Pakistan J. Zool., vol. 50(3), pp 897-902, 2018. **DOI**: http://dx.doi.org/10.17582/journal.pjz/2018.50.3.897.902

Supplementary Material

Interaction between Nematode Inoculum Density and Plant Age on Growth and Yield of Cucumber and Reproduction of *Meloidogyne incognita*

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0030-9923/2018/0003-0897 $ 9.00/0

Supplementary Table I.- Analysis of variance regarding growth parameters of cucumber infested with *Meloidogyne incognita* and nematode infestations on cucumber.

Parameter	Age (A)	Inoculum level (L)	A × L
Reduction in shoot length	F = 829.08 df = 2,74 P < 0.001 LSD = 0.778	F = 2735.89 df = 4, 74 P < 0.001 LSD = 1.005	F = 39.87 df = 8, 74 P < 0.001 LSD = 1.740
Reduction in root length	F = 111.43 df = 2, 74 P < 0.001 LSD = 1.626	F = 317.02 df = 4, 74 P < 0.001 LSD = 2.099	F = 5.61 df = 8, 74 P < 0.001 LSD = 3.635
Reduction in fruit yield	F = 8.34 df = 2, 74 P < 0.001 LSD = 6.34	F = 65.56 df = 4, 74 P < 0.001 LSD = 4.91	F = 0.43 df = 8, 74 P = 0.898 LSD = 10.97
Number of galls	F = 328.31 df = 2, 74 P < 0.001 LSD = 0.836	F = 6528.7 df = 4, 74 P < 0.001 LSD = 1.080	F = 7.01 df = 8, 74 P < 0.001 LSD = 1.870
Reproductive factor	F = 23.10 df = 2, 74 P < 0.001 LSD = 0.505	F = 451.12 df = 4, 74 P < 0.001 LSD = 0.652	F = 2.86 df = 8, 74 P = 0.010 LSD = 1.129

$P \leq 0.01$, highly significant; $P \leq 0.05$, significant; $P \geq 0.05$, non-significant.

Supplementary Table II.- Pearson correlation analysis (2-tailed) between different parameters and inoculum densities and plant ages at the time of inoculation.

Parameter	Correlation with	
	Inoculum level	Plant age
Reduction in shoot length	-0.875**	0.351**
Reduction in root length	-0.853**	0.372**
Reduction in fruit yield	-0.880**	0.224
Number of galls	0.844**	0.155
Reproductive factor	-0.883**	0.152

** Correlation is significant at $P = 0.01$.

Supplementary Table III.- Regression equations showing relationships between plant ages and inoculum levels regarding growth, yield and nematode reproduction.

Parameter	Plant age	Regression equations	R^2
Reduction in shoot length	2 Week	13.688x - 2.296	0.9886
	3 Week	11.43x - 5.458	0.9627
	4 Week	9.578x - 5.594	0.9204
Reduction in root length	2 Week	10.14x - 1.288	0.983
	3 Week	8.018x + 0.158	0.9837
	4 Week	6.738x - 3.13	0.982
Reduction in fruit yield	2 Week	12.73x - 10.706	0.9906
	3 Week	11.481x - 11.397	0.9766
	4 Week	9.645x - 11.111	0.9631
Number of galls	2 Week	18.918x + 18.562	0.9829
	3 Week	19.52x + 21.6	0.9662
	4 Week	19.16x + 28.52	0.9604
Reproductive factor	2 Week	-2.751x + 16.133	0.9771
	3 Week	-2.965x + 17.385	0.9929
	4 Week	-3.514x + 20.114	0.9948