

Table 4S. *ANOVA* results of effect of micronutrient deficiency and varieties on quantum yields and specific energy fluxes (per QA-reducing PSII reaction center). ** – significant ($P \leq 0.01$), * -significant ($P \leq 0.05$) and ^{ns}- no significant ($P \geq 0.05$).

Source of variations	Df	P value								
		Ψ_o	Φ_{do}	ϕ_{ET20}	Φ_{rel0}	PI abs	PI tot	Tr0/rc	Et0/rc	DW
Nutrient deficiency (ND)	3	0.0001**	0.0001**	0.0001**	0.0012**	0.0001**	0.0001*	0.0001**	0.0001**	0.0001**
Varieties (V)	1	0.0001**	0.0001**	0.005**	0.07 ^{ns}	0.0001**	0.0001*	0.08	0.0002**	0.02*
ND $\times$ V	3	0.0005**	0.0001**	0.01**	.02*	0.0002**	0.0001*	0.0001**	0.0001**	0.04*
Error (Means square)	16	0.00004	0.000007	0.00004	0.0004	0.02	0.0004	0.004	0.002	0.51
CV%		0.52	1.06	1.28	5.15	6.57	5.52	2.89	3.35	7.16

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