

Table 1 Fitting accuracy and mean square error of various chlorophyll fluorescence parameters obtained by successfully performing curve fitting with appropriate curve fitting methods selected using Origin under different treatments.

Treatments Fluorescence		T1	T2	T3	T4	T5	T6
F _v /F _m	R ²	0.99312	0.98643	0.97811	0.98478	0.98567	0.97284
	RMSE	0.3483	0.53153	0.67343	0.58542	0.53332	0.80535
Y(II)	R ²	0.98578	0.97676	0.96692	0.97609	0.98492	0.98834
	RMSE	0.50699	0.67718	0.95222	0.66737	0.53472	0.46871
F _m	R ²	0.97569	0.97424	0.95587	0.98136	0.98152	0.71713
	RMSE	0.68233	0.67966	0.90036	0.61955	0.61411	0.75491
NPQt	R ²	0.99205	0.99124	0.97371	0.98287	0.98171	0.9685
	RMSE	0.3766	0.43178	0.72732	0.62127	0.61248	0.8571
Y(NPQ)	R ²	0.98848	0.97985	0.96813	0.94921	0.98229	0.94851
	RMSE	0.45446	0.65225	0.79292	1.03195	0.58702	1.01462
Y(NO)	R ²	0.99128	0.95503	0.93129	0.9533	0.97127	0.96366
	RMSE	0.39241	1.02826	1.30172	1.09253	0.78387	1.05324
SPAD	R ²	0.94334	0.98268	0.98978	0.93037	0.94938	0.9836
	RMSE	1.06729	0.55493	0.42518	1.16859	1.03603	0.58377