

Table 3 Effect of different levels of nitrogen and plant growth regulators on transpiration ($\mu\text{g H}_2\text{O cm}^{-2}\text{s}^{-1}$) different growth stages of banana cv. Ney Poovan.

Treatments	3 MAP		5 MAP		7 MAP		Harvest		Mean
Main Plot									
M ₁	6.33	(0.0)	8.04	(0.0)	7.68	(0.0)	2.18	(0.0)	6.06
M ₂	7.03	(11.1)	8.02	(0.2)	7.68	(0.0)	1.89	(-13.3)	6.15
M ₃	6.86	(8.4)	8.10	(0.7)	7.35	(-4.3)	2.10	(-3.7)	6.10
M ₄	6.72	(6.2)	8.07	(0.4)	7.37	(-4.0)	2.01	(-7.8)	6.04
Mean	6.73		8.06		7.52		2.05		6.09
CD (p=0.05)	0.002		0.001		0.001		0.005		
Sub Plot									
S ₁	7.35	(0.0)	8.87	(0.0)	8.31	(0.0)	2.24	(0.0)	6.69
S ₂	6.00	(-18.4)	7.17	(-19.5)	7.02	(-15.5)	1.65	(-26.3)	5.46
S ₃	6.32	(-14.0)	7.31	(-17.6)	6.91	(-16.8)	1.63	(-27.2)	5.54
S ₄	6.08	(-17.3)	7.43	(-16.2)	7.37	(-11.3)	2.09	(-6.7)	5.75
S ₅	5.75	(-21.8)	7.50	(-15.4)	6.53	(-21.4)	1.71	(-23.7)	5.37
S ₆	7.08	(-3.7)	8.54	(-3.7)	7.71	(-7.2)	2.18	(-2.7)	6.38
S ₇	7.63	(3.8)	8.86	(-0.1)	8.22	(-1.1)	2.53	(12.9)	6.81
S ₈	7.66	(4.2)	8.78	(-1.0)	8.09	(-2.6)	2.33	(4.0)	6.71
Mean	6.73		8.06		7.52		2.05		6.09
CD (p=0.05)	0.004		0.002		0.003		0.013		
Interaction CD									
CD (p=0.05)									
M at S	0.002		0.001		0.001		0.011		
S at M	0.003		0.001		0.003		0.011		

Note: Values in parentheses are per cent changes over respective control (M₁ and S₁)