

Spring barley varieties grown in RL trials in 2024 but not added to the AHDB Recommended List

	H2024 candidate varieties										Variety no longer listed <sup>1</sup>	
	Firefox	Laureate	Skyway	LG Diablo	RGT Planet	LG Crossbow	Sailer	LG Interceptor	Admire	NOS Tucana	NOS Murno	Average LSD (6%)
	Control varieties					Malting varieties		Feed varieties			Suitable for feed	
<b>Fungicide-treated grain yield (% treated control)</b>												
United Kingdom (7.8 t/ha)	102	102	101	99	96	104	99	105	103	102	103	2.3
East region (8.0 t/ha)	102	101	101	100	96	105	99	106	102	101	103	3.0
West region (7.3 t/ha)	102	103	102	98	95	[105]	[102]	[105]	[104]	-	103	4.0
North region (8.1 t/ha)	102	101	101	100	96	103	97	104	102	101	103	2.6
<b>Untreated grain yield (% treated control)</b>												
United Kingdom (7.8 t/ha)	86	89	87	84	83	86	84	86	87	87	87	2.5
<b>Disease resistance</b>												
Mildew (1-9)	8	8	8	8	8	8	8	8	8	8	8	0.5
Brown rust (1-9)	4	5	4	4	4	3	5	4	4	4	5	0.8
Rhynchosporium (1-9)	6	7	7	5	5	5	5	5	5	5	5	1.4
Net blotch (1-9)	7	8	6	6	5	[5]	[8]	[6]	[8]	[8]	6	1.8
<b>Agronomic features</b>												
Resistance to lodging without PGR (1-9)	7	6	7	7	7	[7]	[7]	[7]	[7]	[7]	[7]	1.0
Straw length without PGR (cm)	71	70	76	72	74	69	72	72	69	71	72	1.5
Ripening (days +/- RGT Planet)	0	+1	+1	+3	0	+1	+1	+2	+2	0	+2	1.0
Resistance to brackling (1-9)	7	7	7	7	7	7	7	7	8	7	7	0.4
<b>Main market options</b>												
MBC malting approval for brewing use	-	F	F	F	F	T	-	Nt	Nt	Nt	-	-
MBC malting approval for malt distilling use	F	F	-	F	Nt	Nt	-	Nt	Nt	Nt	Nt	-
<b>Grain quality</b>												
Specific weight (kg/hl)	67.8	67.8	69.9	68.4	69.3	66.6	67.4	67.0	67.0	67.5	66.1	0.6
Screenings (% through 2.25 mm)	1.1	1.1	0.8	1.2	1.0	1.3	1.1	0.9	1.1	1.1	1.7	0.3
Screenings (% through 2.5 mm)	3.1	2.7	1.9	3.0	2.9	3.4	2.9	2.4	2.9	2.9	5.3	0.8
Nitrogen content (%)	[1.46]	1.48	1.51	1.48	1.50	1.46	1.49	1.42	1.49	1.46	1.44	0.05
<b>Breeder/UK contact</b>												
Breeder	Ack	SyP	NS	LimEur	RAGT	LimEur	Cal	LimEur	Ack	NS	NS	
UK contact	ElsAck	Syn	Agr	Lim	RAGT	Lim	ADM	Lim	ElsAck	Sen	Sen	

This table should be read in conjunction with the spring barley RL 2025. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance). Comparisons of varieties across regions are not valid.

<sup>1</sup> Varieties previously under test for malting, but not added to the MBC Approved List.

PGR = Plant growth regulator  
[ ] = Limited data

MBC = Malting Barley Committee  
F = Full MBC approval in this segment  
T = Under test for MBC approval in this segment  
Nt = Not approved by MBC in this segment

LSD = Least significant difference  
Average LSD (5%): varieties that are more than one LSD apart are significantly different at the 5% confidence level

Ack = Ackermann Saatzucht GmbH ([sz-ackermann.de](http://sz-ackermann.de))  
ADM = ADM Agriculture Ltd ([adm-agri.co.uk](http://adm-agri.co.uk))  
Agr = Agrii ([agrii.co.uk](http://agrii.co.uk))  
Cal = Carlsberg Research Laboratory

ElsAck = Elsoms Ackermann Barley ([elsoms.com](http://elsoms.com))  
Lim = Limagrain UK ([lgseeds.co.uk](http://lgseeds.co.uk))  
LimEur = Limagrain Europe SA ([lgseeds.co.uk](http://lgseeds.co.uk))

NS = Nordic Seed, Denmark ([nordicseed.com](http://nordicseed.com))  
RAGT = RAGT Seeds ([ragt.co.uk](http://ragt.co.uk))

Sen = Senova ([senova.uk.com](http://senova.uk.com))  
Syn = Syngenta UK Ltd ([syngenta.co.uk](http://syngenta.co.uk))  
SyP = Syngenta Participations AG ([syngenta.co.uk](http://syngenta.co.uk))