

Supplementary file 1

Site	LEWDC	
	pF 2.5 (g.kg <sup>-1</sup> )	pF 6 (g.kg <sup>-1</sup> )
Brosse	37.2 ± 5.3 <sup>a</sup>	5.8 ± 1.4 <sup>a</sup>
Villamblain	23.9 ± 0.9 <sup>b</sup>	3 ± 0.1 <sup>bc</sup>
Boigneville A	20.4 ± 0.2 <sup>bc</sup>	3.8 ± 0.4 <sup>b</sup>
Boigneville B	16.8 ± 1.4 <sup>c</sup>	2 ± 0.04 <sup>cd</sup>
Faux Perche	16.2 ± 5.3 <sup>c</sup>	2.3 ± 0.05 <sup>cd</sup>
Cercottes	20.9 ± 1.1 <sup>bc</sup>	1.4 ± 0.2 <sup>d</sup>
Mont-près-Chambord	5.7 ± 0.1 <sup>d</sup>	1.9 ± 0.01 <sup>cd</sup>

S1: Concentration of LEWDC dispersed <2 μm particles (LEWDC in g.kg<sup>-1</sup>) for two the initial matrix potentials with standard deviation. Letters correspond to an ANOVA at the 5% confidence level (Fisher pair-wise mean comparison method) to compare the different site for a given pretreatment.