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S1 Appendix – Mean values for growth and biomass parameters of the 15 progenies of cacao.

MEDIUM VALUES									
PROGENIES	SH	SD	LA	LN	RDB	SDB	LDB	TDB	LAR
SCA 6 x SJ02	87.5c	12.4c	4836b	39.0c	22.1e	14.3b	20.6c	57.0d	89.2a
IMC67 x PUCALA	96.4e	13.3c	6903e	40.2c	22.4e	19.9c	29.4d	71.7f	102b
SCA 6 x IMC 67	92.5d	11.2b	5010b	38.2b	19.4c	10.7a	18.6b	48.7b	106b
IMC67 x SCA 24	84.2b	12.0b	4986b	35.6b	20.7c	11.7a	20.5c	52.9c	97.2a
SCA 6 x PUCALA	97.4e	12.7c	5852c	38.0b	19.6c	15.7b	22.2c	57.5d	105b
IMC 67 x SJ 02	84.3b	13.3c	5092b	34.4b	21.0c	14.4b	22.9c	58.3d	87.8a
SCA 6 x SCA 24	109g	11.2b	5361c	39.7c	18.8c	13.6b	21.9c	54.3c	101b
IMC 67 x P4B	102f	14.0d	7185e	39.3c	23.2e	19.3c	28.3d	70.8f	105b
P4B x PUCALA	113g	14.5d	7535e	43.4c	21.1d	25.1e	28.9d	75.2g	101b
P4B x SJ 02	116h	14.2d	6671d	40.8c	24.9e	24.8e	27.9d	77.6g	86.8b
PUCALA x SJ 02	110g	14.3d	7242e	42.6c	19.4d	23.1d	31.8d	74.2g	98.6b
SJ 02 x SCA 24	94.5d	13.1c	5731c	40.9c	20.5d	20.7c	22.9c	64.1e	95.1a
P4B x SCA 24	103f	13.5c	6161d	36.1b	19.7d	19.5c	25.9d	65.0e	95.8a
PUCALA x SCA 24	56.8a	9.00a	3714a	26.5a	6.60a	11.6a	15.5a	33.7a	112a
SCA 6 x P4B	83.4b	10.9b	4904b	29.9a	12.7b	20.8c	20.2c	53.6c	92.6a
General mean	95.3	12.6	5812	37.6	19.5	17.7	23.8	61.0	98.3
Range	36.0 ~ 125	7.8 ~ 23.4	1922 ~ 13392	19.8 ~ 78	4.56 ~ 45	3.41 ~ 40.7	5.78 ~ 51.0	26.8 ~ 117	29.1 ~ 255
C.V. (%)	2.24	5.1	6.5	6.4	3.7	6.9	2.7	2.2	8.2

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Means followed by different letters in the same column represent statistically significant differences (Scott-Knott, 5%).

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Stem height (SH) in cm, stem diameter (SD) in mm, leaf area (LA) in cm, leaf number (LN), root dry biomass (RDB), stem dry biomass (SDB), leaf dry biomass (LDB) and total dry biomass (TDB) (all biomass parameters in g kg⁻¹ DM), and leaf area ratio (LAR). *C.V.* = coefficient of variation,

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Range = Refers to the most contrasting plants among all progenies.

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