

SUPPLEMENTARY MATERIALS

Table S1. Fertilization information for the soils tested

Cultivated crop	Fertilizer	Fertilizer composition	Fertilizer dose	Date of application
		Silty loam soil		
Maize	Cattle manure		60 Mg ha ⁻¹	15 April 2022
	NPK	8% N 20% P ₂ O ₅ 30% K ₂ O	100 kg ha ⁻¹	6 May 2022
		Sandy loam soil		
Winter wheat	Cattle manure		30 Mg ha ⁻¹	15 April 2022
	NPK	6% N 20% P ₂ O ₅ 30% K ₂ O	200 kg ha ⁻¹	10 September 2021
		6% N 20% P ₂ O ₅ 30% K ₂ O	140 kg ha ⁻¹	10 May 2022