



Table S6. The comparative effect between dried algae fertilization from 1st treatment (July – Sep. 2019) and dried algae fertilization from 2nd treatment (Aug. – Oct. 2019) on the plant parameters during the early growth stage (7 weeks) of “Rehan” cultivar.

Parameters	Algae fertilization from 1 st treatment (July – Sep. 2019)	Algae fertilization from 2 nd treatment (Aug. – Oct. 2019)	Sig.
No. of tillers	1 ± 0.0	6.8 ± 3.5	0.022
No. of ears	0.0 ± 0.0	0.17 ± 0.41	0.317
Leaf area [cm ²]	3.10 ± 0.30	577.4 ± 460.98	0.053
Shoot dry weight [g]	0.025 ± 0.014	2.62 ± 1.49	0.013
Root dry weight [g]	0.01 ± 0.0	0.61 ± 0.38	0.007
Shoot/Root dry weight	2.5 ± 1.38	4.53 ± 0.93	0.030
Root length [cm]	36.23 ± 7.44	2151.95 ± 1627.70	0.004
Root area [cm ²]	2.47 ± 0.46	956.16 ± 889.92	0.004
Avg. diameter [mm]	0.22 ± 0.016	0.50 ± 0.12	0.004

Note: p-value are displayed in bold script when $p \leq 0.05$

Different letters in significance column indicate Mann-Whitney U Test , the value represent mean ± standard deviation in categories column