

Supplementary Tables

Table S1. Significance levels for treatment (soil group and selected soil texture and tillage type) effects on the stability indices (VDP=volume of drainable pores, MS=modal suction, SI = structural index, α and n , model parameters representing the location of the inflection point and the steepness of the water retention curve respectively). NS, not significant; *, **, ***Significant at the 0.05, 0.01 and 0.001 level.

Source	df	VDP	MS	SI	α	n
Soil group (30 samples in 3 texture groups)	3	***	***	***	***	***
Soil texture (3 selected soils by texture)	3	***	**	***	**	***
Tillage (NT-grass and CT-crop)	2	**	**	***	**	***
Soil x Tillage	6	**	*	*	*	**

Table S2. Significance levels for treatment (soil texture and PAM rate) effects on the stability indices (VDP=volume of drainable pores, MS=modal suction, SI = structural index, α and n , model parameters which represent the location of the inflection point and the steepness of the water retention curve respectively). *, **, ***Significant at the 0.05, 0.01 and 0.001 level.

Source	df	VDP	MS	SI	α	n
Soil (texture)	2	***	***	***	***	***
PAM rate	6	***	***	***	***	***
Soil x PAM rate	12	***	**	***	**	*