	Medium	
Brackling resistance (1–9)	8	High	

Disease resistance (1–9)			
Mildew	[9]	Very high	
Yellow rust	[8]	High	
Brown rust	6	Medium	
Rhynchosporium	5	Medium	

## Notes

This variety has provisional MBC approval for brewing, malt distilling and grain distilling but is still under test by MBC so growers are advised to speak to merchants before committing to this or other varieties in this position.



RECOMMENDED

A variety with potential  
for brewing

UK

Saaten Union UK

01440 783440

saaten-union.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
102	102	100	104	90
Quality				
Specific weight (kg/hl)		66.3	Low	
Screenings % through 2.25 mm		1.0		
Screenings % through 2.5 mm		2.7		
Nitrogen (%)		1.44		
Agronomic features				
Lodging resistance (1–9)		6	Medium	
Straw height (cm)		74	Medium	
Ripening (days +/- Concerto)		0	Medium	
Brackling resistance (1–9)		7	Medium–high	
Disease resistance (1–9)				
Mildew		[8]	High	
Yellow rust		[6]	Medium	
Brown rust		4	Low	
Rhynchosporium		5	Medium	

Notes

This variety lacks a gene for lipoxygenase production.

This variety has provisional MBC approval for brewing but is still under test by MBC so growers are advised to speak to merchants before committing to this or other varieties in this position.

AHDB

RECOMMENDED

## A malting variety

\*UK

KWS UK

01763 207300

kws-uk.com

## Conchita x Quench

Grain yield (as % control)				
UK	East	West	North	Untreated
102	102	100	102	89
Quality				
Specific weight (kg/hl)			66.4	Low
Screenings % through 2.25 mm			1.6	
Screenings % through 2.5 mm			4.0	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			8	High
Straw height (cm)			69	Short
Ripening (days +/- Concerto)			0	Medium
Brackling resistance (1–9)			9	High
Disease resistance (1–9)				
Mildew			[9]	Very high
Yellow rust			[6]	Medium
Brown rust			5	Medium
Rhynchosporium			5	Medium

## Notes

\*KWS Irina is no longer in Recommended List trials.

KWS Irina is no longer approved by MBC.

Growers are advised to speak to their merchants about end markets.



RECOMMENDED

A variety with full MBC approval  
for grain distilling

UK

Limagrain UK

01472 371471

lgseeds.co.uk

Genie x Tesla

Grain yield (as % control)				
UK	East	West	North	Untreated
102	100	101	103	89
Quality				
Specific weight (kg/hl)		67.1	Medium	
Screenings % through 2.25 mm		1.8		
Screenings % through 2.5 mm		4.7		
Nitrogen (%)		1.51		
Agronomic features				
Lodging resistance (1–9)		7	Medium–high	
Straw height (cm)		73	Medium	
Ripening (days +/- Concerto)		+1	Medium	
Brackling resistance (1–9)		7	Medium–high	
Disease resistance (1–9)				
Mildew		[9]	Very high	
Yellow rust		[7]	Medium-high	
Brown rust		4	Low	
Rhynchosporium		6	Medium	

AHDB

RECOMMENDED

A variety with full MBC approval  
for malt distilling

UK

KWS UK

01763 207300

kws-uk.com

Concerto x Publican

Grain yield (as % control)				
UK	East	West	North	Untreated
101	99	99	103	91
Quality				
Specific weight (kg/hl)			68.8	Medium
Screenings % through 2.25 mm			0.9	
Screenings % through 2.5 mm			2.1	
Nitrogen (%)			1.49	
Agronomic features				
Lodging resistance (1–9)			6	Medium
Straw height (cm)			79	Medium
Ripening (days +/- Concerto)			+1	Medium
Brackling resistance (1–9)			7	Medium–high
Disease resistance (1–9)				
Mildew			[8]	High
Yellow rust			[5]	Medium
Brown rust			5	Medium
Rhynchosporium			6	Medium

