

Table II. Concentrations of DNA, Chl, PPDK, and RuBPCase Protein and Specific Activities in 10 Maize Genotypes

Plants were grown for 40 ± 3 d in a growth chamber. Data represent means of six replications.

Genotype	DNA	Chl	RuBPCase		PPDK	
			Protein	Activity	Protein	Activity
	$mg \cdot g^{-1} \text{ fresh wt}$	$mg \cdot g^{-1} \text{ fresh wt}$	$\mu mol \cdot min^{-1} \cdot mg^{-1} \text{ RuBPCase}$	$\mu mol \cdot min^{-1} \cdot mg^{-1} \text{ PPDK}$	$mg \cdot g^{-1} \text{ fresh wt}$	$\mu mol \cdot min^{-1} \cdot mg^{-1} \text{ PPDK}$
Mo17	0.168	0.90	2.33	2.23	0.78	7.75
A632	0.218	1.15	2.80	2.10	0.94	4.43
W37A	0.249	1.19	3.57	2.15	1.04	6.37
Oh43	0.231	1.24	3.09	2.05	0.73	4.90
W64A	0.218	1.12	3.10	2.24	0.69	6.68
B73	0.209	1.36	3.23	1.98	0.83	6.50
Mo17 \times W37A	0.249	1.06	2.70	2.19	0.75	7.16
Mo17 \times B73	0.181	1.13	2.58	2.08	0.75	6.98
A632 \times Oh43	0.265	1.09	2.62	2.27	0.79	4.69
W37A \times Oh43	0.251	1.19	3.21	1.95	0.78	6.65
Mean	0.224	1.14	2.92	2.12	0.81	6.21
LSD (0.05)	0.038	0.24	0.63	NS	NS	1.14