

Table 10 Correlation co-efficient among characters in treatments of AMF and GM in *Amaranthus* genotype

	PH	NL	SL	SG	LL	LB	IL	IB	NI	NB	Wet yield of inflorescent	Dried yield of inflorescent	Wet leaf	Dried leaf	Genotype	Treatment
PH																
NL	0.26															
SL	0.89**	0.42														
SG	0.40	0.68**	0.64**													
LL	0.37	0.61**	0.52*	0.75**												
LB	0.54*	0.40	0.65**	0.64**	0.67**											
IL	0.62**	-0.11	0.24	-0.18	-0.05	-0.02										
IB	0.60**	-0.07	0.25	-0.02	0.10	0.10	0.91**									
NI	0.41	-0.05	0.16	0.01	0.24	0.05	0.73**	0.78**								
NB	0.16	0.77**	0.42	0.69**	0.58*	0.25	-0.23	-0.20	-0.03							
Wet yield of inflorescent	0.31	0.31	0.20	0.15	0.21	0.28	0.36	0.35	0.13	0.14						
Dried yield of Inflorescent	0.11	0.17	0.07	0.13	0.13	0.15	0.11	0.19	0.01	0.04	0.69**					
Wet leaf	0.46	0.61**	0.59*	0.77**	0.60**	0.57*	-0.05	0.09	0.05	0.49	0.15	0.06				
Dried leaf	0.49	0.57*	0.60**	0.73**	0.59*	0.55*	0.03	0.17	0.10	0.46	0.18	0.08	0.95			
Genotype	0.13	-0.37	-0.03	-0.26	-0.36	-0.08	0.16	0.13	0.07	-0.35	-0.37	-0.42	-0.16	-0.19		
Treatment	0.10	-0.13	0.08	-0.03	-0.13	0.13	0.07	0.08	0.04	-0.14	0.05	0.00	0.08	0.08	0.0000	
Replicate	-0.02	-0.04	-0.11	-0.08	0.06	0.02	0.09	0.18	0.13	-0.03	-0.05	0.01	0.05	0.03	0.0000	0.0000

Note: PH: Plant Height; NL: Number of leaves; SL: Stem Length; SG: Stem Girth; LL: Leaf Length; LB: Leaf Width; NI: Number of Inflorescent; IL: Inflorescent Length; IB: Inflorescent Width; NB: Number of Branches