AHDB

RECOMMENDED

A variety with full MBC approval  
for malt distilling

UK

Limagrain UK

01472 371471

lgseeds.co.uk

Chronicle x Genie

Grain yield (as % control)				
UK	East	West	North	Untreated
100	98	100	102	91
Quality				
Specific weight (kg/hl)			70.9	Good
Screenings % through 2.25 mm			1.4	
Screenings % through 2.5 mm			3.2	
Nitrogen (%)			1.49	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height (cm)			77	Medium
Ripening (days +/- Concerto)			+1	Medium
Brackling resistance (1–9)			7	Medium–high
Disease resistance (1–9)				
Mildew			[9]	Very high
Yellow rust			[6]	Medium
Brown rust			6	Medium
Rhynchosporium			6	Medium



A variety with full MBC approval for brewing

**UK**

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Quench x NFC Tipple

Grain yield (as % control)				
UK	East	West	North	Untreated
98	96	98	99	84

Quality			
Specific weight (kg/hl)	68.7	Medium	
Screenings % through 2.25 mm	0.8		
Screenings % through 2.5 mm	1.7		
Nitrogen (%)	1.54		

Agronomic features		
Lodging resistance (1–9)	7	Medium–high
Straw height (cm)	75	Medium
Ripening (days +/- Concerto)	0	Medium
Brackling resistance (1–9)	8	High

Disease resistance (1–9)		
Mildew	6	Medium
Yellow rust	[3]	Very low
Brown rust	4	Low
Rhynchosporium	5	Medium



A variety with a specific recommendation for grain distilling. This variety has full MBC approval for grain distilling

**Sp**

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk Titouan x 144-02-4

Grain yield (as % control)				
UK	East	West	North	Untreated
96	96	97	95	86

Quality			
Specific weight (kg/hl)	68.8	Medium	
Screenings % through 2.25 mm	0.8		
Screenings % through 2.5 mm	2.2		
Nitrogen (%)	1.58		

Agronomic features			
Lodging resistance (1–9)	7	Medium–high	
Straw height (cm)	73	Medium	
Ripening (days +/- Concerto)	-1	Medium	
Brackling resistance (1–9)	7	Medium–high	

Disease resistance (1–9)			
Mildew	[8]	High	
Yellow rust	[8]	High	
Brown rust	4	Low	
Rhynchosporium	6	Medium	





A variety with full MBC approval for brewing and malt distilling

**UK**

**Limagrain UK**

01472 371471

lgseeds.co.uk

Minstrel x Westminster

Grain yield (as % control)				
UK	East	West	North	Untreated
94	93	95	92	84

Quality		
Specific weight (kg/hl)	69.3	Good
Screenings % through 2.25 mm	1.1	
Screenings % through 2.5 mm	2.6	
Nitrogen (%)	1.51	

Agronomic features		
Lodging resistance (1–9)	7	Medium–high
Straw height (cm)	78	Medium
Ripening (days +/- Concerto)	0	Medium
Brackling resistance (1–9)	8	High

Disease resistance (1–9)		
Mildew	8	High
Yellow rust	[8]	High
Brown rust	5	Medium
Rhynchosporium	4	Low

AHDB

RECOMMENDED

A high-yielding feed variety

\*UK

Limagrain UK

01472 371471

lgseeds.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
104	105	102	105	92

Quality		
Specific weight (kg/hl)	66.4	Low
Screenings % through 2.25 mm	1.5	
Screenings % through 2.5 mm	3.5	
Nitrogen (%)	1.42	

Agronomic features		
Lodging resistance (1–9)	7	Medium–high
Straw height (cm)	70	Short
Ripening (days +/- Concerto)	+1	Medium
Brackling resistance (1–9)	7	Medium–high

Disease resistance (1–9)		
Mildew	[9]	Very high
Yellow rust	[8]	High
Brown rust	4	Low
Rhynchosporium	6	Medium

## Notes

\*LG Tomahawk is no longer in Recommended List trials.



A high-yielding feed variety recommended for the North region

**\*North**

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Summit\SJ056065

Grain yield (as % control)				
UK	East	West	North	Untreated
103	103	101	104	92
Quality				
Specific weight (kg/hl)			69.0	Good
Screenings % through 2.25 mm			1.8	
Screenings % through 2.5 mm			5.2	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height (cm)			68	Short
Ripening (days +/- Concerto)			+1	Medium
Brackling resistance (1–9)			9	High
Disease resistance (1–9)				
Mildew			[9]	Very high
Yellow rust			[8]	High
Brown rust			5	Medium
Rhynchosporium			5	Medium

## Notes

\*Scholar is no longer in Recommended List trials.



