

Table 1 Effect of different levels of nitrogen and plant growth regulators on stomatal resistance (s/cm) at different growth stages of banana cv. Ney Poovan.

Treatments	3 MAP		5 MAP		7 MAP		Harvest		Mean
Main Plot									
M <sub>1</sub>	1.33	(0.0)	4.89	(0.0)	6.96	(0.0)	6.96	(0.0)	5.04
M <sub>2</sub>	1.34	(0.8)	4.92	(0.6)	6.58	(-5.5)	6.58	(0.9)	4.86
M <sub>3</sub>	1.28	(-3.8)	4.84	(-1.0)	5.90	(-15.5)	5.90	(-8.5)	4.48
M <sub>4</sub>	1.43	(7.5)	4.27	(-12.7)	4.88	(-29.1)	4.88	(-5.7)	3.87
Mean	1.34		4.73		6.08		6.08		4.56
CD (p=0.05)	0.003		0.020		0.020		0.003		
Sub Plot									
S <sub>1</sub>	1.22	(0.0)	4.61	(0.0)	5.73	(0.0)	1.12	(0.0)	4.32
S <sub>2</sub>	1.46	(19.7)	4.96	(7.6)	6.22	(8.6)	1.68	(38.6)	4.71
S <sub>3</sub>	1.41	(15.6)	4.90	(6.3)	6.48	(13.1)	1.78	(27.7)	4.82
S <sub>4</sub>	1.33	(9.0)	4.76	(3.3)	6.72	(17.3)	1.38	(44.6)	4.88
S <sub>5</sub>	1.46	(19.7)	5.18	(12.4)	6.55	(14.3)	1.24	(49.4)	4.94
S <sub>6</sub>	1.29	(5.7)	4.44	(-3.7)	5.86	(2.3)	1.81	(24.1)	4.36
S <sub>7</sub>	1.33	(9.0)	4.46	(-3.3)	5.71	(-0.3)	1.13	(0.0)	4.30
S <sub>8</sub>	1.27	(4.1)	4.54	(-1.5)	5.37	(-6.3)	1.20	(4.8)	4.13
Mean	1.34		4.73		6.08		6.08		4.56
CD (p=0.05)	0.004		0.020		0.020		0.003		
Interaction CD									
CD (p=0.05)									
M at S	0.010		0.030		0.040		0.010		
S at M	0.010		0.030		0.040		0.010		

Note: Values in parentheses are per cent changes over respective control (M<sub>1</sub> and S<sub>1</sub>)