

Table S3. Regression model ANOVA for GAs content.

Source	Sum of Squares	Degree of Freedom	Mean Square	F-value	<i>p</i> -value	Significance
Model	321.87	14	22.99	7.29	0.0003	significant
A-MeJA	51.21	1	51.21	16.24	0.0012	
B-PB	4.88	1	4.88	1.55	0.234	
C-CaCl ₂	57.1	1	57.1	18.11	0.0008	
D-5-AC	5.03	1	5.03	1.6	0.227	
AB	0.0732	1	0.0732	0.0232	0.8811	
AC	5.82	1	5.82	1.84	0.1959	
AD	8.28	1	8.28	2.62	0.1275	
BC	0.301	1	0.301	0.0955	0.7619	
BD	0.0007	1	0.0007	0.0002	0.9882	
CD	0.2845	1	0.2845	0.0902	0.7683	
A ²	135.24	1	135.24	42.89	< 0.0001	
B ²	10.67	1	10.67	3.38	0.0871	
C ²	0.7273	1	0.7273	0.2306	0.6385	
D ²	80.16	1	80.16	25.42	0.0002	
Residual	44.15	14	3.15			
Lack of Fit	38.59	10	3.86	2.78	0.1687	not significant
Pure Error	5.56	4	1.39			
Cor Total	366.01	28				