CORRECTION

Correction to: Soil fertility effects of repeated application of sewage sludge in two 30-year-old field experiments

Gunnar Börjesson · Thomas Kätterer

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In the original publication of the article, Table 4 and Fig. 4 were incorrectly published. The correct version is given in this correction.

The equations now given in Fig. 4 have implications for the text in Abstract. Hence, the following sentence “Soluble phosphorus (P) increased with sludge application rate, but represented only around 2% of the expected residual P according to P-balance calculations.” should be read as “Soluble phosphorus (P) increased with sludge application rate, but represented around 20% of the expected residual P according to P-balance calculations.”

In Results section under “Phosphorus” heading, the following sentence “This comparison showed that P recovered in the P-AL extract corresponded to 2.6 and 2.2% of net P deposits at Igelösa and Petersborg, respectively (Fig. 4).” should be read as “This comparison showed that P recovered in the P-AL extract corresponded to 26 and 22% of net P deposits at Igelösa and Petersborg, respectively (Fig. 4).”

In Discussion section under “Phosphorus” heading, the first sentence should have 20% instead of 2%. The second sentence “However, it is consistent with recent findings in Denmark, where the fertiliser value of SS treated with iron was found to be zero (Müller-Stöver et al. 2018).” should be removed.

The original article can be found online at <https://doi.org/10.1007/s10705-018-9952-4>.

G. Börjesson (✉)
Department of Soil and Environment, Swedish University of Agricultural Sciences, P.O. Box 7014, 75007 Uppsala, Sweden
e-mail: gunnar.borjesson@slu.se

T. Kätterer
Department of Ecology, Swedish University of Agricultural Sciences, P.O. Box 7044, 75007 Uppsala, Sweden

Table 4 Phosphorus (P) balance in topsoil (0–0.20 m) for the period 1981–2013 in the nine treatments with/without mineral nitrogen (N) fertiliser and sewage sludge (SS) at the two sites

Site Treatment	Mineral P applied	SS P applied	P removed with crops	$\Delta P = \text{applied} - \text{removed with crops}$
<i>Petersborg</i>				
A0. No SS, No N	0	0	10	– 10
A1. No SS, half N	22	0	17	5
A2. No SS, full N	22	0	20	2
B0. 1 Mg DM SS ha ⁻¹ yr ⁻¹ , no N	0	34	11	23
B1. 1 Mg DM SS ha ⁻¹ yr ⁻¹ , half N	22	34	18	38
B2. 1 Mg DM SS ha ⁻¹ yr ⁻¹ , full N	22	34	20	36
C0. 3 Mg DM SS ha ⁻¹ yr ⁻¹ , no N	0	101	12	89
C1. 3 Mg DM SS ha ⁻¹ yr ⁻¹ , half N	22	101	18	105
C2. 3 Mg DM SS ha ⁻¹ yr ⁻¹ , full N	22	101	20	103
<i>Igelösa</i>				
A0. No SS, No N	0	0	12	– 12
A1. No SS, half N	20	0	18	2
A2. No SS, full N	20	0	22	– 2
B0. 1 Mg DM SS ha ⁻¹ yr ⁻¹ , no N	0	41	14	27
B1. 1 Mg DM SS ha ⁻¹ yr ⁻¹ , half N	20	41	20	41
B2. 1 Mg DM SS ha ⁻¹ yr ⁻¹ , full N	20	41	23	38
C0. 3 Mg DM SS ha ⁻¹ yr ⁻¹ , no N	0	123	16	107
C1. 3 Mg DM SS ha ⁻¹ yr ⁻¹ , half N	20	123	21	122
C2. 3 Mg DM SS ha ⁻¹ yr ⁻¹ , full N	20	123	23	120

Values correspond to kg P ha⁻¹ yr⁻¹

Fig. 4 Mean annual change in ammonium lactate-extractable phosphorus (P-AL) in topsoil (0–0.20 m) as a function net amount of P deposited per hectare and year

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