

2025 FORAGE MAIZE DESCRIPTIVE LIST

First choice varieties for favourable sites (varieties ranked in dry matter yield order)

VARIETY	Dry matter content at harvest (%)	Dry matter yield (t/ha)	Dry matter yield (% of 4 and 5 year varieties)	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 GRANTURISMO	30.8	20.2	109	11.24	227	27.8	5.61	57.1	6.8	8.1	0.3	57	0.4	4	7.1	7.4	2024	KWS
ES PALLADIUM	29.3	19.6	106	11.41	224	26.9	5.28	58.5	6.9	7.5	1.1	73	0.2	7	7.4	5.0	2023	GRAINSEED
PROMISE	35.1	19.6	106	11.55	226	33.1	6.48	57.9	7.1	7.4	1.2	71	0.7	3	6.6	2.5	2024	LIMAGRAIN
KWS BRAVO	33.6	19.6	106	11.56	226	34.0	6.65	57.3	6.7	7.8	0.7	86	0.3	3	7.6	7.8	2024	KWS
PAPAGENO	32.3	19.5	105	11.53	225	32.0	6.25	57.7	6.7	7.2	1.4	86	0.4	4	7.5	6.4	2024	KWS
JUSTICE	31.7	19.5	105	11.40	222	30.9	6.03	57.4	7.2	7.9	0.6	71	0.3	4	7.0	7.7	2024	GRAINSEED
KWS KAMPINOS	33.3	19.5	105	11.78	230	34.7	6.77	58.7	6.8	4.7	4.8	86	0.2	4	7.3	5.0	2024	KWS
SAXON	35.0	19.5	105	11.63	226	32.9	6.41	58.1	7.5	7.1	1.6	67	0.8	11	6.8	3.0	2022	LIMAGRAIN
EMELEEN	32.1	19.5	105	11.42	222	30.0	5.85	57.9	6.9	7.5	1.0	73	0.3	9	7.2	7.4	2023	GRAINSEED
LG31207	31.6	19.4	105	11.35	220	29.6	5.73	57.4	7.1	7.9	0.6	53	0.2	9	7.4	7.8	2023	LIMAGRAIN
KWS ANASTASIO	33.1	19.2	103	11.56	222	32.5	6.22	57.9	7.1	7.6	0.9	65	0.9	12	7.5	7.1	2022	KWS
DIGNITY	35.8	19.2	103	11.68	224	34.1	6.54	58.7	7.1	7.6	1.0	56	0.2	11	6.8	2.6	2022	LIMAGRAIN
FAITH	35.5	19.1	103	11.64	222	34.2	6.52	58.2	7.2	7.8	0.7	60	0.4	9	6.6	2.9	2023	GRAINSEED
STARLORD	33.5	19.1	103	11.73	224	33.6	6.40	59.6	6.7	6.8	2.0	86	1.2	4	6.7	7.1	2024	BRIGHT
CROSBY	30.9	19.1	103	11.32	216	31.8	6.07	56.4	6.5	8.0	0.3	47	0.2	9	7.5	6.0	2023	GRAINSEED
FOXTROT	35.3	19.0	103	11.76	224	35.1	6.67	58.4	7.2	6.7	2.2	80	0.5	9	7.2	2.7	2023	LIMAGRAIN
RESOLUTE	33.1	19.0	102	11.60	220	33.1	6.28	58.2	7.0	7.6	0.9	60	0.3	12	7.5	2.5	2020	LIMAGRAIN
