

Table 3 Effect of water stress on free amino acid (mg/g) at different growth stages of banana cultivars in main crop

Treatments	3 rd MAP	5 th MAP	7 th MAP	9 th MAP	Harvest	Mean
Main plot						
M ₁	9.45	11.86	12.49	10.70	7.88	10.47
M ₂	12.31	14.72	16.16	14.04	11.22	13.69
Mean	10.88	13.29	14.32	12.37	9.55	12.08
SEd	0.159	0.173	0.177	0.168	0.150	
CD (P=0.05)	0.686	0.746	0.764	0.723	0.648	
Sub plot						
S ₁	15.78	18.19	19.21	17.42	14.60	17.04
S ₂	14.13	16.54	17.41	15.62	12.80	15.30
S ₃	14.05	16.46	17.28	15.49	12.67	15.19
S ₄	10.30	12.71	13.17	11.38	8.56	11.22
S ₅	10.25	12.66	13.68	11.89	9.07	11.51
S ₆	10.14	12.55	13.42	11.63	8.81	11.31
S ₇	9.86	12.27	13.09	11.30	8.48	11.00
S ₈	9.53	11.94	12.40	10.61	7.79	10.45
S ₉	9.30	11.71	13.23	10.94	8.12	10.66
S ₁₀	9.19	11.60	13.12	10.83	8.01	10.55
S ₁₁	9.15	11.56	13.08	10.79	7.97	10.51
S ₁₂	8.83	11.24	12.76	10.47	7.65	10.19
Mean	10.88	13.29	14.32	12.37	9.55	12.08
SEd	0.143	0.168	0.174	0.155	0.126	
CD (P=0.05)	0.288	0.339	0.351	0.313	0.255	
M ₁ S ₁	14.35	16.76	17.39	15.60	12.78	15.38
M ₁ S ₂	12.70	15.11	15.74	13.95	11.13	13.73
M ₁ S ₃	12.62	15.03	15.66	13.87	11.05	13.65
M ₁ S ₄	8.87	11.28	11.91	10.12	7.30	9.90
M ₁ S ₅	8.82	11.23	11.86	10.07	7.25	9.85
M ₁ S ₆	8.71	11.12	11.75	9.96	7.14	9.74
M ₁ S ₇	8.43	10.84	11.47	9.68	6.86	9.46
M ₁ S ₈	8.10	10.51	11.14	9.35	6.53	9.13
M ₁ S ₉	7.87	10.28	10.91	9.12	6.30	8.90
M ₁ S ₁₀	7.76	10.17	10.80	9.01	6.19	8.79
M ₁ S ₁₁	7.72	10.13	10.76	8.97	6.15	8.75
M ₁ S ₁₂	7.40	9.81	10.44	8.65	5.83	8.43
M ₂ S ₁	17.21	19.62	21.04	19.25	16.43	18.71
M ₂ S ₂	15.56	17.97	19.09	17.30	14.48	16.88
M ₂ S ₃	15.48	17.89	18.91	17.12	14.30	16.74
M ₂ S ₄	11.73	14.14	14.42	12.63	9.81	12.55
M ₂ S ₅	11.68	14.09	15.51	13.72	10.90	13.18
M ₂ S ₆	11.57	13.98	15.10	13.31	10.49	12.89
M ₂ S ₇	11.29	13.70	14.72	12.93	10.11	12.55
M ₂ S ₈	10.96	13.37	13.65	11.86	9.04	11.78
M ₂ S ₉	10.73	13.14	15.56	12.77	9.95	12.43
M ₂ S ₁₀	10.62	13.03	15.45	12.66	9.84	12.32
M ₂ S ₁₁	10.58	12.99	15.41	12.62	9.80	12.28
M ₂ S ₁₂	10.26	12.67	15.09	12.30	9.48	11.96
Mean	10.88	13.29	14.32	12.37	9.55	12.08
SEd						
M at S	0.251	0.286	0.295	0.269	0.228	
S at M	0.202	0.237	0.246	0.219	0.179	
CD (P=0.05)						
M at S	0.737	0.817	0.839	0.783	0.688	
S at M	0.408	0.478	0.497	0.442	0.361	