

Table 2 Effect of different levels of nitrogen and plant growth regulators on leaf temperature (°C) different growth stages of banana cv. Ney Poovan (Main effect)

Treatments	3 MAP		5 MAP		7 MAP		Harvest		Mean
Main Plot									
M ₁	30.3	(0.0)	29.6	(0.0)	28.1	(0.0)	27.2	(0.0)	28.8
M ₂	30.3	(0.0)	29.6	(0.0)	28.1	(0.0)	27.4	(0.7)	28.9
M ₃	29.9	(-1.3)	29.6	(0.0)	27.8	(-1.1)	27.0	(-0.7)	28.6
M ₄	29.3	(-3.3)	29.3	(-1.0)	27.9	(-0.7)	27.6	(1.5)	28.5
Mean	30.0		29.5		28.0		27.3		28.7
CD (p=0.05)	0.080		0.083		0.081		0.072		
Sub Plot									
S ₁	30.7	(0.0)	30.7	(0.0)	29.4	(0.0)	29.0	(0.0)	29.9
S ₂	29.0	(-5.5)	29.2	(-4.9)	27.2	(-7.5)	26.5	(-8.6)	28.0
S ₃	29.5	(-3.9)	28.5	(-7.2)	27.2	(-7.5)	27.5	(-5.2)	28.2
S ₄	29.6	(-3.6)	29.3	(-4.6)	27.4	(-6.8)	26.6	(-8.3)	28.2
S ₅	29.1	(-5.2)	28.4	(-7.5)	26.9	(-8.5)	26.3	(-9.3)	27.7
S ₆	30.6	(-0.3)	30.3	(-1.3)	28.7	(-2.4)	27.5	(-5.2)	29.3
S ₇	30.4	(-1.0)	29.3	(-4.6)	28.1	(-4.4)	27.5	(-5.2)	28.8
S ₈	30.6	(-0.3)	30.4	(-1.0)	29.0	(-1.4)	27.6	(-4.8)	29.4
Mean	30.0		29.5		28.0		27.3		28.7
CD (p=0.05)	0.080		0.089		0.087		0.079		
Interaction CD									
CD (p=0.05)									
M at S	0.184		0.184		0.171		0.165		
S at M	0.176		0.176		0.164		0.179		

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