

2027 FORAGE MAIZE DESCRIPTIVE LIST

First choice short to mid season varieties (ranked in dry matter yield order)

VARIETY	Dry matter content at harvest (%)	Dry matter yield (t/ha)	Dry matter yield (% of 4 & 5 year varieties)	No of trials for dry matter yield	ME of fresh plant at harvest (MJ/kg dry matter)	ME yield of fresh plant at harvest (1000s MJ/ha)	Starch content of whole plant at harvest (%)	Starch yield of whole plant at harvest (t/ha)	Cell wall digestibility (%)	Early vigour (1-9)	Standing power at harvest (root lodging) (1-9)	Lodging (%) #	% of trials where lodging occurred	Brackling (%) #	No of incidences of brackling	Leaf senescence (1-9)	Eyespot rating (1-9)	Year first listed	Agent
KWS TEMPRANO	41.6	16.3	91	20	11.77	192	39.8	6.51	56.7	7.0	7.9	0.9	77	1.3	7	3.8	4.9	2024	KWS
KWS GISO	41.3	17.2	96	10	11.66	201	39.2	6.75	55.8	7.0	7.7	1.2	67	0.6	8	4.3	6.1	2026	KWS
LG31152	40.9	17.7	98	12	11.58	205	37.0	6.56	56.4	7.2	7.7	1.2	67	0.4	7	5.3	5.7	2025	LIMAGRAIN
GEMA	39.6	16.9	94	23	11.68	197	38.4	6.48	56.8	6.7	7.5	1.5	80	0.7	9	5.7	6.4	2021	LIMAGRAIN
DUKE	39.5	17.1	95	19	11.91	203	39.0	6.65	57.9	7.0	7.7	1.2	92	0.4	7	5.6	6.6	2024	LIMAGRAIN
KWS PORTABELLO	39.0	17.4	96	12	11.73	204	38.5	6.70	57.1	7.4	8.0	0.5	78	1.7	7	5.6	6.4	2025	KWS
KWS CALVINI	38.6	17.8	99	24	11.76	209	37.4	6.65	57.6	7.1	8.0	0.6	80	1.4	9	5.1	7.2	2019	KWS
RGT DUXFORD	38.4	17.6	98	10	11.62	205	36.3	6.39	57.2	6.8	7.9	0.7	67	0.8	8	6.0	2.3	2026	RAGT
KWS REO	38.2	18.7	104	12	11.69	219	38.0	7.11	56.7	7.2	7.8	1.1	67	0.8	7	5.5	6.0	2025	KWS
KWS EXELON	37.4	17.8	99	24	11.84	211	37.2	6.62	57.9	7.0	7.7	1.2	93	0.9	9	6.3	8.1	2021	KWS
SKIPPER	37.1	18.0	100	24	11.72	211	36.6	6.60	57.5	7.1	8.1	0.5	56	0.5	11	6.7	2.6	2023	LIMAGRAIN
FAITH	36.9	18.3	101	25	11.63	212	35.3	6.44	57.4	7.3	8.0	0.6	63	0.5	11	6.1	2.9	2023	GRAINSEED
FOXTROT	36.8	18.3	101	23	11.72	215	35.8	6.55	57.5	7.2	7.5	1.5	81	0.5	11	6.9	2.1	2023	LIMAGRAIN
PROSPECT	36.8	18.0	100	36	11.80	212	36.6	6.57	58.1	7.0	7.9	0.8	75	0.3	17	6.8	7.6	2019	LIMAGRAIN
DIGNITY	36.6	18.3	101	25	11.68	213	35.0	6.38	58.0	7.2	7.9	0.8	63	0.6	10	6.2	1.9	2022	LIMAGRAIN
SAXON	36.5	18.7	104	25	11.64	217	34.2	6.39	57.5	7.5	7.6	1.4	75	0.9	10	6.2	2.4	2022	LIMAGRAIN
KWS PASCO	36.3	17.9	99	61	11.68	209	35.9	6.43	57.2	6.8	7.8	0.9	73	1.8	32	6.2	8.1	2022	KWS
PROMISE	36.1	18.3	102	24	11.60	212	34.1	6.25	57.7	7.0	7.7	1.1	80	0.8	9	6.3	1.9	2024	LIMAGRAIN
LG HIGHLIGHT	35.9	19.0	106	13	11.55	220	33.6	6.39	57.5	6.7	8.2	0.3	40	0.1	9	7.0	6.9	2026	LIMAGRAIN
KATELEGO	35.1	19.0	105	11	11.66	222	35.6	6.77	57.8	7.0	7.7	1.1	63	0.7	8	6.6	6.3	2026	KWS
ABILITY	34.9	18.2	101	37	11.63	211	34.0	6.18	57.9	7.3	8.1	0.4	45	0.2	13	6.8	5.8	2020	DLF
KWS MARCOPOLO	34.9	18.4	102	11	11.52	211	34.6	6.34	57.2	6.8	6.9	2.6	88	0.4	8	6.5	6.3	2026	KWS
MAS 075B	34.8	17.9	99	29	11.84	211	35.0	6.25	59.6	7.0	7.6	1.4	69	0.3	10	6.5	6.2	2024	BRIGHT
BONNIE	34.7	17.9	99	89	11.76	210	35.4	6.33	58.4	7.3	8.0	0.6	57	0.3	38	7.2	5.9	2017	GRAINSEED
KWS ZIMO	34.7	19.0	105	16	11.79	224	36.2	6.86	58.3	7.1	7.9	0.8	50	0.4	8	6.7	6.1	2025	KWS
Trial statistics																			
Mean of 4&5 year varieties	35.6	18.0	100	-	11.59	209	34.3	6.19	57.5	7.0	7.8	0.9	-	0.5	-	6.4	5.7	-	-
LSD (V.Cont)	1.05	0.54	3.0	-	0.150	-	1.38	-	0.84	0.31	-	-	-	-	-	0.46	-	-	-
SE (variety mean)	0.529	0.274	1.52	-	0.0758	-	0.695	-	0.424	0.156	-	-	-	-	-	0.232	-	-	-

