

Table S1 Mean values of soil characteristics of upper (0-20 cm) soil in the agricultural plot located in Louvain-la-Neuve (Avenue Baudouin I). Each value is the mean of 3 biological replicates.

Parameters	
pH	$6.86 \pm 0.23$
Soil humidity	$52 \pm 4.8$
Electrical conductivity (mS cm <sup>-1</sup> )	$0.84 \pm 0.1$
<u>Element concentration (g kg<sup>-1</sup> soil)</u>	
Ca	$7.1 \pm 0.5$
Fe	$19 \pm 0.52$
K	$18 \pm 0.57$
Mg	$8.4 \pm 0.27$
Na	$7.4 \pm 0.16$
S	$0.37 \pm 0.3$