

Table S1: Soil characteristics in the conventional (“ConMin” of the DOK-trial) and the organic (“BioDyn”) farming system. Mean \pm SE.

	Farming system	
	conventional	organic
pH (in water)	6.03 \pm 0.1	6.63 \pm 0.04
WHC (0-10 cm) [%]	39.16 \pm 0.89	42.03 \pm 1.23
bulk density (0-10 cm) [g/cm ³]	1.21 \pm 0.02	1.17 \pm 0.03
C _{tot} [%]	1.27 \pm 0.05	1.60 \pm 0.03
N _{tot} [%]	0.13 \pm 0	0.17 \pm 0
PO ₄ -P [μ g/g DW]	0.00104 \pm 0.00005	0.001 \pm 0.00005
P [mg/g DW]	0.827 \pm 0.014	0.801 \pm 0.024