

Table 2 Effect of 2,4-D, KT and different nutrients on compact on callus induction from hypocotyl

Medium number	1	2	3	4	5	6	7	Sucrose concentration (g/L)	Number of inoculated callus l	Rate of embryogenic induction (%)	Formation time of Embryogenic callus (weeks)	Feature of embryogenic callus
M1	1/2 MS	10	-	1	25	2	-	30	60	63.27±4.95 ^c	20	Yellow, granular
M2	1/2 MS	10	0.1	1	25	2	-	30	60	58.67±3.06 ^d	22	Light yellow, white, granular
M3	1/2 MS	10	0.5	1	25	2	-	30	60	52.37±9.22 ^e	22	Light yellow, white, granular, water stained
M4	1/2 MS	5	-	1	25	2	-	30	60	46.83±4.65 ^f	18	Yellow, grain, loose
M5	1/2 MS	5	0.1	1	25	2	-	30	60	37.73±7.18 ^g	19	Light yellow, loose
M6	1/2 MS	5	0.5	1	25	2	-	30	60	30.67±7.02 ^h	19	Light yellow, loose, water stained
M7	1/2 MS	5	-	-	25	2	-	30	60	48.58±7.14 ^e	18	Yellow, granular, hard
M8	1/2 MS	5	-	-	25	2	-	30	60	52.53±6.5 ^e	18	Yellow, granular, hard
M9	1/2 MS	5	-	-	-	2	-	30	60	40.74±2.05 ^g	18	Yellow, grain, loose
M10	1/2 MS	5	-	-	25	-	-	30	60	51.22±1.58 ^e	18	Yellow particles
M11	1/2 MS	5	-	-	25	-	0.2	30	60	60.63±7.5 ^d	15	Light yellow, granular
M12	1/2 MS	5	-	-	25	-	0.4	30	60	67±3.61 ^c	13	Light yellow, granular
M13	1/2 MS	5	-	-	25	-	0.6	30	60	78.67±5.13 ^a	12	Yellow, grain, loose
M14	1/2 MS	5	-	-	25	-	0.8	30	60	73.08±2.56 ^b	12	Yellow, grain, loose

Note: Different lowercase letters in the same column in the table indicate significant differences at 0.05 level