A feed variety

\*UK

**Limagrain UK**

01472 371471

lgseeds.co.uk

Odyssey x Tesla

Grain yield (as % control)				
UK	East	West	North	Untreated
102	104	101	102	87
Quality				
Specific weight (kg/hl)			66.8	Medium
Screenings % through 2.25 mm			1.6	
Screenings % through 2.5 mm			4.3	
Nitrogen (%)			1.45	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height (cm)			72	Medium
Ripening (days +/- Concerto)			+1	Medium
Brackling resistance (1–9)			7	Medium–high
Disease resistance (1–9)				
Mildew			[9]	Very high
Yellow rust			[6]	Medium
Brown rust			4	Low
Rhynchosporium			6	Medium

Notes

\*Ovation is no longer in Recommended List trials.



A feed variety recommended for the West region

**\*West**

**Agrii**

01277 898202

agrii.co.uk

**Quench x Belgravia**

Grain yield (as % control)				
UK	East	West	North	Untreated
99	[96]	101	99	88
Quality				
Specific weight (kg/hl)			70.0	Good
Screenings % through 2.25 mm			1.1	
Screenings % through 2.5 mm			3.0	
Nitrogen (%)			-	
Agronomic features				
Lodging resistance (1–9)			7	Medium–high
Straw height (cm)			73	Medium
Ripening (days +/- Concerto)			0	Medium
Brackling resistance (1–9)			9	High
Disease resistance (1–9)				
Mildew			[9]	Very high
Yellow rust			[6]	Medium
Brown rust			5	Medium
Rhynchosporium			[5]	Medium

## Notes

\*Hacker is no longer in Recommended List trials.



A candidate for the 2020  
AHDB Recommended List,  
under test for malting

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Previous name: SY416728

Grain yield (as % control)				
UK	East	West	North	Untreated
107	[105]	[110]	108	96
Quality				
Specific weight (kg/hl)			68.0	Medium
Agronomic features				
Lodging % (Treated)			[0]	
Height (cm)			68	Short
Ripening (days +/- Concerto)			[+1]	Medium
Brackling % (Treated)			25	
Disease resistance (1–9)				
Brown rust			6	Medium
Rhynchosporium			-	

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.



A candidate for the 2020  
AHDB Recommended List,  
under test for malting

**Elsoms Ackermann Barley**

01775 715000

elsoms.com

Previous name: AC16/03

Grain yield (as % control)				
UK	East	West	North	Untreated
-	-	-	-	-
Quality				
Specific weight (kg/hl)			-	-
Agronomic features				
Lodging % (Treated)				
Height (cm)				
Ripening (days +/- Concerto)				
Brackling % (Treated)				
Disease resistance (1–9)				
Brown rust			-	
Rhynchosporium			-	

Data cannot be  
published as variety has  
not completed National  
List testing\*

\*For latest information, visit [ahdb.org.uk/rl](https://ahdb.org.uk/rl)

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A candidate for the 2020  
AHDB Recommended List,  
under test for malting

**Syngenta UK Ltd**

01223 883400

syngenta.co.uk

Previous name: SY416756

Grain yield (as % control)				
UK	East	West	North	Untreated
107	[108]	[109]	106	96
Quality				
Specific weight (kg/hl)			68.3	Medium
Agronomic features				
Lodging % (Treated)			[2]	
Straw height (cm)			68	Short
Ripening (days +/- Concerto)			[0]	Medium
Brackling % (Treated)			20	
Disease resistance (1–9)				
Brown rust			5	Medium
Rhynchosporium			-	

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.





A candidate for the 2020  
AHDB Recommended List,  
under test for malting

**Limagrain UK**

01472 371471

lgseeds.co.uk

Previous name: LGBU15-4572-C

Grain yield (as % control)				
UK	East	West	North	Untreated
107	[108]	[106]	106	97
Quality				
Specific weight (kg/hl)			66.4	Low
Agronomic features				
Lodging % (Treated)			[4]	
Straw height (cm)			66	Short
Ripening (days +/- Concerto)			[+1]	Medium
Brackling % (Treated)			21	
Disease resistance (1–9)				
Brown rust			5	Medium
Rhynchosporium			-	

