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Title: **Metabotyping of 30 maize hybrids under early-sowing conditions reveals potential marker metabolites for breeding**

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Supplementary Table S1: Environmental variables for the field experiment for two following plant development and growth periods for each sowing condition: sowing to emergence, and emergence to leaf sample harvest. ES, early-sowing. NS, normal-sowing.

Sowing condition	Growth period	Duration of period (days)	Mean global radiation (J/cm² per day)	Total rainfall over the period (mm)	Mean air temperature (°C)	Maximum air vapor pressure deficit (Pa)
ES	Sowing to emergence	19	1 727	10.0	10.8	1.99
	Emergence to leaf sample harvest	41	1 620	90.5	12.1	1.85
NS	Sowing to emergence	22	1 467	61.5	10.4	1.22
	Emergence to leaf sample harvest	31	1 654	78.0	15.9	1.85