AHDBRECOMMENDEDLISTSSpring barley trials harvest 2024

Candidate varieties

Control varieties RGT Planet USE VAT2-328 2691 97 97 98 8 4 6 - 74 0 9 68.5 RAGT Seeds Laureate SY412-328 270 19 9 96 7 - 74 0 9 68.5 RAGT Seeds Laureate SY412-328 280 101 102	CANDIDATE	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)	Mildew (1–9)	Brown rust (1–9)	Rhynchosporium (1–9)	Lodging % (UT)	Lodging % (T)	Straw length (cm) (UT)	Ripening (days +/- RGT Planet)	Brackling % (T)	Specific weight (kg/hl)	UK contact
Laureate SY412-328 2780 101 101 104 100 89 9 5 7 - 70 +2 9 67.8 Syngenta UK Ltd LG Diablo LGBU13-1624-A 2907 99 99 96 100 83 8 5 6 - - 72 +3 6 68.7 Limagrain UK Signed 102 102 102 102 86 8 4 6 - - 71 +1 6 68.7 Limagrain UK Selected as potential malting varieties 5 5 6 - - 76 +1 12 70.0 Agrii Filecrack SC21-C287-046 3529 Data cannot be published as variety has not completed GB and NI Variety Lists testing Agrii Agrii Ptarmigan SC21-C387-046 3530 D02 1003 [103] [104] [103] 89 9 4 7 - 73 [+1] 7 69.3 Agrii Admire AC18778/13 3538 102 [103]																		
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Skyway NOS112.430-22 3206 101 102 103 101 86 8 4 7 - 76 +1 12 70.0 Agrii Selected as potential malting varieties Firecracker SC21-G287-046 3529 Data cannot be published as variety has not completed GB and NI Variety Lists testing Agrii Ptarmigan SC21-G287-046 3531 103 [103] [104] [103] 89 9 4 7 - 73 [+1] 7 69.3 Agrii Ptarmigan SC21-G287-046 3531 103 [104] [103] 89 9 4 7 - 73 [+1] 7 69.3 Agrii Admire A (18778/31) 3538 102 [100] [103] [101] 91 8 5 7 - 70 [+2] 6 67.7 Elsoms Ackermann Barley KWS Enduris KWs 20/3443 3544 102 [102] 87 9 4 7 - 72 [+2] 5 67.4 Limagrain UK <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td>									-	-	-	-	-		-	-		
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Firecracker SC21-6287-046 3529 Data cannot be published as variety has not completed GB and NI Variety Lists testing Agrii Thunder SC21-6287-086 3530 Data cannot be published as variety has not completed GB and NI Variety Lists testing Agrii Ptarmigan SC21-6287-086 3531 103 [103] [104] [103] 89 9 4 7 - 73 [+1] 7 69.3 Agrii Admire AC 18/778/31 3538 102 [100] [101] 89 9 4 7 - 70 [+2] 6 67.7 Elsoms Ackermann Barley KWS Enduris KWS 20/3443 3544 102 [100] [102] 87 8 3 7 - 76 [+1] 7 66.9 Limagrain UK LG crossbow LGBU21-3131-A 3555 105 [106] [103] 87 9 4 6 - 71 [+1] 7 66.9 Limagrain UK Nolan SJ204211 3567 105 [101] [101] 87 9 6 7				101	102	103	101	86	8	4	7	-	-	76	+1	12	70.0	Agrii
Thunder SC21-G287-086 3530 Data cannot be published as variety has not completed GB and NI Variety Lists testing Agrii Ptarmigan SC21-G328-040 3531 103 [103] [104] [103] 89 9 4 7 - 73 [+1] 7 69.3 Agrii Admire AC 18/778/31 3538 102 [100] [102] 88 9 4 7 - 73 [+1] 7 69.3 Agrii KWS Enduris KWS 20/3443 3544 102 [102] [103] [101] 91 8 5 7 - 76 [+1] 7 69.3 AKWS UK LG Crossbow LGBU21-3131-A 3553 103 [104] [105] [102] 87 8 3 7 - 768 [+1] 7 66.9 Limagrain UK LG Crossbow LGBU21-3154-A 3555 105 [106] [106] [103] 87 9 4 6 - 71 [+1] 9 67.7 Senova NOS116.025-03 <t< td=""><td></td><td>malting varieties</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		malting varieties																
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LG Interceptor LGBU21-3154-A 3555 105 106 106 103 87 9 4 7 - - 72 [+2] 5 67.4 Limagrain UK NOS Tucana NOS116.025-03 3565 101 [101] [107] [99] 87 9 4 6 - - 71 [+1] 9 67.7 Senova Nolan SJ204211 3567 Data cannot be published as variety has not completed GB and NI Variety Lists testing Senova SY Arrow SY421164 3571 102 [103] [101] 86 9 6 7 - 74 [+1] 11 68.1 Syngenta UK Ltd Described candidate varieties Variety Sister	KWS Enduris	KWS 20/3443	3544	102	[102]	[103]	[101]	91	8	5	7	-	-	76	[+1]	6	68.3	KWS UK
