

Table (7): Means of branch number per rooted cuttings of *Dendrocalamus giganteus* as affected by IBA concentrations, type of cuttings and planting method at 3 and 7 months planting after during September and March propagation periods.

IBA con. "ppm" "A"	Type of cuttings "B"	Planting method "C"															
		September 2004								March 2005							
		Horizontally with one-node cutting		Vertically with one-node cutting		Vertically with 2-nodes cutting		Mean		Horizontally with one-node cutting		Vertically with one-node cutting		Vertically with 2-nodes cutting		Mean	
		Pl. age		Pl. age		Pl. age		Pl. age		Pl. age		Pl. age		Pl. age		Pl. age	
		3mth.	7mth.	3mth.	7mth.	3mth.	7mth.	3mth.	7mth.	3mth.	7mth.	3mth.	7mth.	3mth.	7mth.	3mth.	7mth.
control	Tip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	M.	1.0	1.1	1.0	1.2	1.0	1.0	1.0	1.1	1.2	2.1	1.3	2.0	1.0	1.0	1.2	1.7
	B.	1.2	1.7	1.1	1.5	1.0	1.1	1.1	1.4	1.4	1.9	1.4	2.0	1.0	1.0	1.3	1.6
Mean		0.7	0.9	0.7	0.9	0.7	0.7	0.7	0.8	1.2	1.7	1.2	1.7	1.0	1.0	1.2	1.4
50	Tip	1.1	1.3	1.0	1.2	1.0	1.0	1.0	1.2	1.0	1.2	1.1	1.1	1.0	1.0	1.0	1.1
	M.	1.3	1.6	1.1	1.7	1.0	1.2	1.1	1.5	1.6	2.2	1.5	2.3	1.0	1.0	1.4	1.8
	B.	1.8	2.6	1.6	2.3	1.1	1.4	1.5	2.1	1.7	2.3	1.6	2.3	1.1	1.5	1.5	2.0
Mean		1.4	1.8	1.2	1.7	1.0	1.2	1.2	1.6	1.4	1.9	1.4	1.9	1.0	1.2	1.3	1.7
100	Tip	1.3	1.6	1.3	1.6	1.0	1.0	1.2	1.4	1.1	1.5	1.0	1.2	1.0	1.0	1.0	1.2
	M.	1.5	1.8	1.3	1.9	1.1	1.4	1.3	1.7	1.7	2.2	1.8	2.3	1.1	1.2	1.5	1.9
	B.	1.8	2.7	1.7	2.6	1.2	1.6	1.6	2.3	1.9	2.7	2.1	2.9	1.3	1.8	1.8	2.5
Mean		1.5	2.0	1.4	2.0	1.1	1.3	1.4	1.8	1.6	2.1	1.6	2.1	1.1	1.3	1.4	1.9
200	Tip	1.4	1.8	1.3	1.6	1.0	1.2	1.2	1.5	1.2	1.8	1.2	1.6	1.0	1.0	1.1	1.5
	M.	1.4	1.8	1.4	1.8	1.1	1.3	1.3	1.6	1.6	2.2	1.6	2.1	1.0	1.2	1.4	1.8
	B.	1.7	2.1	1.6	2.4	1.2	1.7	1.5	2.1	1.6	2.3	1.7	2.4	1.3	1.8	1.5	2.2
Mean		1.5	1.9	1.4	1.9	1.1	1.4	1.3	1.7	1.5	2.1	1.5	2.0	1.1	1.3	1.3	1.8
G.mean		1.3	1.7	1.2	1.7	1.0	1.2	1.2	1.5	1.4	2.0	1.4	1.9	1.1	1.2	1.3	1.7
General effects of type of cuttings:																	
Tip		1.0	1.2	0.9	1.1	0.8	0.8	0.9	1.0	1.1	1.4	1.1	1.2	1.0	1.0	1.0	1.2
M.		1.3	1.6	1.2	1.7	1.1	1.2	1.2	1.5	1.5	2.2	1.6	2.2	1.0	1.1	1.4	1.8
B.		1.6	2.3	1.5	2.2	1.1	1.5	1.4	2.0	1.7	2.3	1.7	2.4	1.2	1.5	1.5	2.1
L.S.D at 0.05%	3mth.	A= 0.10 B= 0.06 AB= 0.15 C=0.06 AC= 0.11 BC= 0.11 ABC= N.S.								A= 0.03 B= 0.06 AB= 0.12 C= 0.06 A C= 0.11 BC= 0.08 ABC= 0.17							
	7mth.	A= 0.10 B= 0.06 AB= 0.12 C=0.06 AC= 0.11 BC= 0.11 ABC= 0.20								A= 0.14 B= 0.06 AB= 0.09 C= 0.06 C= N.S. BC= 0.11 ABC= 0.20							

Table (8): Means of plantlet length of *Dendrocalamus giganteus* as affected by IBA concentrations, type of cuttings and planting method at 3 and 7 months planting after during September and March propagation periods.