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

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A candidate for the 2020  
AHDB Recommended List,  
under test for malting

**Limagrain UK**

01472 371471

lgseeds.co.uk

Previous name: LGBU15-4834-C

Grain yield (as % control)				
UK	East	West	North	Untreated
-	-	-	-	-
Quality				
Specific weight (kg/hl)			-	-
Agronomic features				
Lodging % (Treated)				
Height (cm)				
Ripening (days +/- Concerto)				
Brackling % (Treated)				
Disease resistance (1–9)				
Brown rust			-	
Rhynchosporium			-	

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List testing\*

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A candidate for the 2020  
AHDB Recommended List,  
under test for malting

**Agrii**

01277 898202

agrii.co.uk

Previous name: SC32753P4

Grain yield (as % control)				
UK	East	West	North	Untreated
106	[107]	[105]	106	95
Quality				
Specific weight (kg/hl)			66.0	Low
Agronomic features				
Lodging % (Treated)			[0]	
Straw height (cm)			63	Short
Ripening (days +/- Concerto)			[0]	Medium
Brackling % (Treated)			16	
Disease resistance (1–9)				
Brown rust			6	Medium
Rhynchosporium			-	

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The scales used in the candidate tables are not the same as those for Recommended varieties.



A candidate for the 2020  
AHDB Recommended List,  
under test for malting

### Senova

01223 890777

senova.uk.com

Previous name: SJ148527

Grain yield (as % control)				
UK	East	West	North	Untreated
106	[110]	[105]	104	97
Quality				
Specific weight (kg/hl)			67.6	Medium
Agronomic features				
Lodging % (Treated)			[1]	
Straw height (cm)			67	Short
Ripening (days +/- Concerto)			[-1]	Medium
Brackling % (Treated)			14	
Disease resistance (1–9)				
Brown rust			6	Medium
Rhynchosporium			-	

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The scales used in the candidate tables are not the same as those for Recommended varieties.



A candidate for the 2020  
AHDB Recommended List,  
under test for malting

**Elsoms Ackermann Barley**

01775 715000

elsoms.com

Previous name: AC16/02

Grain yield (as % control)				
UK	East	West	North	Untreated

- - - - -

## Quality

Specific weight (kg/hl) - -

## Agronomic features

Lodging % (Treated)

Height (cm)

Ripening (days +/- Concerto)

Brackling % (Treated)

## Disease resistance (1–9)

Brown rust -

Rhynchosporium -

Data cannot be  
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List testing\*

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A candidate for the 2020  
AHDB Recommended List,  
under test for malting

## RAGT Seeds

01799 533700

ragt.co.uk

Previous name: RP16033

Grain yield (as % control)				
UK	East	West	North	Untreated
105	[106]	[106]	104	92
Quality				
Specific weight (kg/hl)			65.6	Low
Agronomic features				
Lodging % (Treated)			[0]	
Straw height (cm)			63	Short
Ripening (days +/- Concerto)			[0]	Medium
Brackling % (Treated)			18	
Disease resistance (1–9)				
Brown rust			4	Low
Rhynchosporium			-	

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.



A candidate for the 2020  
AHDB Recommended List,  
under test for malting

**Agrii**

01277 898202

agrii.co.uk

Previous name: SC38192R2

Grain yield (as % control)				
UK	East	West	North	Untreated
105	[103]	[110]	104	98
Quality				
Specific weight (kg/hl)			67.2	Medium
Agronomic features				
Lodging % (Treated)			[2]	
Straw height (cm)			71	Medium
Ripening (days +/- Concerto)			[0]	Medium
Brackling % (Treated)			26	
Disease resistance (1–9)				
Brown rust			6	Medium
Rhynchosporium			-	

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.



