

Silage maize varieties 2023

Main characteristics of silage maize varieties on the Belgian descriptive variety list 2023¹

Name	Year of admission	Dry matter content at harvest (%)	Early vigour (1-9) ²	Length of plant ²	Height of the first ear ²	Total DM Yield ³	Digestibility ²	DOM-yield ³	Starch content (%)	Resistance to lodging (1-9) ²	Resistance to stalk rot (1-9) ²
Recommended and newly admitted varieties											
Very early varieties											
KWS Colonnada	2018	39,6	7,1	96	98	98	102	100	39,5	*	*
LG30209	2015 (T)	39,4	6,8	95	88	96	103	99	38,9	8,5	*
Papageno	2019	39,2	7,5	98	100	100	101	101	37,9	8,0	8,5
LG31211	2017 (T)	39,0	8,3	97	88	97	101	98	37,2	7,0	8,0
Emeleen	2022	38,7	8,1	104	103	100	100	100	35,7	8,0	9,0
KWS Osiris	2021	38,6	7,5	98	100	100	100	100	36,3	8,0	8,0
Keops	2017	38,5	7,0	101	100	99	100	99	36,6	8,0	8,0
Kompetens	2015	38,4	7,1	91	83	96	102	98	38,5	8,0	9,0
LG31207	2020	38,4	7,8	104	100	102	100	103	36,1	7,5	8,5
KWS Curacao	2022	38,3	7,7	100	110	101	99	100	36,7	8,5	7,5
Apolonio	2022	38,2	8,0	101	104	101	99	100	36,7	8,0	8,0
LG31218	2016	38,0	7,8	96	87	95	102	97	36,8	8,0	8,5
LG31213	2018 (T)	37,9	7,8	97	88	98	102	100	34,8	7,5	9,0
Early varieties											
Benefito	2021	37,7	7,9	102	104	100	100	100	35,8	8,0	8,0
Kordalis	2017	37,6	7,5	98	99	99	101	100	35,8	9,0	*
Kaprilias	2018	37,5	7,5	99	100	98	100	98	35,9	*	*
KWS Chlasso	2023 (N) ⁴	37,4	7,0	99	103	104	101	106	36,4	8,5	9,0
Havelio KWS	2017	37,3	7,2	97	98	99	101	100	37,1	8,0	8,0
Benedictio KWS	2017	37,0	7,2	100	108	101	100	100	35,2	8,0	9,0
KWS Saltare	2019	36,8	7,2	99	106	99	100	99	36,0	7,5	9,0
LG31231	2023 (N) ⁴	36,6	8,3	106	109	105	99	104	33,3	7,5	9,0
Rendez-vous	2023 (N) ⁴	36,5	8,2	102	99	101	99	100	34,3	9,0	9,0
Caroleen	2019 (T)	36,5	7,6	105	105	100	100	100	34,7	8,0	9,0
LG31217	2022	36,4	7,6	104	105	102	99	101	34,5	8,5	8,0
LG31224	2022	36,3	7,7	103	101	104	99	103	34,7	8,0	9,0
Galeano	2021	36,0	8,2	98	105	101	99	100	36,3	8,0	8,0
Officer	2019	35,8	7,7	98	97	99	100	98	35,3	7,5	9,0
Semi-early varieties											
LG30248	2015 (T)	35,6	7,6	95	92	102	101	103	32,4	7,5	*
Severeen	2019	35,3	7,0	102	103	100	100	100	34,3	8,0	*
SY Nomad	2021	35,1	7,4	104	108	103	101	104	33,8	7,5	9,0
LG31235	2018	34,9	7,8	95	88	99	102	101	34,1	7,5	9,0
ES Discover	2022	34,8	7,7	108	103	103	98	101	33,0	8,0	9,0
Fieldplayer	2022	34,4	7,8	109	108	105	96	102	28,8	8,5	9,0
Charleen	2017	34,3	7,1	102	109	103	97	100	31,7	8,0	*
Semi-late varieties											
LG31265	2022	33,6	7,7	110	114	104	98	102	35,5	7,5	9,0
Not recommended varieties											
SY Feeditop	2015	37,6	7,5	96	90	96	100	96	37,3	7,5	8,5
LG31233	2018 (T)	35,7	7,6	96	94	97	100	97	33,0	7,0	9,0
KWS Iconico	2019	35,6	7,7	100	103	98	101	99	36,3	8,5	*
KWS Grandezza	2020	35,3	8,1	98	101	98	100	98	36,2	8,5	8,0
SY Madras	2015	35,0	8,2	95	97	99	100	98	33,1	7,5	9,0
Dirigent	2019	34,8	7,8	100	92	98	100	98	35,3	8,0	*
ES Metronom	2017	34,4	6,5	105	105	101	97	98	33,3	8,5	*
Likoer	2022	33,8	8,6	96	97	102	98	100	34,0	7,0	8,5
SY Energetic	2018	33,6	7,8	100	101	99	101	100	32,3	7,0	*
SY Gordius	2019	33,5	7,7	101	107	99	100	100	32,3	7,0	*
ES Palladium	2020	33,4	7,4	102	99	101	99	100	31,8	8,0	9,0
SY Fanatic	2015	33,4	7,5	97	100	98	102	100	33,4	8,0	9,0
Average ⁵	-	36,4	7,6	-	-	-	-	-	35,1	7,9	8,6
100 =	-	-	-	284 cm	112 cm	21623 kg/ha	76,0 %	16431 kg/ha	-	-	-

¹ Reproduction of the complete table from the descriptive variety list provided that the source is acknowledged, counterfeiting prohibited.

² The higher the number, the better

³ 100 = average of all varieties on the ILVO variety list

⁴ Results based on 2-year research. The more years of research, the more reliable the figures. Recommendation can be made after 3 years of research at the earliest.

⁵ Average of all varieties on the ILVO variety list

N = new variety in 2023

T = expiry period (LG30248 = 30/06/2023, LG30209 = 30/06/2023, LG31211 = 30/06/2023, LG31233 = 30/06/2023, LG31213 = 30/06/2023 and Caroleen = 30/06/2023)

* Insufficient results available