SMOOTH CS	30.2	18.9	102	11.34	214	29.6	5.60	57.8	6.4	6.9	1.9	77	0.2	13	7.4	7.4	2019	LIDEA
KWS PASCO	34.3	18.9	102	11.65	220	34.4	6.50	57.8	6.9	7.6	1.0	59	1.4	13	6.9	7.5	2022	KWS
MAS 075B	33.9	18.9	102	11.81	223	33.9	6.39	59.9	6.8	6.9	1.9	71	0.4	4	6.9	5.8	2024	BRIGHT
CONCLUSION	33.4	18.9	102	11.79	222	34.2	6.44	59.4	7.4	7.6	0.9	52	0.2	15	7.2	4.2	2020	LIMAGRAIN
SKIPPER	35.8	18.8	101	11.68	219	35.5	6.66	57.9	7.1	7.9	0.5	67	0.3	9	7.3	3.1	2023	LIMAGRAIN
FARMUNOX	31.9	18.7	101	11.61	217	32.1	6.00	58.0	6.4	6.8	2.0	79	1.3	11	7.7	7.1	2020	DSV
KWS EXELON	35.2	18.7	101	11.75	220	35.2	6.58	58.0	6.9	7.1	1.6	89	0.7	11	6.9	8.1	2021	KWS
BONNIE	33.2	18.6	101	11.73	219	34.1	6.35	58.9	7.2	7.9	0.6	63	0.3	29	7.6	6.2	2017	GRAINSEED
AYA	35.3	18.6	101	11.69	218	35.1	6.53	58.0	6.9	7.7	0.8	86	0.6	3	7.2	2.6	2024	LIMAGRAIN
PROSPECT	36.0	18.6	100	11.84	220	35.9	6.66	59.1	7.1	7.8	0.7	68	0.2	10	7.2	7.2	2019	LIMAGRAIN
KWS CALVINI	36.1	18.4	100	11.71	216	35.6	6.56	58.1	7.1	7.8	0.6	74	1.5	10	5.9	6.9	2019	KWS
REJKO	36.9	18.4	99	11.71	216	35.5	6.53	58.2	6.7	8.1	0.3	57	0.9	3	6.2	6.2	2024	KWS
PINNACLE	34.9	18.2	98	11.71	213	35.7	6.51	58.0	7.0	7.4	1.2	79	0.6	10	7.2	6.6	2018	LIMAGRAIN
DUKE	37.5	18.1	98	11.83	214	37.2	6.74	58.2	7.0	7.7	0.8	86	0.4	3	6.2	6.1	2024	LIMAGRAIN
RODRIGUEZ KWS	34.9	18.1	98	11.76	213	36.7	6.65	58.3	6.9	8.2	0.1	26	0.4	10	6.8	4.3	2015	KWS
TROOPER	35.9	18.0	97	11.72	210	35.9	6.44	58.3	7.1	8.2	0.2	42	0.4	10	6.8	1.6	2020	LIMAGRAIN
KWS TEMPRANO	39.6	17.3	94	11.78	204	38.6	6.69	57.5	6.7	7.7	0.8	86	1.2	3	4.3	4.8	2024	KWS
CITO KWS	38.8	17.0	92	11.96	203	38.6	6.54	59.0	6.9	7.8	0.7	68	0.6	10	5.6	5.4	2018	KWS
Trial statistics																		
Mean of 4&5 year varieties	34.2	18.5	100	11.61	215	33.5	6.22	58.1	6.9	7.7	0.9	-	0.5	-	7.0	-		
LSD (V.Cont)	1.15	0.63	3.4	0.151	-	1.50	-	0.91	0.45	-	-	-	-	-	0.72	-		
SE (variety mean)	0.576	0.319	1.72	0.0757	-	0.756	-	0.459	0.224	-	-	-	-	-	0.362	-		