A feed candidate for the 2020  
AHDB Recommended List

**Agrii**  
01277 898202  
agrii.co.uk

Previous name: SC38271Q4

Grain yield (as % control)				
UK	East	West	North	Untreated
-	-	-	-	-
Quality				
Specific weight (kg/hl)			-	-
Agronomic features				
Lodging % (Treated)				
Height (cm)				
Ripening (days +/- Concerto)				
Brackling % (Treated)				
Disease resistance (1–9)				
Brown rust			-	
Rhynchosporium			-	

Data cannot be  
published as variety has  
not completed National  
List testing\*

\*For latest information, visit [ahdb.org.uk/rl](https://ahdb.org.uk/rl)

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A feed candidate for the 2020  
AHDB Recommended List

**Senova**

01223 890777

senova.uk.com

Previous name: NOS111.390-52

Grain yield (as % control)				
UK	East	West	North	Untreated
-	-	-	-	-
Quality				
Specific weight (kg/hl)			-	-
Agronomic features				
Lodging % (Treated)				
Height (cm)				
Ripening (days +/- Concerto)				
Brackling % (Treated)				
Disease resistance (1-9)				
Brown rust			-	
Rhynchosporium			-	

Data cannot be  
published as variety has  
not completed National  
List testing\*

\*For latest information, visit [ahdb.org.uk/rl](https://ahdb.org.uk/rl)

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.



A feed candidate for the 2020  
AHDB Recommended List

**Saaten Union UK**

01440 783440

saaten-union.co.uk

Grain yield (as % control)				
UK	East	West	North	Untreated
-	-	-	-	-
Quality				
Specific weight (kg/hl)			-	-
Agronomic features				
Lodging % (Treated)				
Height (cm)				
Ripening (days +/- Concerto)				
Brackling % (Treated)				
Disease resistance (1–9)				
Brown rust			-	
Rhynchosporium			-	

Data cannot be  
published as variety has  
not completed National  
List testing\*

\*For latest information, visit [ahdb.org.uk/rl](http://ahdb.org.uk/rl)

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

The scales used in the candidate tables are not the same as those for Recommended varieties.

## Spring barley control data from National List trial series

	Laureate	RGT Planet	KWS Irina	Propino	Concerto
<b>Grain yield (as % control)</b>					
UK treated	104	102	100	98	96
UK untreated (as % of treated control)	97	95	90	84	88
<b>Quality</b>					
Specific weight (kg/hl)	66.6	68.2	66.2	68.4	68.5
<b>Agronomic features</b>					
Lodging % (Treated)	2	2	0	1	2
Height (cm)	66	69	65	70	73
Ripening (days +/- Concerto)	+1	0	0	-1	0
Brackling % (Treated)	21	19	12	20	21
<b>Disease resistance (1–9)</b>					
Mildew	[8]	[8]	[8]	[6]	[8]
Brown rust	5	4	5	4	5
Rhynchosporium	6	5	5	5	4

### Notes

These data are taken from the two-year data set used when considering varieties for promotion into the Recommended List trial series.

For full data on a control variety, see its own page.

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.



RECOMMENDED

A very high-yielding  
husked variety

**P2 UK**

**RAGT Seeds**

01799 533700

ragt.co.uk

Grain yield (as % control)		
UK treated	105	
Quality		
Kernel content (%)	74.7	Medium
Specific weight (kg/hl)	54.9	Good
Screenings % through 2.0 mm	5.9	
Agronomic features		
Lodging resistance (1–9)	4	Low
Height (cm)	119	Medium
Ripening (days +/- Mascari)	-1	Early
Disease resistance (1–9)		
Mildew	3	Very low
Crown rust	8	Very high

AHDB

RECOMMENDED

A high-yielding husked variety

UK

**Senova**

01223 890777

senova.uk.com

98-23Cn2/1 x 98-30CN15/1

Grain yield (as % control)		
UK treated	103	
Quality		
Kernel content (%)	74.8	Medium
Specific weight (kg/hl)	49.9	Low
Screenings % through 2.0 mm	4.0	
Agronomic features		
Lodging resistance (1–9)	3	Very low
Height (cm)	122	Tall
Ripening (days +/- Mascani)	+1	Medium
Disease resistance (1–9)		
Mildew	[5]	Medium
Crown rust	5	Medium



A husked variety

UK

**RAGT Seeds**

01799 533700

ragt.co.uk

Grain yield (as % control)		
UK treated	101	
Quality		
Kernel content (%)	74.6	Medium
Specific weight (kg/hl)	52.8	Medium
Screenings % through 2.0 mm	6.1	
Agronomic features		
Lodging resistance (1–9)	6	Medium
Height (cm)	112	Medium
Ripening (days +/- Mascani)	-2	Early
Disease resistance (1–9)		
Mildew	4	Low
Crown rust	5	Medium