Varities in bold signify candidates.

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

Notes:

- indicates no data available

[] = only 1 year of data available

ME is calculated as D-value $\times 0.16$

= values are re-transformed from the mean of the log data

Standing Power (1-9) has been calculated so that a variety that shows significantly more (at 99%) lodging than the mean of the 4 & 5 year varieties receives a score of less than 7.0. This is equivalent to 2.6% lodging.

Eyespot rating derived from inoculated nurseries rather than field scores

Full data at www.bspb.co.uk



With thanks to the Maize Growers Association for part-funding the eyespot assessments

2027 FORAGE MAIZE DESCRIPTIVE LIST

Second choice short to mid season varieties (ranked in dry matter yield order)

VARIETY	Dry matter content at harvest (%)	Dry matter yield (t/ha)	Dry matter yield (% of 4 & 5 year varieties)	No of trials for dry matter yield	ME of fresh plant at harvest (MJ/kg dry matter)	ME yield of fresh plant at harvest ('000s MJ/ha)	Starch content of whole plant at harvest (%)	Starch yield of whole plant at harvest (t/ha)	Cell wall digestibility (%)	Early vigour (1-9)	Standing power at harvest (root lodging) (1-9)	Lodging (%) #	% of trials where lodging occurred	Brackling (%) #	No of incidences of brackling	Leaf senescence (1-9)	Eyespot rating (1-9)	Year first listed	Agent
KWS LETO	40.6	16.5	91	20	11.50	189	38.7	6.37	55.2	7.0	7.7	1.2	69	1.1	7	3.7	5.1	2024	KWS
RGT DUXXBURY	39.6	16.2	90	24	11.72	190	37.6	6.08	57.5	6.9	8.3	0.1	47	0.4	9	5.2	4.6	2018	RAGT
AMBITION	36.8	17.6	97	36	11.59	204	35.8	6.29	56.8	7.4	8.1	0.5	74	0.3	12	6.3	6.1	2012	LIMAGRAIN
HARMONY	36.2	18.6	103	13	11.43	212	33.8	6.28	56.3	7.2	7.1	2.3	80	0.5	8	6.7	5.3	2025	LIMAGRAIN
DKC2742	35.5	19.0	105	17	11.41	217	31.7	6.02	56.7	6.7	8.0	0.6	58	0.3	9	6.6	6.7	2025	BAYER
LIKEIT	34.7	17.2	96	33	11.62	200	34.5	5.95	57.4	7.0	8.1	0.5	44	0.7	12	6.2	3.5	2018	DSV
ES MYRDAL	34.6	18.8	104	36	11.32	213	30.7	5.78	56.6	7.2	7.7	1.2	55	0.5	13	6.8	6.6	2022	GRAINSEED
Trial statistics																			
Mean of 4&5 year varieties	35.6	18.0	100	-	11.59	209	34.3	6.19	57.5	7.0	7.8	0.9	-	0.5	-	6.4	5.7	-	-
LSD (V.Cont)	1.05	0.54	3.0	-	0.150	-	1.38	-	0.84	0.31	-	-	-	-	-	0.46	-	-	-
SE (variety mean)	0.529	0.274	1.52	-	0.0758	-	0.695	-	0.424	0.156	-	-	-	-	-	0.232	-	-	-