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 x 0.16

n 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 lodging than the mean of the 4 & 5 year varieties receives a score of less than 7.0. This is equivalent to

1.9% lodging. In the 2025 tables lodging at 5% equates to a standing power rating of 4.8

Eyespot rating derived from inoculated nurseries rather than field scores

Data from the Forage Maize and AD Maize Descriptive Lists. Full data at www.bspb.co.uk



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

2025 FORAGE MAIZE DESCRIPTIVE LIST

Second choice varieties for favourable sites (varieties ranked in dry matter yield order)

VARIETY	Dry matter content at harvest (%)	Dry matter yield (t/ha)	Dry matter yield (% of 4 and 5 year varieties)	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
LID0720C	32.3	19.8	107	11.00	218	25.9	5.14	56.2	7.6	6.3	2.7	86	0.6	4	7.5	6.3	2024	GRAINSEED
RGT MUXKEAL	29.6	19.5	105	11.25	220	25.8	5.04	58.2	6.8	7.0	1.8	57	0.4	4	8.5	5.2	2024	RAGT
ES MYRDAL	33.4	19.2	104	11.27	217	29.1	5.59	57.2	7.1	7.0	1.7	65	0.5	12	7.3	6.3	2022	GRAINSEED
CATHY	31.2	18.9	102	11.40	216	28.7	5.44	58.2	7.1	7.8	0.7	52	0.5	12	7.9	5.3	2015	GRAINSEED
RGT EASIXX	33.4	18.8	101	11.38	213	31.1	5.83	57.6	6.5	7.9	0.6	67	0.6	9	7.4	5.3	2023	RAGT
RGT BLUEFOXX	33.3	18.7	101	11.51	215	31.2	5.84	58.6	6.5	8.0	0.4	64	0.3	8	7.6	5.0	2023	RAGT
ABILITY	33.5	18.6	101	11.60	216	31.8	5.92	58.7	7.1	8.0	0.4	48	0.3	11	7.4	5.6	2020	DLF
AMBITION	35.4	18.4	99	11.56	213	34.9	6.41	57.1	7.1	8.1	0.3	47	0.2	19	6.9	6.3	2012	LIMAGRAIN
RGT PIXXON	35.0	18.4	99	11.60	213	31.9	5.86	58.8	6.7	7.8	0.7	67	0.4	11	7.4	6.7	2022	RAGT
GLENOE	32.7	18.4	99	11.24	206	28.3	5.20	57.0	6.8	8.0	0.4	80	0.2	6	7.6	4.6	2023	LIDEA
LIKEIT	33.3	18.0	97	11.56	208	32.7	5.87	57.9	6.9	8.0	0.3	40	0.5	12	6.9	4.5	2018	DSV
MARCAMO	31.2	17.9	97	11.13	200	29.4	5.28	55.5	6.2	4.9	4.6	84	0.9	12	6.4	7.2	2019	DLF
RGT BUXTON	37.1	17.9	97	11.61	208	35.7	6.40	57.4	6.7	8.1	0.2	43	0.2	3	6.4	3.0	2024	RAGT
RGT OXXGOOD	35.0	17.9	97	11.66	209	34.6	6.20	58.2	6.7	7.6	1.0	68	0.4	10	6.5	6.3	2016	RAGT
ABRISSE	32.3	17.9	97	11.48	206	30.9	5.53	58.5	5.9	7.9	0.5	50	0.3	9	7.3	8.2	2019	GRAINSEED
MADONIAS	34.3	17.8	96	11.77	210	35.9	6.39	58.4	6.7	7.7	0.8	74	0.6	10	6.1	5.6	2018	MAS
GEMA	36.9	17.6	95	11.70	206	37.6	6.63	57.5	6.7	7.3	1.4	79	0.5	11	6.2	6.1	2021	LIMAGRAIN
LIROYAL	34.2	17.6	95	11.80	207	35.3	6.19	59.0	6.2	7.8	0.7	69	0.6	21	6.4	6.0	2019	DSV
KWS LETO	38.5	17.3	93	11.56	200	38.2	6.60	55.9	6.6	7.9	0.6	57	1.3	3	4.1	5.0	2024	KWS
RGT DUXXBURY	37.6	17.1	92	11.68	200	36.3	6.20	57.9	6.8	8.1	0.3	53	0.4	10	5.7	5.3	2018	RAGT
Trial statistics																		
Mean of 4&5 year varieties	34.2	18.5	100	11.61	215	33.5	6.22	58.1	6.9	7.7	0.9	-	0.5	-	7.0	-		
LSD (V.Cont)	1.15	0.63	3.4	0.151	-	1.50	-	0.91	0.45	-	-	-	-	-	0.72	-		
SE (variety mean)	0.576	0.319	1.72	0.0757	-	0.756	-	0.459	0.224	-	-	-	-	-	0.362	-		

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 x 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 lodging than the mean of the 4 & 5 year varieties receives a score of less than 7.0. This is equivalent to 1.9% lodging. In the 2025 tables lodging at 5% equates to a standing power rating of 4.8
 Eyespot rating derived from inoculated nurseries rather than field scores



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

2025 FORAGE MAIZE DESCRIPTIVE LIST

First choice varieties for less favourable sites (varieties ranked in dry matter content order)

