Supplementary information

Table S1 Quality criteria for organic soil amendment in EU and China

Parameters	Unit	EU regulation proposal (2016)			Chinese regulations				
		SOF	SOSI	SOMF	ADF	MOF	OF	CM	SI
Heavy metals						-	-	-	-
Cr	mg·kg DM^{-1}	≤ 2	≤ 2		⩽ 150	≤ 150	≤ 150	≤ 70	≤ 70
Cu	mg·kg DM^{-1}	-	-		-	-	-	≤ 150	≤ 150
Ni	mg·kg DM^{-1}	≤ 50	≤ 50		-	-	-	≤ 60	≤ 60
Pb	mg·kg DM^{-1}	≤ 120	≤ 120		≤ 50	≤ 50	≤ 50	≤ 120	≤ 120

DM: dry matter

SOF: Solid organic fertilizer. OSI: Organic soil improver. SOMF: Solid organo-mineral fertilizer. Cited from European Commission (2016).

ADF: Anaerobic digested fertilizer. Cited from Anaerobic Digested Fertilizer NY/T 2596-2014 (CN).

MOF: Microbial organic fertilizer. Cited from Microbial Organic Fertilizer NY884-2012 (CN).

OF: Organic fertilizer. Cited from Organic Fertilizer NY525-2012(CN).

CM: Cultivation medium. SI: Soil improver. Cited from Organic Media for Greening Use, LY/T 1970-2011(CN).