

Table S1. Growth evaluation of non-toxic ecotypes of *Jatropha curcas* by means of biophysical parameters at different plant ages in plantation. Same letters mean there are not significant differences according to ANOVA and Tukey test ($p \leq 0.05$).

Average growth		Ecotypes																			
		E1M				E2M				E3M				E4M				E5M			
Plant height (cm)	July 2009	83.4	+	21.6	AB	85.7	+	16.8	A	84.4	+	21.7	AB	74.2	+	25.5	B	73.6	+	22.5	B
	July 2010	132.9	+	28.6	A	135.3	+	25.2	A	129.1	+	24.7	A	132.8	+	35.3	A	129.7	+	29.7	A
	July 2011	140.0	+	28.6	A	146.9	+	22.1	A	139.9	+	21.4	A	143.8	+	30.2	A	141.6	+	26.7	A
	July 2012	148.7	+	26.5	A	160.5	+	25.3	A	152.8	+	21.5	A	157.1	+	25.0	A	154.7	+	27.9	A
	July 2013	163.0	+	28.8	B	177.1	+	25.8	A	162.9	+	24.4	B	162.3	+	24.3	B	161.1	+	27.2	B
	July 2018	203.5	+	28.9	A	200.0	+	19.4	A	170.4	+	22.4	B	162.5	+	16.9	B	170.2	+	26.1	B
Stem diameter (cm)	July 2009	3.0	+	0.7	A	3.0	+	0.4	A	2.9	+	0.7	A	2.8	+	0.8	A	2.8	+	0.6	A
	July 2010	5.8	+	1.0	A	5.6	+	1.1	A	5.5	+	0.9	A	5.4	+	1.3	A	5.3	+	0.9	A
	July 2011	6.8	+	1.2	A	6.6	+	1.1	A	6.6	+	1.3	A	6.6	+	1.1	A	6.3	+	1.1	A
	July 2012	7.6	+	0.8	B	9.0	+	1.5	A	7.5	+	1.1	B	7.4	+	1.1	B	7.3	+	1.1	B
	July 2013	9.2	+	1.7	AB	10.0	+	2.0	A	8.9	+	1.3	B	8.9	+	1.2	B	9.1	+	1.4	B
	July 2018	13.1	+	2.0	AB	14.3	+	2.3	A	11.7	+	1.3	C	11.0	+	1.2	C	12.1	+	1.3	BC
Canopy area (cm ²)	July 2009	4383.5	+	2230.3	A	4227.5	+	1582.7	AB	3328.5	+	1409.4	BC	2646.5	+	1588.2	C	3162.4	+	1638.3	C
	July 2010	6962.3	+	2391.6	B	11383.7	+	4210.3	A	6114.7	+	3291.9	B	6321.8	+	2982.2	B	5854.9	+	2986.9	B
	July 2011	12613.4	+	6740.6	B	20573.4	+	9281.2	A	13838.2	+	7677.2	B	11994.6	+	7297.9	B	13125.1	+	6783.7	B
	July 2012	12047.3	+	6669.9	B	20411.3	+	10412.3	A	15078.9	+	6975.2	B	13314.6	+	6714.9	B	13275.7	+	6569.9	B
	July 2013	11751.7	+	6766.7	C	22399.5	+	11102.3	A	17943.2	+	9339.9	B	13683.9	+	7810.2	BC	16312.1	+	8100.6	BC
	July 2018	26393.3	+	13727.1	AB	39072.9	+	10521.0	A	24199.3	+	9746.8	BC	18804.7	+	5526.6	BC	31465.84	+	11952.3	AB