



Corrigendum

El-Nwehy SS, DH Sary, RRM Afify (2022). Foliar Application of Proline Improves Salinity Tolerance in Maize by Modulating Growth and Nutrient Dynamics. *Intl J Agric Biol* 27:270–276 DOI: 10.17957/IJAB/15.1925

On page 272, line 7–9, the sentence may be read as:

The **harvested** samples from leaves **and grain** were also taken for determination of nutrients (N, K, Ca, Na, Mg, Fe, Mn, Zn and Cu) by method as described by Cotteneo *et al.* (1982).

Corrected Tables 3, 4 and 5 on page 273 may be read as:

Table 3: Effect of foliar proline application on biochemical parameters, yield and its components of Maize grown in saline calcareous soil

Foliar application of proline (mg/L)	Leaves		Grains		100-grains weight (g)	Grain yield (t ha ⁻¹)	Grain oil contents (%)
	Chlorophyll index	Proline µg/g	Protein %	Carbohydrates %			
Control	29.67 c	17.95 d	5.48	86.02 b	30.67 c	3.48c	1.74 b
100	33.73 bc	37.62 c	5.63	87.37 a	35.33 b	4.03c	1.94 b
200	34.10 abc	75.93 b	5.83	87.30 a	38.67 ab	6.12b	2.10 b
300	40.17 a	111.32 a	5.83	87.15 a	39.67 a	7.85a	2.68 a
400	39.17 ab	115.53 a	5.75	87.73 a	41.33 a	8.95a	3.11 a
LSD 5%	6.42	17.06	N.S	0.89	3.51	1.45	0.52

Combined analysis of two successive seasons

Table 4: Effect of foliar proline application on leaves nutrients content of Maize grown in saline calcareous soil

Foliar application of proline (mg/L)	%					K/Na ratio	mg/L			
	N	K	Ca	Na	Mg		Fe	Mn	Zn	Cu
Control	1.37 c	1.90 c	0.45 d	2.83 a	0.28 c	0.67 c	90.67 c	33.0 b	18.0 d	11.0 d
100	1.80 b	2.10 b	0.46 cd	2.67 ab	0.28 c	0.79 b	106.67 bc	35.67 ab	20.67 cd	18.0 cd
200	2.03 b	2.17 ab	0.49 c	2.60 b	0.29 bc	0.83 ab	108.33 bc	36.67 ab	23.33 bc	26.67 bc
300	2.50 a	2.20 ab	0.54 b	2.57 b	0.33 a	0.86 ab	147.33 a	38.67 a	27.33 b	34.0 b
400	2.07 b	2.33 a	0.70 a	2.53 b	0.31 ab	0.92 a	128.0 ab	40.67 a	36.33 a	43.33 a
LSD 5%	0.3902	0.1758	0.0407	0.2048	0.0247	0.1058	21.485	5.478	4.481	8.9373

Combined analysis of two successive seasons

Table 5: Effect of foliar proline on nutrients content in grains of Maize grown in saline calcareous soil

Foliar application of proline (mg/L)	%					K/Na ratio	mg/L			
	N	K	Ca	Na	Mg		Fe	Mn	Zn	Cu
Control	0.88	0.31 b	0.16 b	2.83 a	0.055 d	0.71 c	90.67 c	33.0 b	18.0 d	11.0 d
100	0.90	0.32 ab	0.16 ab	2.67 ab	0.057 cd	0.77 c	106.67 bc	35.67 ab	20.67 cd	18.0 cd
200	0.93	0.34 a	0.17 a	2.60 b	0.061 bc	0.89 b	108.33 bc	36.67 ab	23.33 bc	26.67 bc
300	0.93	0.33 a	0.17 a	2.57 b	0.066 a	0.94 ab	147.33 a	38.67 a	27.33 b	34.0 b
400	0.92	0.33 ab	0.17 ab	2.53 b	0.063 ab	0.98 a	128.0 ab	40.67 a	36.33 a	43.33 a
LSD 5%	N.S	0.02	0.01	0.2048	0.01	0.08	21.485	5.478	4.481	8.9373

Combined analysis of two successive seasons