ERRATUM

Erratum to: Yield stability and lower susceptibility to abiotic stresses of improved open-pollinated and hybrid maize cultivars

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Please replace Table 1 in above mentioned research article, published online 24 July 2017, with the version published in this erratum.

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Table 1. Cultivar coefficients of four maize cultivars calculated by GLUE using field measurements (on top), followed by model validation outcomes for phenology (anthesis and physiological maturity) and yield.

		Model input genetic coefficients					
		P1 (°C day)	P2 (days)	P5 (°C day)	G2 (number)	G3 (mg.day ⁻¹)	PHINT (°C day)
Cultivar coefficients	AS1548	271.7	1.387	997.1	502.1	6.590	46.17
	FORTUNA	253.3	1.992	982.2	459.8	7.244	55.66
	IVANIR	369.9	0.929	932.5	619.9	7.764	35.65
	MPA01	316.9	0.467	1009.0	623.5	6.599	58.33
		Model validation					
		Root mean square error (RMSE) (%)		Coefficient of residual mass (CRM) (%)		Simulated (average)	Observed (average)
Anthesis (days after planting)	AS1548	2.9		-1.0		71	70
	FORTUNA	2.4		-1.3		80	79
	IVANIR	6.1		-4.1		76	73
	MPA01	6.1		-4.1		76	73
Maturity (days after planting)	AS1548	3.1		2.5		129	132
	FORTUNA	12.9		-5.8		145	137
	IVANIR	2.8		0.3		131	131
	MPA01	2.4		-2.1		143	140
Yield (kg/ha ⁻¹)	AS1548	10.9		9.1		4729	5051
	FORTUNA	13.1		2.4		5901	6044
	IVANIR	39.8		-31.2		5892	4490
	MPA01	12.5		-7.8		5762	5347

P1: thermal time from seedling emergence to the end of the juvenile phase (degree days above the base temperature of 8 °C) during which the plant is not responsive to photoperiod.

P2: extent to which development is delayed for each hour increase in photoperiod above the longest photoperiod at which development proceeds at a maximum rate (12.5 h).

P5: thermal time from silking to physiological maturity (above a base temperature of 8 °C).

G2: maximum possible number of kernels per plant.

G3: kernel filling rate during the linear grain filling stage under optimum conditions (mg day⁻¹).

PHINT: phyllochron interval = thermal time (degree days) between leaf tip appearances.