

Table S2. Experimental values of GAs content and biomass on RSM-BBD.

Run	Independent variables				Response variables	
	MeJA	PB	CaCl ₂	5-AC	GAs content	Biomass
	concentration (μ M)	concentration (μ M)	concentration (μ M)	concentration (μ M)	(mg/g DW)	(g/L)
1	100	750	250	800	20.48451	2.803667
2	400	750	250	800	26.43607	3.055667
3	100	1250	250	800	22.33627	2.835000
4	400	1250	250	800	27.74679	3.053000
5	250	1000	100	600	24.53858	2.951667
6	250	1000	400	600	27.49531	3.074667
7	250	1000	100	1000	24.4700	2.893000
8	250	1000	400	1000	28.49359	2.865333
9	100	1000	250	600	20.88839	2.804000
10	400	1000	250	600	26.81709	3.105667
11	100	1000	250	1000	25.05677	2.807667
12	400	1000	250	1000	25.23204	3.061000
13	250	750	100	800	28.08971	3.071000
14	250	1250	100	800	27.55628	2.858000
15	250	750	400	800	33.82028	3.010333
16	250	1250	400	800	34.38419	3.089667
17	100	1000	100	800	21.38372	2.832333
18	400	1000	100	800	27.45721	2.935000
19	100	1000	400	800	27.11429	2.849333
20	400	1000	400	800	28.36404	3.106667
21	250	750	250	600	23.98991	2.888667
22	250	1250	250	600	26.24556	2.954667
23	250	750	250	1000	26.14650	2.999000
24	250	1250	250	1000	28.34880	2.926000
25	250	1000	250	800	31.19123	3.112333
26	250	1000	250	800	33.06586	3.127000
27	250	1000	250	800	31.43508	3.130333
28	250	1000	250	800	30.35298	3.151333
29	250	1000	250	800	30.05578	3.183333