A husked variety

UK

**Senova**

01223 890777

senova.uk.com

Mirabel x Solva

Grain yield (as % control)		
UK treated	100	
Quality		
Kernel content (%)	74.9	Medium
Specific weight (kg/hl)	54.8	Good
Screenings % through 2.0 mm	3.6	
Agronomic features		
Lodging resistance (1–9)	3	Very low
Height (cm)	120	Tall
Ripening (days +/- Mascani)	-1	Early
Disease resistance (1–9)		
Mildew	4	Low
Crown rust	4	Low



A husked variety

UK

Senova

01223 890777

senova.uk.com

F5 CW0112/15A/05 x Stampede

Grain yield (as % control)		
UK treated	99	
Quality		
Kernel content (%)	77.2	Good
Specific weight (kg/hl)	54.3	Good
Screenings % through 2.0 mm	1.5	
Agronomic features		
Lodging resistance (1–9)	6	Medium
Height (cm)	117	Medium
Ripening (days +/- Mascani)	0	Medium
Disease resistance (1–9)		
Mildew	5	Medium
Crown rust	6	Medium



AHDB

RECOMMENDED

A husked variety

UK

**Senova**

01223 890777

senova.uk.com

Bulwark x 76/17Cn26

Grain yield (as % control)		
UK treated	98	
Quality		
Kernel content (%)	72.5	Low
Specific weight (kg/hl)	53.5	Medium
Screenings % through 2.0 mm	4.2	
Agronomic features		
Lodging resistance (1–9)	6	Medium
Height (cm)	117	Medium
Ripening (days +/- Mascani)	+2	Late
Disease resistance (1–9)		
Mildew	[4]	Low
Crown rust	5	Medium

AHDB

RECOMMENDED

A huskless (naked) variety

UK

Senova

01223 890777

senova.uk.com

96-41Cn3 x 98-97Cn8

Grain yield (as % control)		
UK treated	78	
Quality		
Kernel content (%)	-	
Specific weight (kg/hl)	64.6	Good
Screenings % through 2.0 mm	26.6	
Agronomic features		
Lodging resistance (1–9)	6	Medium
Height (cm)	113	Medium
Ripening (days +/- Mascari)	0	Medium
Disease resistance (1–9)		
Mildew	[7]	Medium–high
Crown rust	6	Medium

AHDB

RECOMMENDED

A short-strawed huskless  
(naked) variety

UK

**Senova**

01223 890777

senova.uk.com

Complex cross

Grain yield (as % control)		
UK treated	73	
Quality		
Kernel content (%)	-	
Specific weight (kg/hl)	62.5	Good
Screenings % through 2.0 mm	35.0	
Agronomic features		
Lodging resistance (1–9)	8	High
Height (cm)	80	Short
Ripening (days +/- Mascani)	+3	Late
Disease resistance (1–9)		
Mildew	[4]	Low
Crown rust	3	Very low



A huskless (naked) variety

UK

Senova

01223 890777

senova.uk.com

(79.77CN5 x 81-110CN9) x Pendragon

Grain yield (as % control)		
UK treated	72	
Quality		
Kernel content (%)	-	
Specific weight (kg/hl)	64.6	Good
Screenings % through 2.0 mm	14.9	
Agronomic features		
Lodging resistance (1–9)	6	Medium
Height (cm)	118	Medium
Ripening (days +/- Mascari)	-1	Early
Disease resistance (1–9)		
Mildew	[4]	Low
Crown rust	4	Low



A candidate husked variety  
for the 2020/21 AHDB  
Recommended List

### Senova

01223 890777

senova.uk.com

Previous name: 07-77ACN3

Grain yield (as % control)		
UK treated	104	
Quality		
Kernel content (%)	72.8	Low
Specific weight (kg/hl)	51.1	Low
Screenings % through 2.0 mm	2.1	
Agronomic features		
Lodging resistance (1–9)	[7]	Medium–high
Height (cm)	117	Medium
Ripening (days +/- Mascani)	+1	Medium
Disease resistance (1–9)		
Mildew	[8]	High
Crown rust	[4]	Low

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

Winter oat candidate data are directly comparable to data for the Recommended varieties.