Varities in bold signify candidates.

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

Notes:

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= values are re-transformed from the mean of the log data

Standing Power (1-9) has been calculated so that a variety that shows significantly more (at 99%) lodging than the mean of the 4 & 5 year varieties receives a score of less than 7.0. This is equivalent to 2.6% lodging.

Eyespot rating derived from inoculated nurseries rather than field scores

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With thanks to the Maize Growers Association for part-funding the eyespot assessments

2027 FORAGE MAIZE DESCRIPTIVE LIST

First choice mid to long season varieties (ranked in dry matter content order)

VARIETY	Dry matter content at harvest (%)	Dry matter yield (t/ha)	Dry matter yield (% of 4 & 5 year varieties)	No of trials for dry matter yield	ME of fresh plant at harvest (MJ/kg dry matter)	ME yield of fresh plant at harvest ('000s MJ/ha)	Starch content of whole plant at harvest (%)	Starch yield of whole plant at harvest (t/ha)	Cell wall digestibility (%)	Early vigour (1-9)	Standing power at harvest (root lodging) (1-9)	Lodging (%) #	% of trials where lodging occurred	Brackling (%) #	No of incidences of brackling	Leaf senescence (1-9)	Eyespot rating (1-9)	Year first listed	Agent
DIGNITY	36.6	18.3	101	25	11.68	213	35.0	6.38	58.0	7.2	7.9	0.8	63	0.6	10	6.2	1.9	2022	LIMAGRAIN
SAXON	36.5	18.7	104	25	11.64	217	34.2	6.39	57.5	7.5	7.6	1.4	75	0.9	10	6.2	2.4	2022	LIMAGRAIN
KWS PASCO	36.3	17.9	99	61	11.68	209	35.9	6.43	57.2	6.8	7.8	0.9	73	1.8	32	6.2	8.1	2022	KWS
PROMISE	36.1	18.3	102	24	11.60	212	34.1	6.25	57.7	7.0	7.7	1.1	80	0.8	9	6.3	1.9	2024	LIMAGRAIN
LG HIGHLIGHT	35.9	19.0	106	13	11.55	220	33.6	6.39	57.5	6.7	8.2	0.3	40	0.1	9	7.0	6.9	2026	LIMAGRAIN
KATELEGO	35.1	19.0	105	11	11.66	222	35.6	6.77	57.8	7.0	7.7	1.1	63	0.7	8	6.6	6.3	2026	KWS
ABILITY	34.9	18.2	101	37	11.63	211	34.0	6.18	57.9	7.3	8.1	0.4	45	0.2	13	6.8	5.8	2020	DLF
KWS MARCOPOLLO	34.9	18.4	102	11	11.52	211	34.6	6.34	57.2	6.8	6.9	2.6	88	0.4	8	6.5	6.3	2026	KWS
MAS 075B	34.8	17.9	99	29	11.84	211	35.0	6.25	59.6	7.0	7.6	1.4	69	0.3	10	6.5	6.2	2024	BRIGHT
BONNIE	34.7	17.9	99	89	11.76	210	35.4	6.33	58.4	7.3	8.0	0.6	57	0.3	38	7.2	5.9	2017	GRAINSEED
