

Spring barley trials harvest 2022

Candidate varieties



Previous/proposed name	Variety ID	Yield treated (T)	Yield untreated (UT) (% treated control)	Lodging % (UT)	Lodging % (T)	Height (cm) (UT)	Maturity (days +/- RGT Planet)	Brackling % (T)	Mildew (1-9)	Brown rust (1-9)	Rhynchosporium (1-9)	Specific weight (kg/hl)	UK contact	
Control varieties														
Propino	NFC 406-119	2336	95	81	[10]	3	74	0	29	6	5	7	69.0	Syngenta UK Ltd
RGT Planet	LSB0769-3306	2691	98	86	[9]	4	74	0	27	8	5	5	69.0	RAGT Seeds
Laureate	SY412-328	2780	103	92	[21]	6	70	0	24	9	5	5	67.4	Syngenta UK Ltd
LG Diablo	LGBU13-1624-A	2907	102	90	[17]	4	72	+2	18	9	5	5	67.8	Limagrain UK
Cosmopolitan	SJ152037	3003	102	90	[10]	7	71	0	24	9	4	6	67.4	Senova
Selected as potential malting varieties														
SY Tennyson	SY419544	3377	106	91	[18]	[2]	[70]	[+1]	[30]	8	4	-	66.8	Syngenta UK Ltd
Florence	BR13773AZ3	3353	106	93	[4]	[2]	[71]	[-1]	[11]	8	5	-	68.0	Senova
KWS Curtis	KWS192073	3356	105	93	[6]	[2]	[69]	[0]	[13]	8	4	-	67.8	KWS UK
SY Signet	SY419542	3376	105	92	[6]	[3]	[71]	[+1]	[28]	8	4	-	67.6	Syngenta UK Ltd
Diviner	SC58707W	3342	105	92	[9]	[2]	[67]	[+1]	[19]	8	5	-	68.4	Agrii
LG Mulgrave	LGBU18-1560-A	3371	Data cannot be published as variety has not completed National List testing										Limagrain UK	
RGT Starlight	RP19013	3345	103	91	[36]	[4]	[69]	[0]	[20]	8	6	-	67.3	RAGT Seeds
Trent	NOS114.171-07	3363	103	[92]	[4]	[2]	[67]	[-2]	[25]	8	6	-	67.6	Agrovista UK Ltd
SY Jewel	SY419554	3378	Data cannot be published as variety has not completed National List testing										Syngenta UK Ltd	
Maronis	KW419531	3360	103	92	[28]	[12]	[72]	[+2]	[22]	9	6	-	67.5	KWS UK
Sun King	SC53421W	3340	103	91	[4]	[2]	[72]	[+1]	[15]	8	6	-	67.8	Agrii
LG Flamenco	LGBN16509-4	3352	103	89	[4]	[2]	[68]	[0]	[18]	7	5	-	67.9	Limagrain UK
LG Loxstar	LGBU18-1301-A	3372	Data cannot be published as variety has not completed National List testing										Limagrain UK	
Selected as potential feed varieties														
Hurler	SC57357W	3341	107	[92]	[4]	[1]	[67]	[+1]	[17]	8	6	-	66.6	Agrii
Mean of controls (t/ha)			7.7	7.7	-	-	-	142	-	-	-	-	-	-
Overall mean			-	-	-	-	72	-	23.4	-	-	-	67.9	-
LSD 5%			3.3	3.4	-	-	2.9	1.3	11.9	-	-	-	0.7	-
Number of trials (for candidate varieties)			18	10	2	6	4	5	7	-	-	-	10	-

On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

The 1-9 ratings are not comparable to those used on the Recommended List table.

Rhynchosporium (1-9) ratings are not presented as there were no ratings for the candidate varieties.

See the AHDB Recommended List for full data on control varieties.

Candidate varieties will be considered for the 2023 AHDB Recommended List.

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

T = Data from trials treated with fungicide

UT = Data from trials without fungicide or Plant growth regulator (PGR)

[] = Limited data

LSD = Least significant difference

LSD 5%: Varieties that are more than one LSD apart are significantly different at the 95% confidence level