A candidate husked variety  
for the 2020/21 AHDB  
Recommended List

## Senova

01223 890777

senova.uk.com

Previous name: 06-22CN121

Grain yield (as % control)		
UK treated	103	
Quality		
Kernel content (%)	75.0	Medium
Specific weight (kg/hl)	52.2	Medium
Screenings % through 2.0 mm	1.5	
Agronomic features		
Lodging resistance (1–9)	[6]	Medium
Height (cm)	116	Medium
Ripening (days +/- Mascani)	+3	Late
Disease resistance (1–9)		
Mildew	[4]	Low
Crown rust	[5]	Medium

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

Winter oat candidate data are directly comparable to data for the Recommended varieties.

AHDB

RECOMMENDED

A very high-yielding  
husked variety

**P2 UK**

**Saaten Union UK**

01440 783440

saaten-union.co.uk

Grain yield (as % control)		
Treated	105	
Untreated	96	
Quality		
Kernel content (%)	74.8	Medium
Specific weight (kg/hl)	53.6	Medium
Screenings % through 2.0 mm	2.6	
Agronomic features		
Lodging resistance (1–9)	8	High
Height (cm)	118	Medium
Ripening (days +/- Firth)	0	Medium
Disease resistance (1–9)		
Mildew	9	Very high
Crown rust	[4]	Low

AHDB

RECOMMENDED

A high-yielding husked variety

UK

Saaten Union UK

01440 783440

saaten-union.co.uk

Grain yield (as % control)		
Treated	102	
Untreated	95	
Quality		
Kernel content (%)	75.1	Medium
Specific weight (kg/hl)	53.4	Medium
Screenings % through 2.0 mm	3.1	
Agronomic features		
Lodging resistance (1–9)	8	High
Height (cm)	114	Medium
Ripening (days +/- Firth)	-1	Early
Disease resistance (1–9)		
Mildew	8	High
Crown rust	[5]	Medium



AHDB

RECOMMENDED

NEW

A new high-yielding  
husked variety

**P1 UK****Senova**

01223 890777

senova.uk.com

Grain yield (as % control)		
Treated	102	
Untreated	93	
Quality		
Kernel content (%)	74.6	Medium
Specific weight (kg/hl)	54.4	Good
Screenings % through 2.0 mm	2.5	
Agronomic features		
Lodging resistance (1–9)	[9]	Very high
Height (cm)	[115]	Medium
Ripening (days +/- Firth)	0	Medium
Disease resistance (1–9)		
Mildew	8	High
Crown rust	[4]	Low

AHDB

RECOMMENDED

A husked variety

UK

**Senova**

01223 890777

senova.uk.com

03.95031 x 03.70303

Grain yield (as % control)		
Treated	101	
Untreated	85	
Quality		
Kernel content (%)	76.1	Medium
Specific weight (kg/hl)	54.2	Good
Screenings % through 2.0 mm	2.0	
Agronomic features		
Lodging resistance (1–9)	7	Medium–high
Height (cm)	105	Medium
Ripening (days +/- Firth)	-1	Early
Disease resistance (1–9)		
Mildew	6	Medium
Crown rust	4	Low

AHDB

RECOMMENDED

A husked variety

UK

Saaten Union UK

01440 783440

saaten-union.co.uk

Nord 99/126 x LOCH 1177

Grain yield (as % control)		
Treated	100	
Untreated	92	
Quality		
Kernel content (%)	75.0	Medium
Specific weight (kg/hl)	54.5	Good
Screenings % through 2.0 mm	1.9	
Agronomic features		
Lodging resistance (1–9)	7	Medium–high
Height (cm)	116	Medium
Ripening (days +/- Firth)	0	Medium
Disease resistance (1–9)		
Mildew	8	High
Crown rust	4	Low

AHDB

RECOMMENDED

A husked variety

UK

KWS UK

01763 207300

kws-uk.com

## Grain yield (as % control)

Treated	99
Untreated	87

## Quality

Kernel content (%)	79.1	Good
Specific weight (kg/hl)	53.6	Medium
Screenings % through 2.0 mm	2.6	

## Agronomic features

Lodging resistance (1–9)	6	Medium
Height (cm)	108	Medium
Ripening (days +/- Firth)	-1	Early