KWS ZIMO	34.7	19.0	105	16	11.79	224	36.2	6.86	58.3	7.1	7.9	0.8	50	0.4	8	6.7	6.1	2025	KWS
CONCLUSION	34.4	18.1	101	72	11.76	213	35.0	6.34	58.7	7.3	8.0	0.6	56	0.2	35	7.0	3.9	2020	LIMAGRAIN
STARLORD	34.4	18.0	100	29	11.81	212	34.5	6.20	59.6	6.8	7.4	1.7	75	0.5	10	6.4	7.8	2024	BRIGHT
RESOLUTE	34.1	18.1	101	37	11.59	210	34.2	6.19	57.3	7.2	7.8	1.0	50	0.4	13	7.0	2.4	2020	LIMAGRAIN
KWS ANASTASIO	34.1	18.5	102	29	11.59	214	33.9	6.26	57.2	7.2	7.8	0.9	69	0.5	10	7.0	7.6	2022	KWS
DKC2644	34.0	19.4	108	12	11.39	221	32.2	6.25	56.8	6.4	7.6	1.4	67	0.4	8	7.0	6.3	2026	BAYER
AGROLINO	33.8	18.5	103	16	11.75	217	34.8	6.45	58.7	6.8	7.7	1.2	63	0.6	8	6.6	6.4	2025	KWS
LG31205	33.7	18.1	100	16	11.51	208	33.2	5.99	56.9	6.7	7.6	1.4	50	0.5	4	7.0	8.2	2018	LIMAGRAIN
LG31206	33.7	18.8	104	16	11.64	219	32.6	6.13	58.6	7.1	7.4	1.8	78	0.1	7	7.2	4.0	2025	LIMAGRAIN
JUSTICE	33.5	18.5	102	24	11.47	212	32.5	6.00	57.3	6.9	7.9	0.7	64	0.2	9	6.6	8.6	2024	GRAINSEED
PAPAGENO	33.4	18.5	103	22	11.67	216	33.7	6.25	58.0	6.8	7.5	1.5	75	0.7	8	7.1	7.0	2024	KWS
CLIFFORD	33.2	18.1	101	19	11.46	208	32.9	5.96	57.0	7.1	8.1	0.5	27	0.7	8	7.0	7.4	2025	BRIGHT
SU ADDITION	33.1	19.0	105	17	11.43	217	31.4	5.95	57.2	7.0	7.9	0.9	67	0.4	7	7.1	4.5	2025	SU/ELSOMS
WESLEY	32.6	19.2	106	13	11.39	219	31.3	6.01	57.1	7.0	7.7	1.1	78	0.2	9	7.2	6.5	2026	GRAINSEED
JAKLEEN	31.4	19.5	108	14	11.38	221	29.7	5.78	57.4	6.8	7.4	1.8	86	0.2	3	7.2	6.2	2024	GRAINSEED
KWS PLUVIO	31.3	19.4	108	16	11.35	220	31.5	6.10	55.9	7.2	7.7	1.1	75	0.2	9	7.4	6.0	2026	KWS
REVELATION	31.2	18.9	105	13	11.60	219	30.6	5.76	58.9	7.1	7.6	1.3	78	0.3	9	7.6	5.2	2026	GRAINSEED
KWS NORENTA	30.9	19.1	106	16	11.25	215	29.6	5.64	56.5	7.0	7.8	1.0	75	0.3	9	7.1	6.8	2026	KWS
ES PALLADIUM	30.4	19.3	107	21	11.43	220	28.3	5.45	58.3	7.2	7.4	1.7	73	0.3	9	7.1	5.1	2023	GRAINSEED
Trial statistics																			
Mean of 4&5 year varieties	35.6	18.0	100	-	11.59	209	34.3	6.19	57.5	7.0	7.8	0.9	-	0.5	-	6.4	5.7	-	-
LSD (V.Cont)	1.05	0.54	3.0	-	0.150	-	1.38	-	0.84	0.31	-	-	-	-	-	0.46	-	-	-
SE (variety mean)	0.529	0.274	1.52	-	0.0758	-	0.695	-	0.424	0.156	-	-	-	-	-	0.232	-	-	-

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 Eyespot rating derived from inoculated nurseries rather than field scores

