

Table S1. Correlation matrix with the Pearson coefficient values for all the measured traits in turnip greens microgreens.

	FY	DY	Height	FW	% DM	Chl <i>a</i>	Chl <i>b</i>	Chl <i>a+b</i>	Car	Chl <i>a/b</i>	Chl/Car	AscA	TPC	DPPH	Nitrate	Sugars
FY	-	0.904***	0.188ns	0.260ns	-0.308ns	0.627*	0.442ns	0.561*	0.702*	-0.122ns	0.555ns	0.373ns	-0.366ns	-0.084ns	0.0164ns	0.404ns
DY		-	-0.106ns	0.310ns	0.127ns	0.461ns	0.271ns	0.390ns	0.584*	0.0649ns	0.286ns	0.329ns	-0.053ns	0.157ns	0.0694ns	0.207ns
Height			-	-0.0716ns	-0.674*	0.316ns	0.298ns	0.315ns	0.297ns	-0.292ns	0.328ns	0.571ns	-0.756**	-0.626*	-0.397ns	0.480ns
FW				-	0.0671ns	-0.014ns	-0.093ns	-0.0478ns	0.143ns	0.240ns	-0.232ns	-0.028ns	0.322ns	0.471ns	-0.040ns	-0.372ns
% DM					-	-0.417ns	-0.399ns	-0.417ns	-0.338ns	0.394ns	-0.602*	-0.122ns	0.722**	0.495ns	0.130ns	-0.460ns
Chl <i>a</i>						-	0.922***	0.987***	0.810**	-0.676*	0.594*	0.302ns	-0.577*	-0.244ns	0.155ns	0.303ns
Chl <i>b</i>							-	0.973***	0.522ns	-0.891***	0.610*	0.374ns	-0.535ns	-0.391ns	0.226ns	0.336ns
Chl <i>a+b</i>								-	0.704*	-0.780**	0.612*	0.338ns	-0.571ns	-0.311ns	0.188ns	0.323ns
Car									-	-0.145ns	0.362ns	0.130ns	-0.486ns	0.0469ns	-0.018ns	0.156ns
Chl <i>a/b</i>										-	-0.610*	-0.351ns	0.442ns	0.551ns	-0.174ns	-0.335ns
Chl/Car											-	0.227ns	-0.590*	-0.581*	-0.048ns	0.697*
AscA												-	-0.545ns	-0.620*	0.133ns	0.495ns
TPC													-	0.680*	-0.063ns	-0.730**
DPPH														-	-0.139ns	-0.583*
Nitrate															-	-0.111ns
Sugars																-

FY = fresh yield; DY = dry yield; Height = seedling height; FW = seedling fresh weight; %DM = dry matter percentage; Chl *a* = chlorophyll *a*; Chl *b* = chlorophyll *b*; Chl *a+b* = total chlorophyll; Car = carotenoids; AscA = ascorbic acid; TPC = total phenol compound. Statistical significance at 0.001 (***), 0.01 level (**), 0.05 level (*), or not significant (ns) bilateral, using Pearson correlation test in SigmaPlot. Signalling (-) reveals the negative relation between parameters or in its absence, their positive correlation.

Table S2. Correlation matrix with the Pearson coefficient values for all the measured traits in radish microgreens.

	FY	DY	Height	FW	% DM	Chl <i>a</i>	Chl <i>b</i>	Chl <i>a+b</i>	Car	Chl <i>a/b</i>	Chl/Car	AscA	TPC	DPPH	Nitrate	Sugars
FY	-	0.905***	-0.180ns	0.769**	-0.789**	0.487ns	0.371ns	0.449ns	0.499ns	-0.051ns	0.397ns	-0.743**	0.321ns	0.166ns	-0.863***	-0.502ns
DY		-	-0.239ns	0.511ns	-0.461ns	0.311ns	0.193ns	0.271ns	0.288ns	0.110ns	0.239ns	-0.594*	0.119ns	-0.023ns	-0.839***	-0.399ns
Height			-	-0.126ns	0.018ns	0.208ns	0.279ns	0.235ns	0.325ns	-0.428ns	0.193ns	0.017ns	0.065ns	0.171ns	0.119ns	-0.164ns
FW				-	-0.861***	0.262ns	0.220ns	0.249ns	0.260ns	-0.120ns	0.216ns	-0.524ns	0.37ns	0.121ns	-0.604*	-0.197ns
% DM					-	-0.587*	-0.503ns	-0.561ns	-0.640*	0.254ns	-0.497ns	0.761**	-0.550ns	-0.451ns	0.672**	0.552ns
Chl <i>a</i>						-	0.970***	0.996*	0.932***	-0.668*	0.978***	-0.772***	0.576*	0.419ns	-0.453ns	-0.851***
Chl <i>b</i>							-	0.988***	0.853***	-0.823***	0.993***	-0.670*	0.590*	0.426ns	-0.326ns	-0.801***
Chl <i>a+b</i>								-	0.910***	-0.728***	0.990***	-0.741***	0.585*	0.424ns	-0.411ns	-0.839***
Car									-	-0.478ns	0.845***	-0.738**	0.442ns	0.396ns	-0.427ns	-0.775**
Chl <i>a/b</i>										-	-0.778***	0.309ns	-0.564ns	-0.404ns	0.020ns	0.533ns
Chl/Car											-	-0.700*	0.600*	0.407ns	-0.372ns	-0.819**
AscA												-	-0.572ns	-0.542ns	0.786**	0.855***
TPC													-	0.733**	-0.559*	-0.710**
DPPH														-	-0.347ns	-0.722**
Nitrate															-	0.649*
Sugars																-

FY = fresh yield; DY = dry yield; Height = seedling height; FW = seedling fresh weight; %DM = dry matter percentage; Chl *a* = chlorophyll *a*; Chl *b* = chlorophyll *b*; Chl *a+b* = total chlorophyll; Car = carotenoids; AscA = ascorbic acid; TPC = total phenol compound. Statistical significance at 0.001 (***), 0.01 level (**), 0.05 level (*), or not significant (ns) bilateral, using Pearson correlation test in SigmaPlot. Signalling (-) reveals the negative relation between parameters or in its absence, their positive correlation.