VARIETY	Dry matter content at harvest (%)	Dry matter yield (t/ha)	Dry matter yield (% of 4 and 5 year varieties)	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
CITO KWS	40.4	16.6	91	12.07	201	40.8	6.78	59.2	6.8	7.6	0.9	77	0.3	10	4.6	5.4	2018	KWS
KWS TEMPRANO	40.4	17.1	94	11.76	201	38.5	6.60	57.7	6.9	7.2	1.4	100	0.7	3	4.0	4.8	2024	KWS
KWS LETO	39.4	17.4	95	11.61	202	38.4	6.67	56.6	6.8	7.4	1.2	75	0.6	3	3.6	5.0	2024	KWS
GEMA	38.0	17.4	95	11.67	202	38.0	6.60	57.3	6.9	7.2	1.5	77	0.3	10	5.7	6.1	2021	LIMAGRAIN
DUKE	37.8	18.1	99	11.94	216	38.6	6.96	58.8	6.9	7.4	1.2	100	0.3	3	6.2	6.1	2024	LIMAGRAIN
KWS CALVINI	37.3	18.1	99	11.76	213	37.2	6.73	58.0	7.0	7.8	0.7	62	0.9	10	5.5	6.9	2019	KWS
REJKO	37.3	18.5	101	11.70	216	35.5	6.57	58.3	6.9	7.8	0.7	100	1.1	3	6.2	6.2	2024	KWS
TROOPER	36.6	17.6	96	11.76	207	36.3	6.39	58.4	7.0	8.2	0.2	38	0.2	10	6.3	1.6	2020	LIMAGRAIN
KWS EXELON	36.3	18.5	101	11.69	216	35.8	6.63	57.8	6.8	6.7	2.1	100	0.7	9	6.3	8.1	2021	KWS
SKIPPER	36.0	18.6	102	11.75	218	36.4	6.76	58.3	6.8	7.9	0.6	63	0.2	7	7.4	3.1	2023	LIMAGRAIN
DIGNITY	35.6	18.8	103	11.68	220	34.9	6.57	58.5	7.0	7.9	0.6	64	0.0	7	6.7	2.6	2022	LIMAGRAIN
RODRIGUEZ KWS	35.6	17.7	97	11.75	208	38.0	6.71	57.9	6.9	8.2	0.2	31	0.3	10	6.3	4.3	2015	KWS
AYA	35.5	18.6	102	11.68	217	35.2	6.56	58.1	7.2	7.5	1.1	75	0.3	3	7.1	2.6	2024	LIMAGRAIN
PROSPECT	35.4	18.5	102	11.79	219	36.1	6.69	58.7	7.1	7.5	1.1	69	0.2	11	7.4	7.2	2019	LIMAGRAIN
RGT OXXGOOD	35.4	18.0	98	11.68	210	35.7	6.42	58.2	6.8	7.5	1.0	77	0.3	10	6.2	6.3	2016	RAGT
KWS PASCO	35.2	19.1	105	11.57	221	34.7	6.62	57.4	7.0	7.3	1.3	77	1.7	8	6.6	7.5	2022	KWS
FAITH	35.2	18.9	104	11.59	219	34.6	6.54	57.8	7.2	7.6	0.9	89	0.1	7	6.7	2.9	2023	GRAINSEED
FOXTROT	35.0	18.7	102	11.75	220	35.4	6.62	58.4	7.0	6.2	2.8	89	0.3	7	7.2	2.7	2023	LIMAGRAIN
SAXON	34.9	19.4	106	11.67	226	33.9	6.56	58.4	7.2	7.0	1.8	64	0.4	7	6.7	3.0	2022	LIMAGRAIN
PINNACLE	34.7	18.3	100	11.70	214	36.2	6.62	57.9	6.8	7.1	1.6	85	0.4	10	7.3	6.6	2018	LIMAGRAIN
MAS 075B	34.6	18.5	101	11.88	219	35.5	6.56	60.0	6.6	7.5	1.1	80	0.3	3	6.9	5.8	2024	BRIGHT
KWS BRAVO	34.5	19.6	107	11.67	228	35.5	6.94	57.7	7.0	7.8	0.6	75	0.2	3	7.4	7.8	2024	KWS
STARLORD	34.5	18.9	104	11.81	223	35.7	6.74	59.3	6.7	7.4	1.2	60	0.4	3	6.7	7.1	2024	BRIGHT
RESOLUTE	33.4	19.1	104	11.67	222	34.2	6.53	58.3	7.2	7.7	0.8	69	0.3	10	7.4	2.5	2020	LIMAGRAIN
ABILITY	33.1	18.5	101	11.57	214	32.3	5.96	58.4	6.9	8.1	0.3	46	0.3	10	7.5	5.6	2020	DLF
CONCLUSION	33.1	18.8	103	11.81	222	34.5	6.48	59.6	7.3	7.7	0.9	50	0.2	13	7.4	4.2	2020	LIMAGRAIN
BONNIE	33.1	18.4	101	11.73	216	34.8	6.42	58.7	7.2	7.8	0.6	63	0.1	21	7.7	6.2	2017	GRAINSEED
RGT EASIXX	33.0	18.9	103	11.47	217	32.5	6.14	57.8	6.6	7.8	0.6	78	0.4	7	7.6	5.3	2023	RAGT
FARMUNOX	32.1	18.7	102	11.60	217	33.0	6.16	57.6	6.5	6.9	1.9	85	0.9	10	7.7	7.1	2020	DSV
Trial statistics																		
Mean of 4&5 year varieties	35.0	18.3	100	11.66	213	35.1	6.40	58.1	6.9	7.6	0.9	-	0.4	-	6.7	5.2	-	-
LSD (V.Cont)	1.27	0.66	3.6	0.163	-	1.53	-	0.94	0.44	-	-	-	-	-	0.75	-	-	-
SE (variety mean)	0.636	0.328	1.80	0.0815	-	0.765	-	0.470	0.219	-	-	-	-	-	0.375	-	-	-

