

Table S4. Regression model ANOVA for biomass

Source	Sum of Squares	Degree of Freedom	Mean Square	F-value	<i>p</i> -value	Significance
Model	0.3782	14	0.027	10.57	< 0.0001	significant
A-MeJA	0.1599	1	0.1599	62.52	< 0.0001	
B-PB	0.001	1	0.001	0.4089	0.5329	
C-CaCl ₂	0.0173	1	0.0173	6.75	0.0211	
D-5-AC	0.0043	1	0.0043	1.68	0.2153	
AB	0.0003	1	0.0003	0.113	0.7417	
AC	0.006	1	0.006	2.34	0.1484	
AD	0.0006	1	0.0006	0.2284	0.6401	
BC	0.0214	1	0.0214	8.36	0.0119	
BD	0.0048	1	0.0048	1.89	0.1909	
CD	0.0057	1	0.0057	2.22	0.1584	
A ²	0.0867	1	0.0867	33.9	< 0.0001	
B ²	0.0401	1	0.0401	15.69	0.0014	
C ²	0.0411	1	0.0411	16.08	0.0013	
D ²	0.0719	1	0.0719	28.14	0.0001	
Residual	0.0358	14	0.0026			
Lack of Fit	0.0328	10	0.0033	4.32	0.0855	not significant
Pure Error	0.003	4	0.0008			
Cor Total	0.414	28				