Table 2 Effect of hormonal supplementation with MS medium for callus induction in cv. Khandagiri

Hormone recipe (mg/l)	Days first callus observed	CIF (%)	Callus growth	% of necrotic calli	Freq. of embryo-genic calli (%)	Nature of calli
2,4-D						
1.0	19	50.1±0.85^{e}*	+	1.1	Nil	Hard, compact
1.5	12	58.4±1.02^{d}	++	4.6	0.08	Compact
2.0	11	62.8±0.53^{c}	++++	3.2	58.8	Bit friable
2.5	10	70.2±0.44^{b}	++++	0.8	60.5	Friable
3.0	10	51.6±1.02^{e}	+++	8.0	35.2	Soft
2,4-D+Kn						
2.5 + 0.10	14	55.8±1.01^{d}	+	7.2	15.2	Soft
2.5 + 0.25	16	51.4±1.24^{e}	++	8.0	18.0	-do-
2.5 + 0.50	15	76.0±0.55^{a}	+++++	0.4	70.5	Fast growing nodular calli
2.5 + 0.75	18	50.2±0.72^{e}	+	12.0	53.0	Nodular calli, bit necrotic
2.5 + 1.00	20	35.0±1.08^{f}	+	20.3	28.0	Dirty, Necrotic
2,4-D+BAP						
2.5 + 0.10	22	16.8±0.81^{h}	++	13.0	Nil	Small watery calli
2.5 + 0.25	24	23.8±0.74^{g}	+++	13.2	Nil	Very soft
2.5 + 0.50	20	24.0±1.06^{g}	+	18.6	Nil	-do-
2.5 + 0.75	18	21.2±0.77^{g}	+	23.4	Nil	Soft
2.5 + 1.00	14	8.5±1.08^{i}	+	28.1	Nil	-do-

Note: Means followed by the same letter within columns were not significantly different at $p<0.05$; *Values are mean ± S.E