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 x 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 lodging than the mean of the 4 & 5 year varieties receives a score of less than 7.0. This is equivalent to 1.9% lodging. In the 2025 tables lodging at 5% equates to a standing power rating of 4.8
 Eyespot rating derived from inoculated nurseries rather than field scores

Data from the Forage Maize and AD Maize Descriptive Lists. Full data at www.bspp.co.uk



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

2025 FORAGE MAIZE DESCRIPTIVE LIST

Second choice varieties for less favourable sites (varieties ranked in dry matter content order)

VARIETY	Dry matter content at harvest (%)	Dry matter yield (t/ha)	Dry matter yield (% of 4 and 5 year varieties)	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
RGT BUXXTON	38.1	18.0	98	11.51	207	35.4	6.35	57.1	6.9	7.8	0.7	75	0.2	3	5.8	3.0	2024	RAGT
RGT DUXXBURY	38.0	16.6	91	11.70	194	37.5	6.22	57.9	6.9	8.0	0.4	46	0.2	10	5.1	5.3	2018	RAGT
AMBITION	35.2	18.1	99	11.51	208	34.9	6.32	56.9	7.0	7.9	0.5	50	0.2	16	7.0	6.3	2012	LIMAGRAIN
PROMISE	35.0	19.4	106	11.48	223	33.1	6.42	57.5	7.1	7.1	1.7	75	0.4	3	6.7	2.5	2024	LIMAGRAIN
MADONIAS	34.7	17.6	96	11.67	205	35.9	6.32	58.0	6.8	7.3	1.3	85	0.8	10	5.9	5.6	2018	MAS
LIROYAL	34.6	17.6	96	11.75	206	35.8	6.28	58.7	6.4	7.7	0.8	71	0.4	16	6.2	6.0	2019	DSV
RGT PIXXON	34.4	18.3	100	11.54	211	32.0	5.84	58.7	6.7	7.9	0.5	64	0.2	7	7.5	6.7	2022	RAGT
ES MYRDAL	34.2	19.1	105	11.26	215	30.1	5.76	56.8	7.1	6.6	2.2	82	0.1	7	7.4	6.3	2022	GRAINSEED
LIKEIT	33.5	17.6	97	11.55	204	34.0	5.99	57.4	6.8	8.2	0.2	38	0.5	10	6.8	4.5	2018	DSV
LID0720C	32.4	19.9	109	11.14	222	29.1	5.79	56.3	7.2	6.7	2.2	80	0.2	3	7.9	6.3	2024	GRAINSEED
RGT BLUEFOXX	32.1	18.3	100	11.45	210	31.8	5.82	58.1	6.7	8.0	0.3	89	0.2	7	7.7	5.0	2023	RAGT
Trial statistics																		
Mean of 4&5 year varieties	35.0	18.3	100	11.66	213	35.1	6.40	58.1	6.9	7.6	0.9	-	0.4	-	6.7	5.2	-	-
LSD (V.Cont)	1.27	0.66	3.6	0.163	-	1.53	-	0.94	0.44	-	-	-	-	-	0.75	-	-	-
SE (variety mean)	0.636	0.328	1.80	0.0815	-	0.765	-	0.470	0.219	-	-	-	-	-	0.375	-	-	-

