

Table S1. Pearson correlation between mycorrhizal parameters as influenced by long-term treatments

V1	Intensity	Arbuscules	Vesicles	Non-Mycorrhizal areas	Mycorrhizal /non-mycorrhizal report	Colonization degree	Arbuscules /Vesicles report
Frequency	0.84	0.21	0.21	-0.84	0.59	0.88	0.12
Intensity		0.20	0.17	-1.00	0.84	0.97	0.08
Arbuscules			-0.08	-0.20	0.13	0.21	0.42
Vesicles				-0.17	0.09	0.17	0.00
Non-Mycorrhizal areas					-0.84	-0.97	-0.08
Mycorrhizal /non-mycorrhizal report						0.84	0.04
Colonization degree							0.10
V2	Intensity	Arbuscules	Vesicles	Non-Mycorrhizal areas	Mycorrhizal /non-mycorrhizal report	Colonization degree	Arbuscules /Vesicles report
Frequency	0.85	0.14	0.31	-0.85	0.29	0.86	0.07
Intensity		0.07	0.38	-1.00	0.50	0.98	0.03
Arbuscules			-0.11	-0.07	-0.03	0.07	0.38
Vesicles				-0.38	0.22	0.40	-0.02
Non-Mycorrhizal areas					-0.50	-0.98	-0.03
Mycorrhizal /non-mycorrhizal report						0.51	-0.02
Colonization degree							0.03
V3	Intensity	Arbuscules	Vesicles	Non-Mycorrhizal areas	Mycorrhizal /non-mycorrhizal report	Colonization degree	Arbuscules /Vesicles report
Frequency	0.88	0.25	0.20	-0.88	0.88	0.69	0.12
Intensity		0.30	0.18	-1.00	0.96	0.91	0.19
Arbuscules			0.02	-0.30	0.32	0.37	0.53
Vesicles				-0.18	0.18	0.13	0.06
Non-Mycorrhizal areas					-0.96	-0.91	-0.19
Mycorrhizal /non-mycorrhizal report						0.92	0.22

Colonization degree

0.34

V5	Intensity	Arbuscules	Vesicles	Non-Mycorrhizal areas	Mycorrhizal /non-mycorrhizal report	Colonization degree	Arbuscules /Vesicles report
Frequency	0.93	0.24	0.36	-0.93	0.70	0.89	0.10
Intensity		0.20	0.34	-1.00	0.87	0.96	0.08
Arbuscules			-0.01	-0.20	0.09	0.18	0.34
Vesicles				-0.34	0.29	0.35	0.05
Non-Mycorrhizal areas					-0.87	-0.96	-0.08
Mycorrhizal /non-mycorrhizal report						0.90	0.04
Colonization degree							0.07

V5	Intensity	Arbuscules	Vesicles	Non-Mycorrhizal areas	Mycorrhizal /non-mycorrhizal report	Colonization degree	Arbuscules /Vesicles report
Frequency	0.92	0.17	0.19	-0.92	0.90	0.83	0.03
Intensity		0.20	0.18	-1.00	0.94	0.96	0.04
Arbuscules			-0.03	-0.20	0.19	0.20	0.19
Vesicles				-0.18	0.20	0.17	0.04
Non-Mycorrhizal areas					-0.94	-0.96	-0.04
Mycorrhizal /non-mycorrhizal report						0.96	0.02
Colonization degree							0.03

Note: Marked (red color) values present non-significant differences at $p < 0.05$. V1 (control variant) – untreated; V2 – organic (manure) treatment – 10 t ha⁻¹ manure; V3 – low-mineral organic treatment – 10 t ha⁻¹ manure + 50 N 25 P₂O₅ 25 K₂O; V4 – mineral treatment – 100 N 50 P₂O₅ 50 K₂O; V5 – high-mineral organic treatment - 10 t ha⁻¹ manure + 100 N 50 P₂O₅ 50 K₂O.