

Supplementary data

Soil Carbon Stock and Soil Properties under Different Land Use Types of Agriculture

Table S1. Soil organic carbon content (mean \pm se) among land use type and soil depth

Land use types	Soil organic carbon (gC/kg)		
	0-10 cm	10-20 cm	20-30 cm
Cassava	3.88 \pm 0.33 ^{cd}	3.70 \pm 0.39 ^{cd}	3.29 \pm 0.41 ^d
Coconut	10.99 \pm 1.44 ^{ab}	9.16 \pm 1.17 ^{abc}	8.62 \pm 1.14 ^{abcd}
Pineapple	5.33 \pm 1.17 ^{bcd}	4.71 \pm 1.05 ^{cd}	4.28 \pm 0.94 ^{cd}
Paddy field	11.71 \pm 2.09 ^a	6.85 \pm 1.50 ^{abcd}	5.45 \pm 1.48 ^{bcd}
Sugarcane	8.26 \pm 1.59 ^{abcd}	7.39 \pm 1.80 ^{abcd}	5.41 \pm 1.09 ^{bcd}

Remark: The different letters indicated significant mean differences among values (p<0.05).

Table S2. Soil carbon stock across soil depths for five agricultural land uses in Ratchaburi Province

Land use types	Soil organic carbon (mg C/kg)		
	0-10 cm	10-20 cm	20-30 cm
Cassava	5.67 \pm 0.49 ^b	5.51 \pm 0.56 ^b	4.94 \pm 0.49 ^b
Coconut	13.63 \pm 1.65 ^a	11.64 \pm 1.63 ^{ab}	10.60 \pm 1.65 ^{ab}
Pineapple	7.46 \pm 1.56 ^{ab}	7.40 \pm 1.70 ^{ab}	6.93 \pm 1.56 ^{ab}
Paddy field	14.83 \pm 2.49 ^a	9.44 \pm 1.69 ^{ab}	6.90 \pm 2.49 ^{ab}
Sugarcane	11.78 \pm 2.21 ^{ab}	11.23 \pm 2.64 ^{ab}	8.30 \pm 2.21 ^{ab}
Overall	10.63 \pm 0.91	9.03 \pm 0.82	7.53 \pm 0.66

Remark: The different letters indicated significant mean differences among values (p<0.05).