IBA con. "ppm" "A"		Type of cuttings "B"		Planting method "C"															
				September 2004								March 2005							
				Horizontally with one-node cutting		Vertically with one-node cutting		Vertically with 2-nodes cutting		Mean		Horizontally with one-node cutting		Vertically with one-node cutting		Vertically with 2-nodes cutting		Mean	
				Pl. age		Pl. age		Pl. age		Pl. age		Pl. age		Pl. age		Pl. age		Pl. age	
		3mth.	7mth.	3mth.	7mth.	3mth.	7mth.	3mth.	7mth.	3mth.	7mth.	3mth.	7mth.	3mth.	7mth.	3mth.	7mth.		
control	Tip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2	42.8	30.3	44.2	21.2	28.5	28.6	38.5		
	M.	18.2	25.0	16.3	23.2	12.2	18.7	15.6	22.3	42.6	63.6	38.5	60.3	27.3	33.2	36.1	52.4		
	B.	20.0	28.0	21.3	27.1	14.5	19.8	18.6	25.0	52.1	70.7	46.3	65.2	29.3	37.1	42.6	57.7		
Mean		12.7	17.7	12.5	16.8	8.9	12.8	11.4	15.8	43.0	59.0	38.4	56.6	25.9	32.9	35.8	49.5		
50	Tip	17.8	20.2	15.0	19.	12.1	15.8	15.0	18.5	36.7	57.9	35.1	50.0	27.0	35.6	32.9	47.8		
	M.	26.8	32.5	27.3	31.8	18.6	23.2	24.2	29.2	46.3	70.0	50.4	71.3	31.6	45.3	42.8	62.2		
	B.	39.3	66.0	37.9	62.8	20.5	28.6	32.6	52.5	58.3	82.7	53.2	73.5	36.1	50.0	49.2	68.7		
Mean		28.0	39.6	26.7	38.1	17.1	22.5	23.9	33.4	47.1	70.2	46.2	64.9	31.6	43.6	41.6	5.6		
100	Tip	26.7	32.6	22.0	30.1	15.2	19.2	21.3	27.3	45.9	63.8	45.2	58.5	31.4	43.7	40.8	55.3		
	M.	30.9	40.3	32.5	37.1	20.3	27.0	27.9	34.8	58.3	88.2	59.2	76.4	39.1	60.6	52.2	75.1		
	B.	46.8	75.6	49.6	68.0	28.3	39.8	41.6	61.1	63.4	91.9	60.0	80.3	51.2	68.3	58.2	80.1		
Mean		34.8	49.5	34.7	45.1	21.3	28.7	30.3	41.1	55.9	81.2	54.8	71.7	40.6	57.5	50.4	70.2		
200	Tip	22.1	30.7	21.8	26.8	14.7	19.4	19.5	25.6	42.0	62.2	40.8	53.8	32.3	40.2	38.4	52.1		
	M.	28.2	36.2	26.1	36.0	21.0	23.6	25.1	31.9	56.0	83.7	55.3	77.6	37.3	60.8	49.5	74.0		
	B.	40.2	60.1	35.6	54.3	27.1	35.6	34.3	50.0	60.1	87.6	57.3	81.1	40.1	60.1	52.5	76.3		
Mean		30.2	42.3	27.8	39.0	20.9	26.2	26.3	35.9	52.7	77.8	51.1	70.8	36.6	53.7	46.8	67.5		
G.mean		26.4	37.3	25.5	34.7	17.0	22.6	23.0	31.5	49.7	72.1	47.6	66.0	33.7	47.0	43.7	61.7		
General effects of type of cuttings:																			
Tip		16.7	20.9	14.7	19.1	10.5	18.0	13.6	14.0	17.9	39.7	56.7	37.9	51.6	28.0	37.0	48.4	35.2	
M.		26.0	33.5	25.6	32.0	22.6	23.1	23.2	29.6	50.8	76.4	50.9	71.4	33.8	50.0	65.9	45.2		
B.		36.6	57.4	36.1	53.1	31.0	31.8	47.1	58.5	83.2	54.2	75.0	39.2	53.9	70.7	50.6			
L.S.D at 0.05%	3mth.	A= 0.59 B= 0.69 AB= 1.38 C= 0.62 AC= 1.25 BC= 0.1.10 ABC= 2.18								A= 0.55 B= 0.60 AB= 1.23 C= 0.82 A C= 1.61 BC= 1.42 ABC= 2.80									
	7mth.	A= 1.70 B= 0.99 AB= 1.98 C= 1.02 AC= 2.04 BC= 1.78 ABC= 3.54								A= 1.11 B= 0.78 AB= 1.56 C= 0.71 A C= 1.39 BC= 1.22 ABC= 2.41									

