

Table S2. Soil properties in fertilized and non-fertilized samples.

Sample/ plot	Sampling time	Plot treatment	pH value (+KCl) \pm SD	Water content \pm SD (%)	C/N
fe1.apr10	spring 2010	fertilized	4.9 \pm 0.2	27.8 \pm 2.3	14.2
fe2.apr10	spring 2010	fertilized	4.8 \pm 0.1	27.6 \pm 1.9	12.3
fe3.apr10	spring 2010	fertilized	4.2 \pm 0.4	28.9 \pm 1.4	13.3
fe1.jul10	summer2010	fertilized	5.4 \pm 0.6	16.3 \pm 4.7	13.5
fe2.jul10	summer 2010	fertilized	4.6 \pm 0.2	13.1 \pm 1.2	12.0
fe3.jul10	summer 2010	fertilized	4.3 \pm 0.2	13.4 \pm 1.0	12.3
fe1.sep10	autumn 2010	fertilized	4.6 \pm 0.9	24.9 \pm 0.7	14.5
fe2.sep10	autumn 2010	fertilized	4.5 \pm 0.0	23.9 \pm 1.9	13.6
fe3.sep10	autumn 2010	fertilized	4.6 \pm 0.2	24.9 \pm 0.7	13.0
nf1.apr10	spring 2010	non-fertilized	4.8 \pm 0.1	28.4 \pm 1.5	13.3
nf2.apr10	spring 2010	non-fertilized	4.8 \pm 0.2	28.2 \pm 0.6	15.2
nf3.apr10	spring 2010	non-fertilized	4.6 \pm 0.1	28.1 \pm 0.8	14.6
nf1.jul10	summer2010	non-fertilized	4.9 \pm 0.2	12.6 \pm 1.1	11.8
nf2.jul10	summer 2010	non-fertilized	4.5 \pm 0.1	13.6 \pm 0.5	11.1
nf3.jul10	summer 2010	non-fertilized	4.9 \pm 0.2	13.6 \pm 3.4	11.9
nf1.sep10	autumn 2010	non-fertilized	4.7 \pm 0.2	24.4 \pm 0.8	13.1
nf2.sep10	autumn 2010	non-fertilized	4.8 \pm 0.3	25.1 \pm 2.6	13.8
nf3.sep10	autumn 2010	non-fertilized	4.5 \pm 0.1	23.9 \pm 1.8	13.1
fe1.apr11	spring 2011	fertilized	6.2 \pm 1.2	25.2 \pm 1.1	13.3
fe2.apr11	spring 2011	fertilized	4.6 \pm 0.1	25.6 \pm 1.4	12.7
fe3.apr11	spring 2011	fertilized	4.7 \pm 0.1	24.6 \pm 1.1	13.7
fe1.jul11	summer2011	fertilized	4.8 \pm 0.0	26.5 \pm 0.1	13.8
fe2.jul11	summer 2011	fertilized	4.9 \pm 0.0	25.5 \pm 0.3	11.7
fe3.jul11	summer 2011	fertilized	4.5 \pm 0.0	24.9 \pm 0.4	13.4
fe1.sep11	autumn 2011	fertilized	6.1 \pm 1.2	33.0 \pm 1.1	14.5
fe2.sep11	autumn 2011	fertilized	4.4 \pm 0.0	33.8 \pm 1.6	12.5
fe3.sep11	autumn 2011	fertilized	4.5 \pm 0.1	33.2 \pm 0.7	12.9
nf1.apr11	spring 2011	non-fertilized	4.7 \pm 0.2	23.8 \pm 0.7	14.1
nf2.apr11	spring 2011	non-fertilized	4.5 \pm 0.2	24.7 \pm 0.4	13.3
nf3.apr11	spring 2011	non-fertilized	4.3 \pm 0.1	25.0 \pm 1.1	13.9
nf1.jul11	summer2011	non-fertilized	4.7 \pm 0.0	24.5 \pm 0.6	12.6
nf2.jul11	summer 2011	non-fertilized	4.7 \pm 0.0	23.8 \pm 0.8	13.4
nf3.jul11	summer 2011	non-fertilized	4.6 \pm 0.0	25.5 \pm 0.4	14.7
nf1.sep11	autumn 2011	non-fertilized	4.9 \pm 0.2	31.9 \pm 1.2	12.7
nf2.sep11	autumn 2011	non-fertilized	4.8 \pm 0.1	34.0 \pm 0.8	11.7
nf3.sep11	autumn 2011	non-fertilized	4.6 \pm 0.2	32.7 \pm 2.1	14.7