

Spring barley trials harvest 2023

Candidate varieties



Previous/proposed name	Variety ID	Yield treated (T)	Yield treated (T) - East	Yield treated (T) - West	Yield treated (T) - North	Yield untreated (UT) (% treated control)	Lodging % (UT)	Lodging % (T)	Straw length (cm) (UT)	Ripening (days +/- RGT Planet)	Brackling % (T)	Specific weight (kg/ha)	Mildew (1-9)	Brown rust (1-9)	Rhynchosporium (1-9)	UK contact	
Control varieties																	
Propino	NFC 406-119	2336	95	95	95	79	-	[1]	76	0	11	69.9	6	5	7	Syngenta UK Ltd	
RGT Planet	LSB0769-3306	2691	98	100	97	85	-	[2]	77	0	9	70.1	8	5	6	RAGT Seeds	
Laureate	SY412-328	2780	103	103	104	103	-	[4]	74	+1	13	68.0	9	5	7	Syngenta UK Ltd	
LG Diablo	LGBU13-1624-A	2907	101	101	101	101	-	[3]	75	+2	7	68.9	9	5	6	Limagrain UK	
SY Tungsten	SY416728	3068	103	102	103	103	-	[1]	76	+1	11	69.2	9	4	4	Syngenta UK Ltd	
Selected as potential malting varieties																	
Bounty	NOS115.043-06	3453	109	[109]	[109]	[108]	91	-	[1]	72	[+2]	[15]	66	9	3	5	Agrovista UK Ltd
NOS Munro	NOS115.165-07	3427	106	[105]	[108]	[104]	90	-	[1]	74	[+1]	[8]	67	8	5	5	Senova
Belter	SC70555X	3451	105	[105]	[107]	[104]	91	-	[1]	71	[+1]	[7]	69	8	5	5	Agrii
LG Aquarius	LGBU19-4296-DA	3441	105	[107]	[105]	[103]	90	-	[0]	72	[+1]	[6]	69	9	3	5	Limagrain UK
KWS Premis	KWS18/3518	3458	Data cannot be published as variety has not completed National List testing													KWS UK	
RGT Celest	RP19033	3430	105	[104]	[105]	[105]	90	-	[1]	68	[+1]	[10]	67	8	4	5	RAGT Seeds
KWS Nelis	KWS203748	3466	105	[105]	[102]	[105]	90	-	[2]	72	[+1]	[15]	69	9	4	5	KWS UK
NOS Gambit	NOS114.299-14	3428	105	[106]	[106]	[102]	91	-	[2]	71	[+1]	[9]	69	8	5	5	Senova
Olsen	SJ203517	3444	104	[105]	[103]	[104]	91	-	[1]	75	[+2]	[7]	68	9	4	5	Limagrain UK
Rocker	SC70494X	3447	104	[104]	[102]	[104]	88	-	[6]	71	[+2]	[6]	68	8	4	5	Agrii
RGT Eclipse	RP20025	3432	103	[102]	[104]	[103]	90	-	[2]	74	[0]	[8]	69	9	4	5	RAGT Seeds
Mean of controls (t/ha)			7.9	7.8	8.0	7.9	7.9	-	-	-	137	-	-	-	-	-	
Overall mean			-	-	-	-	-	-	-	74	-	2.3	68.7	-	-	-	
LSD 5%			3.7	3.6	4.8	3.0	3.7	-	1.7	2.5	1.1	0.6	0.8	-	-	-	
Number of trials (for candidate varieties)			19	6	4	9	10	-	5	9	6	9	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 RL table.

Lodging % (UT) data are not presented due to lack of data.

See the AHDB RL for full data on control varieties.

Candidate varieties will be considered for the RL 2024.

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

Bounty has been added to the GB and NI Variety Lists (VL). Approval of the name 'Bounty' will be confirmed in January 2024, provided no representations are received.

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