NOS Tucana NOS116.025-03 3565 101 [107] [99] 87 9 4 6 - - 71 [11] 9 67.7 Senova Nolan SJ204211 3567 Data cannot be published as variety has not completed GB and NI Variety Lists testing Senova SY Arrow SY421164 3571 102 [103] [101] 86 9 6 7 - 74 [+1] 11 68.1 Syngenta UK Ltd Described candidate varieties Varieties Variety Lists testing Variety Lists Va	LG Crossbow	LGBU21-3131-A	3553	103	[104]	[105]	[102]	87	8	3	7	-	-	68	[+1]	7	66.9	Limagrain UK
Nolan SJ204211 3567 Data cannot be published as variety has not completed GB and NI Variety Lists testing Senova SY Arrow SY421164 3571 102 [103] [101] 86 9 6 7 - - 74 [+1] 11 68.1 Syngenta UK Ltd Described candidate varieties Variety and the published as variety has not completed GB and NI Variety Lists testing Senova Sailer CB20-0937 3524 97 [98] [102] [96] 84 8 5 6 - - 73 [+1] 11 68.1 Syngenta UK Ltd Sailer CB20-0937 3524 97 [98] [102] [96] 84 8 5 6 - - 73 [+1] 11 67.6 ADM Agriculture Ltd Mean of controls (t/ha) 7.9 8.2 6.8 8.2 7.9 -	LG Interceptor	LGBU21-3154-A	3555	105	[106]	[106]	[103]	87	9	4	7	-	-	72	[+2]	5	67.4	Limagrain UK
SY Arrow SY421164 3571 102 [103] [101] 86 9 6 7 - 74 [+1] 11 68.1 Syngenta UK Ltd Described candidate varieties - - 74 [+1] 11 68.1 Syngenta UK Ltd Sailer CB20-0937 3524 97 [98] [102] [96] 84 8 5 6 - - 73 [+1] 11 67.6 ADM Agriculture Ltd Mean of controls (t/ha) 7.9 8.2 6.8 8.2 7.9 - <td>NOS Tucana</td> <td>NOS116.025-03</td> <td>3565</td> <td>101</td> <td>[101]</td> <td>[107]</td> <td>[99]</td> <td>87</td> <td>9</td> <td>4</td> <td>6</td> <td>-</td> <td>-</td> <td>71</td> <td>[+1]</td> <td>9</td> <td>67.7</td> <td>Senova</td>	NOS Tucana	NOS116.025-03	3565	101	[101]	[107]	[99]	87	9	4	6	-	-	71	[+1]	9	67.7	Senova
Described candidate varieties CB20-0937 3524 97 [98] [102] [96] 84 8 5 6 - - 73 [+1] 11 67.6 ADM Agriculture Ltd Mean of controls (t/ha) 7.9 8.2 6.8 8.2 7.9 - </td <td>Nolan</td> <td>SJ204211</td> <td>3567</td> <td></td> <td></td> <td>Data o</td> <td>cannot be</td> <td>e publishe</td> <td>d as varie</td> <td>ety has no</td> <td>ot comple</td> <td>ted GB ar</td> <td>d NI Vari</td> <td>ety Lists</td> <td>testing</td> <td></td> <td></td> <td>Senova</td>	Nolan	SJ204211	3567			Data o	cannot be	e publishe	d as varie	ety has no	ot comple	ted GB ar	d NI Vari	ety Lists	testing			Senova
Sailer CB20-0937 3524 97 [98] [102] [96] 84 8 5 6 - - 73 [+1] 11 67.6 ADM Agriculture Ltd Mean of controls (t/ha) 7.9 8.2 6.8 8.2 7.9 - 1.9 1.2 -<	SY Arrow	SY421164	3571	102	[103]	[103]	[101]	86	9	6	7	-	-	74	[+1]	11	68.1	Syngenta UK Ltd
Mean of controls (t/ha) 7.9 8.2 6.8 8.2 7.9 - - -	Described candidate	varieties																
Overall mean - - - - - - 71 132 21 68.2 LSD 5% 2.8 3.5 5.8 2.8 3.5 - - - 71 132 21 68.2	Sailer	CB20-0937	3524	97	[98]	[102]	[96]	84	8	5	6	-	-	73	[+1]	11	67.6	ADM Agriculture Ltd
Overall mean - - - - - - 71 132 21 68.2 LSD 5% 2.8 3.5 5.8 2.8 3.5 - - - 71 132 21 68.2																		
Overall mean - - - - - - 71 132 21 68.2 LSD 5% 2.8 3.5 5.8 2.8 3.5 - - - 71 132 21 68.2	Mean of controls (t/ha)			7.9	8.2	6.8	8.2	7.9	-	-	-			-	-	-	-	
LSD 5% 2.8 3.5 5.8 2.8 3.5 1.9 1.2 - 0.9				-					-	-	-	-	-	71	132	21	68.2	
	LSD 5%			2.8	3.5	5.8	2.8	3.5	-	-	-	-	-	1.9		-		
	Number of trials (for candidate varieties)		18	6	3	9	12	-	-	-	-	-	12	6	11	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 in the RL table.

Lodging % data is 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 2025.

Sailer lacks a gene for lipogenase production (a Null-Lox variety).

These summaries are derived from GB and NI Variety Lists (VL) and BSPB trials. Acknowledgement is made to APHA and BSPB for the use of the data. Varieties are ordered within a group by ascending variety ID.

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

ls
Ltd
IK
n Barley