Table 3 Effect of different concentrations of BAP and 2, 4-D for callus developed from hypocotyl of *C.*

S. No.	Phytohormone		No. of Explants producing Callus	% resp.	Callus Index	Characteristics of Callus		Means Days to Callusing ± Std. Error
	BAP mg/L	2,4-D mg/L				Colour	Texture	
1	0.5	0.5	3	100	300	Yellow	Granular	11 ±0.113
2	1	0.5	3	100	300	Light Brown	Compact	14 ±0.181
3	1.5	0.5	3	100	300	Yellow Green	Granular	18 ±0.174
4	2	0.5	3	100	300	Light Yellow	Compact	15 ±0.104
5	2.5	0.5	2	67	133	Yellow Brown	Compact	12 ±0.175
6	3	0.5	3	100	300	Yellow Green	Granular	14 ±0.255
7	0.5	1	3	100	300	Whitish Yellow	Granular	12 ±0.106
8	1	1	3	100	300	Yellow Brown	Compact	17 ±0.151
9	1.5	1	3	100	300	Yellow	Granular	11 ±0.354
10	2	1	2	67	133	Light Yellow	Compact	14 ±0.231
11	2.5	1	3	100	300	Yellow Green	Compact	12 ±0.180
12	3	1	3	100	300	Light Brown	Granular	13 ±0.163
13	0.5	1.5	3	100	300	Light Yellow	Granular	11 ±0.356
14	1	1.5	3	100	300	Yellow	Granular	12 ±0.291
15	1.5	1.5	3	100	300	Green	Granular	13 ±0.224
16	2	1.5	3	100	300	Greenish brown	Granular	10 ±0.111
17	2.5	1.5	3	100	300	Whitish Yellow	Compact	18 ±0.119
18	3	1.5	2	67	133	Light Brown	Granular	05 ±0.177
19	0.5	2	3	100	300	Brown	Compact	15 ±0.233
20	1	2	3	100	300	Brown	Friable	11 ±0.160
21	1.5	2	2	67	133	Yellow Brown	Granular	13 ±0.211
22	2	2	3	100	300	Yellow	Compact	12 ±0.155
23	2.5	2	3	100	300	Light Yellow	Granular	14 ±0.192
24	3	2	3	100	300	Yellow Green	Compact	11 ±0.153
25	0.5	2.5	3	100	300	Orange Brown	Granular	18 ±0.650
26	1	2.5	3	100	300	Yellow	Granular	14 ±0.547
27	1.5	2.5	3	100	300	Light Yellow	Compact	13 ±0.299
28	2	2.5	3	100	300	Light Brown	Compact	12 ±0.371
29	2.5	2.5	2	67	133	Brown	Granular	20 ±0.114
30	3	2.5	3	100	300	Light Brown	Compact	11 ±0.114
31	0.5	3	3	100	300	Yellow	Granular	14 ±0.137
32	1	3	3	100	300	Light Yellow	Granular	15 ±0.188
33	1.5	3	1	33	33	Yellow Green	Granular	13 ±0.166
34	2	3	2	67	133	Yellow Brown	Granular	12 ±0.121
35	2.5	3	3	100	300	Light Brown	Granular	11 ±0.118
36	3	3	3	100	300	Light Yellow	Granular	15 ±0.102
Significance							0.027	

All these values are sum means of three parallel replicates in which ± indicates standard error among the values, which differ significantly at $p \leq 0.05$. The optimum value of Duncan for days to callusing is insignificant of these results in terms of statistical analysis