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 x 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 lodging than the mean of the 4 & 5 year varieties receives a score of less than 7.0. This is equivalent to 1.9% lodging. In the 2025 tables lodging at 5% equates to a standing power rating of 4.8
 Eyespot rating derived from inoculated nurseries rather than field scores

Data from the Forage Maize and AD Maize Descriptive Lists. Full data at www.bspb.co.uk



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

2025 FORAGE MAIZE DESCRIPTIVE LIST

Varieties for very favourable sites (varieties ranked in ME yield ('000s MJ/ha))

VARIETY	Dry matter content at harvest (%)	Dry matter yield (t/ha)	Dry matter yield (% of 4 and 5 year varieties)	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 (%) #	Brackling (%) #	Leaf senescence (1-9)	Eyespot rating (1-9)	Year first listed	Agent
MICHELEEN	33.3	20.4	109	11.32	231	30.6	6.24	56.3	7.8	7.5	1.1	0.0	6.4	6.2	2024	GRAINSEED
JAKLEEN	33.4	20.0	107	11.41	228	29.0	5.80	57.5	7.5	8.1	0.3	0.0	5.7	5.9	2024	GRAINSEED
LG31207	35.6	19.0	102	11.51	219	31.8	6.04	57.7	8.1	8.2	0.1	0.2	5.9	7.8	2023	LIMAGRAIN
LG31205	36.0	18.7	100	11.51	215	32.9	6.14	56.9	7.4	7.5	1.1	0.1	6.1	8.1	2018	LIMAGRAIN
MANTILLA	34.8	18.8	101	11.41	215	31.6	5.94	56.9	7.2	7.4	1.2	0.3	6.3	7.1	2021	LIMAGRAIN
SMOOTH CS	34.2	18.7	100	11.32	212	31.7	5.92	56.5	7.1	7.8	0.7	0.1	5.6	7.4	2022	LIDEA
ES METRONOM	31.7	18.9	102	11.07	210	28.3	5.36	55.3	7.0	8.2	0.1	0.0	6.6	7.9	2018	GRAINSEED
MARCAMO	36.2	17.8	95	11.33	202	32.4	5.77	55.6	6.6	5.6	3.6	1.0	3.6	7.2	2018	DLF
ABRISSE	36.4	15.8	85	11.68	185	33.7	5.34	59.0	6.0	8.2	0.2	0.2	5.0	8.2	2022	LIDEA
Trial statistics																
Mean of 4 year varieties	34.8	18.7	100	11.36	212	31.4	5.86	56.5	7.2	7.7	0.9	0.3	5.7	7.5	-	-
LSD (V.Cont)	1.31	1.33	7.10	0.14	-	2.00	-	0.85	0.54	-	-	-	0.65	-	-	-
SE (variety mean)	0.603	0.608	3.26	0.0631	-	0.91	-	0.39	0.251	-	-	-	0.300	-	-	-

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 x 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 lodging than the mean of the 4 & 5 year varieties receives a score of less than 7.0. This is equivalent to 1.9% lodging. In the 2025 tables lodging at 5% equates to a standing power rating of 4.8

Eyespot rating derived from inoculated nurseries rather than field scores



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

Data from 2019-2023 trials

The varieties tabulated are forage maize varieties that the breeders have nominated as having potential suitability for AD use. The List may not represent the full range of forage maize or biogas varieties that are available for the market.