

Supplementary Material

Barrier against water loss: relationship between epicuticular wax composition, gene expression and leaf water retention capacity in banana

Megha H. Sampangi Ramaiah^{A,B}, Ravishankar K. Venkataramana^{A,E}, Shivashankar K. Seetharamaiah^C, Tapas K. Roy^C, Laxman R. Hunashikatti^C, Ajitha Rekha^D and Pandurangaiah Shilpa^A

^ADivision of Biotechnology, ICAR – Indian Institute of Horticultural Research, Hessaraghatta Lake Post, Bengaluru-560089, India.

^BDepartment of Biotechnology, Centre for Post Graduate Studies, Jain University, Jayanagar 3rd Block, Bengaluru-560011, India.

^CDivision of Plant Physiology and Biochemistry, ICAR – Indian Institute of Horticultural Research, Hessaraghatta Lake Post, Bengaluru-560089, India.

^DDivision of Fruit Crops, ICAR – Indian Institute of Horticultural Research, Hessaraghatta Lake Post, Bengaluru-560089, India.

^ECorresponding author. Email: kv_ravishankar@yahoo.co.in

Table S1. The mean comparison of total cuticular wax content in different Musa genotypes by LSD

CD (at $P < 0.01$) = 138.0785

CV% = 2.78

Values with different superscript represents statistically significant ($P < 0.01$)

Musa genotypes	Mean cuticular wax content (in $\mu\text{g}/\text{dm}^2$)
NeyPoovan (AB)	2428 ^e
Nendran (AAB)	2612 ^f
Karpooravalli (ABB)	2788 ^g
Bhimaithia (BB)	3060 ^h
F ₁ -48	1216 ^a
F ₁ -103	1120 ^a
F ₁ -71	2116 ^{c,d}
F ₁ -107	2168 ^d
F ₁ -3	2032 ^c
F ₁ -115	2212 ^d
F ₁ -119	2052 ^c
<i>Musa balbisiana</i> ‘Bee hee kela’ (BB)	2760 ^g
<i>Musa acuminata</i> ssp. <i>Burmannicoides</i> – ‘Calcutta-4’ (AA)	1880 ^b