Supplementary Material

1 Supplementary Tables

Supplementary Table S1. Correlation matrix (Pearson (n)) between mineral nutrients in mustard (**A**), beet (**B**) and basil (**C**) microgreens.

A

Variables	K	Ca	Mg	P	S	Fe	Zn	Mn
K	**1**							
Ca	**0.785**	**1**						
Mg	0.688	**0.965**	**1**					
P	**0.830**	**0.989**	**0.966**	**1**				
S	0.649	**0.947**	**0.973**	**0.952**	**1**			
Fe	-0.244	0.382	0.507	0.329	0.564	**1**		
Zn	**0.808**	**0.864**	**0.791**	**0.894**	**0.869**	0.210	**1**	
Mn	**0.904**	**0.822**	**0.757**	**0.873**	**0.806**	0.011	**0.962**	**1**

B

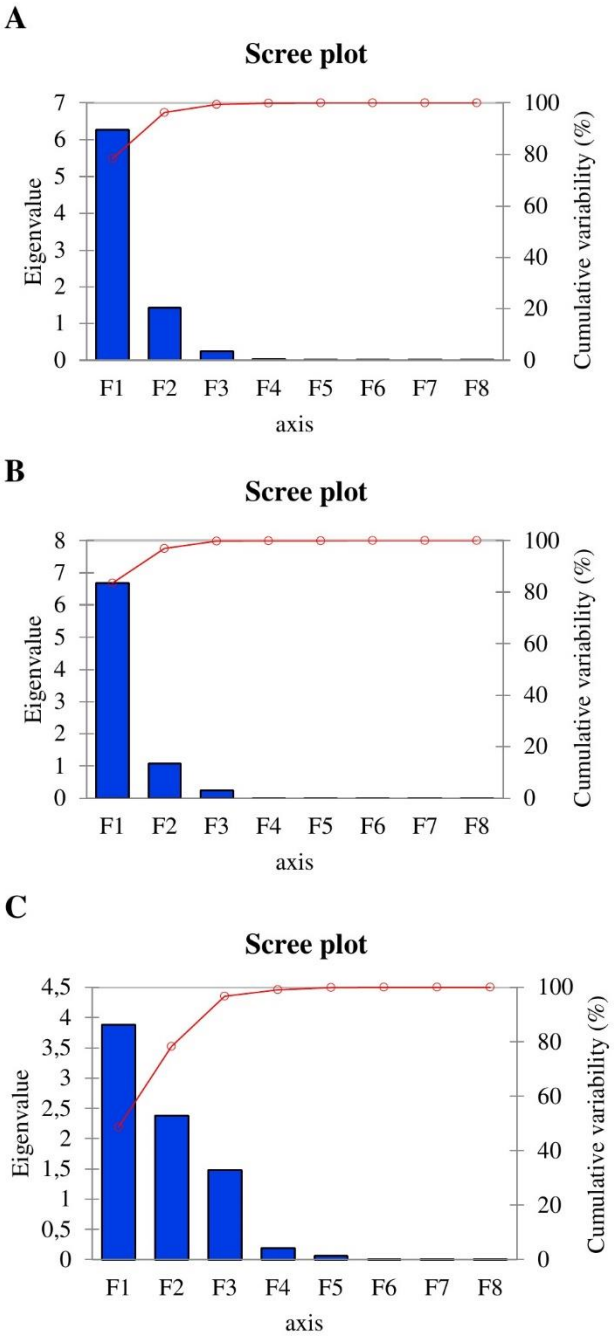
Variables	K	Ca	Mg	P	S	Fe	Zn	Mn
K	**1**							
Ca	0.484	**1**						
Mg	0.422	**0.995**	**1**					
P	0.512	**0.998**	**0.994**	**1**				
S	0.446	**0.999**	**0.997**	**0.996**	**1**			
Fe	0.694	**0.762**	**0.737**	**0.779**	**0.753**	**1**		
Zn	0.198	**0.946**	**0.970**	**0.940**	**0.957**	0.585	**1**	
Mn	0.371	**0.975**	**0.986**	**0.974**	**0.978**	0.624	**0.977**	**1**

C

Variables	K	Ca	Mg	P	S	Fe	Zn	Mn
K	**1**							
Ca	0.642	**1**						
Mg	**-0.729**	-0.117	**1**					
P	0.619	**0.828**	-0.089	**1**				
S	0.317	**0.807**	0.160	**0.850**	**1**			
Fe	0.456	0.252	0.029	0.244	-0.082	**1**		
Zn	0.529	0.456	-0.666	0.376	0.461	-0.484	**1**	
Mn	-0.519	-0.136	**0.884**	-0.127	-0.063	0.460	**-0.880**	**1**

Values in bold are different from 0 with a significance level alpha=0.01.

2 Supplementary Figures



Supplementary Figure S1. Scree plot of mustard (A), beet (B), and basil (C) microgreens under radiation treatments.