

Parameter	Description	Su2	mS
Q_r (vol. %)	Residual water content	0	0
Q_s (vol. %)	Saturated water content	0.3786	0.3886
α (—)	Van Genuchten parameter	0.20387	0.26188
η (—)	Van Genuchten parameter/Green–Ampt parameter	1.2347	1.3533
l (—)	Van Genuchten parameter	−3.339	−0.579
k_0 (mm day ^{−1})	Initial hydraulic conductivity	285.5	507.5
k_s (mm day ^{−1})	Saturated hydraulic conductivity	185.0	375.0