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VARIETY	Dry matter content at harvest (%)	Dry matter yield (t/ha)	Dry matter yield (% of 4 & 5 year varieties)	No of trials for dry matter yield	ME of fresh plant at harvest (MJ/kg dry matter)	ME yield of fresh plant at harvest ('000s MJ/ha)	Starch content of whole plant at harvest (%)	Starch yield of whole plant at harvest (t/ha)	Cell wall digestibility (%)	Early vigour (1-9)	Standing power at harvest (root lodging) (1-9)	Lodging (%) #	% of trials where lodging occurred	Brackling (%) #	No of incidences of brackling	Leaf senescence (1-9)	Eyespot rating (1-9)	Year first listed	Agent
HARMONY	36.2	18.6	103	13	11.43	212	33.8	6.28	56.3	7.2	7.1	2.3	80	0.5	8	6.7	5.3	2025	LIMAGRAIN
RGT PIXXON	36.2	17.9	99	24	11.59	207	33.2	5.94	58.2	6.9	8.0	0.5	75	0.5	10	6.9	7.1	2022	RAGT
DKC2742	35.5	19.0	105	17	11.41	217	31.7	6.02	56.7	6.7	8.0	0.6	58	0.3	9	6.6	6.7	2025	BAYER
LIKEIT	34.7	17.2	96	33	11.62	200	34.5	5.95	57.4	7.0	8.1	0.5	44	0.7	12	6.2	3.5	2018	DSV
ES MYRDAL	34.6	18.8	104	36	11.32	213	30.7	5.78	56.6	7.2	7.7	1.2	55	0.5	13	6.8	6.6	2022	GRAINSEED
LG31208	33.6	19.0	105	12	11.38	216	30.7	5.81	57.0	7.4	8.0	0.6	56	0.1	8	6.8	6.6	2026	LIMAGRAIN
EMELEN	33.5	18.6	103	27	11.47	213	31.5	5.83	57.4	6.9	7.7	1.2	63	0.2	11	6.8	8.2	2023	GRAINSEED
BAKERSFIELD	33.1	18.5	102	12	11.46	211	31.0	5.72	57.4	7.0	6.9	2.6	78	0.2	8	7.4	5.2	2026	LIDEA
LG31207	33.1	18.7	104	35	11.38	213	31.1	5.81	56.9	7.3	7.9	0.8	55	0.2	11	6.9	8.7	2023	LIMAGRAIN
150R	32.5	18.6	103	13	11.37	211	30.9	5.74	56.7	7.2	7.9	0.8	89	0.3	9	7.5	5.5	2026	BRIGHT
LG31160	32.1	18.6	103	13	11.34	210	32.1	5.96	56.0	7.1	7.9	0.7	56	0.2	9	6.9	4.4	2026	LIMAGRAIN
KWS GRANTURISMO	32.0	19.0	105	32	11.26	214	29.2	5.56	56.6	6.8	8.0	0.5	56	0.5	12	6.7	8.2	2024	KWS
SMOOTHY CS	31.8	18.3	101	58	11.31	207	30.6	5.60	57.0	6.5	7.5	1.5	69	0.3	23	7.1	7.8	2019	LIDEA
DKC3059	31.8	18.1	100	13	11.17	202	29.4	5.32	56.3	6.2	7.6	1.4	89	0.1	9	7.0	6.3	2026	BAYER
MAS 195P	30.5	18.4	102	18	11.18	205	28.5	5.24	56.6	7.3	7.7	1.1	67	0.4	8	7.3	6.3	2025	BRIGHT
RGT AXIONAL	27.8	18.7	103	19	11.21	209	27.3	5.10	57.3	6.7	7.8	0.9	69	0.1	10	7.7	5.6	2026	RAGT
Trial statistics																			
Mean of 4&5 year varieties	35.6	18.0	100	-	11.59	209	34.3	6.19	57.5	7.0	7.8	0.9	-	0.5	-	6.4	5.7	-	-
LSD (V.Cont)	1.05	0.54	3.0	-	0.150	-	1.38	-	0.84	0.31	-	-	-	-	-	0.46	-	-	-
SE (variety mean)	0.529	0.274	1.52	-	0.0758	-	0.695	-	0.424	0.156	-	-	-	-	-	0.232	-	-	-

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