Table S1 - Main soil characteristics (± standard deviation of 4 replicates) at the beginning of the experimentation (adapted form Baldi et al., 2018).

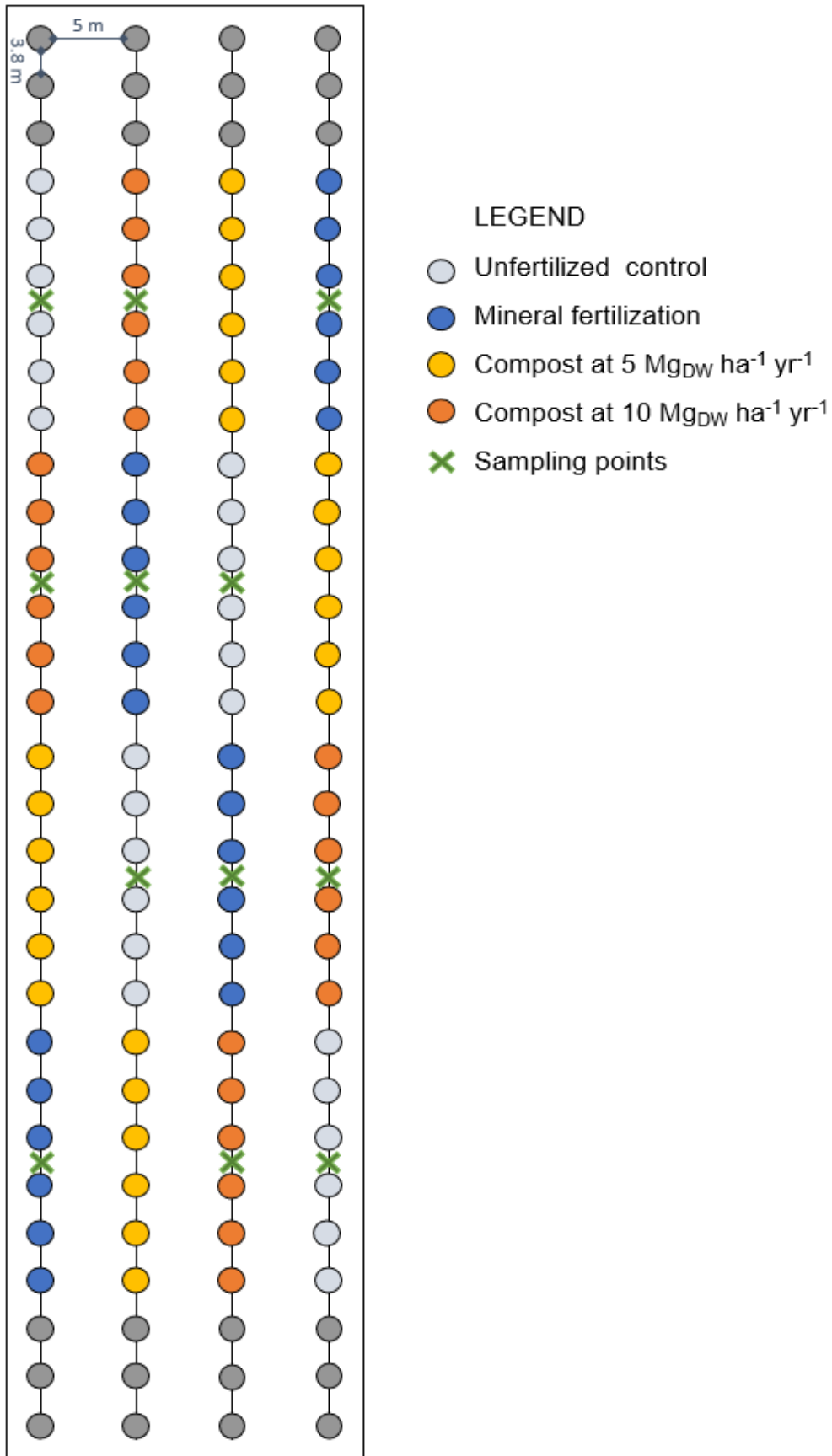| Soil parameter	Unit	
Sand	%	7 ± 2
Silt	%	67 ± 1
Clay	%	26 ± 2
pH		7.8 ± 0.1
Cation exchange capacity	$cmol_+ \ kg^{-1}$	10.1 ± 2.0
Electrical conductivity	$\mu S \ cm^{-1}$	200 ± 8
Total carbonate	$\% \ CaCO_3$	30.5 ± 1.3
Organic Matter	%	1.68 ± 0.13
Total N	‰	0.95 ± 0.13
Available P	$mg \ kg^{-1}$	18.7 ± 1.0

Figure S1 – Layout of the experimental field as described in Baldi et al. (2018).