

Table 1. Analysis of variance for seed cotton yield and physiological parameters

Source	D.f.	Mean Sum of Square			
		Seed cotton yield (kg/ha)	Photosynthetic rate ($\mu\text{mol CO}_2 \text{ m}^{-2} \cdot \text{s}^{-1}$)	Stomatal conductance ($\mu\text{mol m}^{-2} \cdot \text{s}^{-1}$)	Transpiration rate ($\text{mmol H}_2\text{O m}^{-2} \cdot \text{s}^{-1}$)
		1	2	3	4
Replications	1	470122.81	35.94*	0.00009	18.10**
Geotypes	153	575226.37**	75.21**	0.16**	8.16**
Error	153	134348.79	5.94	0.01	1.36
S.E d		273.03	1.64	0.05	0.55
CD@ 5%		765.14	4.60	0.14	1.55
C.D. 1%		1011.98	6.09	0.18	2.05