## Disease resistance (1–9)

Mildew	7	Medium-high
Crown rust	[5]	Medium

AHDB

RECOMMENDED

A husked variety

UK

KWS UK

01763 207300

kws-uk.com

CR3/418 x Flamingsvita

Grain yield (as % control)		
Treated	96	
Untreated	81	
Quality		
Kernel content (%)	77.3	Good
Specific weight (kg/hl)	52.8	Medium
Screenings % through 2.0 mm	2.8	
Agronomic features		
Lodging resistance (1–9)	7	Medium–high
Height (cm)	108	Medium
Ripening (days +/- Firth)	0	Medium
Disease resistance (1–9)		
Mildew	6	Medium
Crown rust	4	Low



RECOMMENDED

A husked variety

UK

Senova

01223 890777

senova.uk.com

Banquo x Firth

Grain yield (as % control)		
Treated	95	
Untreated	84	
Quality		
Kernel content (%)	76.9	Good
Specific weight (kg/hl)	53.6	Medium
Screenings % through 2.0 mm	2.6	
Agronomic features		
Lodging resistance (1-9)	8	High
Height (cm)	113	Medium
Ripening (days +/- Firth)	-1	Early
Disease resistance (1-9)		
Mildew	7	Medium-high
Crown rust	4	Low



A candidate husked variety for the 2020 AHDB Recommended List

**KWS UK**

01763 207300

kws-uk.com

Previous name: WPB09W035-04

Grain yield (as % control)		
Treated	103	
Untreated	[88]	
Quality		
Kernel content (%)	[77.2]	Good
Specific weight (kg/hl)	[57.1]	Good
Screenings % through 2.0 mm	[1.5]	
Agronomic features		
Lodging resistance (1–9)	-	
Height (cm)	[117]	Medium
Ripening (days +/- Firth)	0	Medium
Disease resistance (1–9)		
Mildew	7	Medium–high
Crown rust	-	

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

Spring oat candidate data are directly comparable to data for the Recommended varieties.

AHDB

DESCRIBED

A described huskless  
(naked) variety

**P2 UK**

**Trevor Cope Seeds**

01529 309091

trevorcopeseeds.co.uk

Grain yield (as % control)		
Treated	74	
Untreated	60	
Quality		
Kernel content (%)	-	
Specific weight (kg/hl)	64.6	Good
Screenings % through 2.0 mm	[13.5]	
Agronomic features		
Lodging resistance (1–9)	7	Medium–high
Height (cm)	113	Medium
Ripening (days +/- Firth)	0	Medium
Disease resistance (1–9)		
Mildew	4	Low
Crown rust	[3]	Very low





A described huskless  
(naked) variety

**P2 UK**

**Trevor Cope Seeds**

01529 309091

trevorcopeseeds.co.uk

Grain yield (as % control)		
Treated	63	
Untreated	56	
Quality		
Kernel content (%)	-	
Specific weight (kg/hl)	67.4	Good
Screenings % through 2.0 mm	[8.0]	
Agronomic features		
Lodging resistance (1–9)	8	High
Height (cm)	116	Medium
Ripening (days +/- Firth)	0	Medium
Disease resistance (1–9)		
Mildew	5	Medium
Crown rust	[4]	Low



A candidate huskless (naked) variety for the 2020 AHDB Described List

## Senova

01223 890777

senova.uk.com

Previous name: 15056CN1/4

Grain yield (as % control)		
Treated	72	
Untreated	[59]	
Quality		
Kernel content (%)	-	
Specific weight (kg/hl)	[60.0]	Good
Screenings % through 2.0 mm	[7.8]	
Agronomic features		
Lodging resistance (1–9)	-	
Height (cm)	[110]	Medium
Ripening (days +/- Firth)	-1	Early
Disease resistance (1–9)		
Mildew	5	Medium
Crown rust	-	

Acknowledgement is made to APHA and BSPB for the use of data from National List trials.

Spring oat candidate data are directly comparable to data for the Recommended varieties.



Publication orders

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For specific Recommended Lists enquiries, please call **0247 693 5702**.

### Preliminary data

The selection of new varieties to promote into AHDB Recommended List trials is made on the basis of preliminary data collected during National List and other trials and tests and these data also make a major contribution to the variety means presented in the Recommended List tables. Acknowledgement is made to Defra and the devolved governments as well as BSPB for the use of these data.



### Processors

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