

Erratum

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p. 102 (left-hand column) replace 3rd paragraph with:

Relationships between the specific activity of labelled sulphur in pasture herbage and in HI-reducible sulphur or C-bonded sulphur at different soil depths

A significant relationship was found between the specific activity of labelled-S in pasture herbage and that in HI-reducible soil S in the top 300 mm soil depth. This relationship was better explained by quadratic ($R^2 = 0.26-0.54$) than by linear models ($R^2 = 0.23-0.32$). Although the specific activity of labelled-S in $\text{Ca}(\text{H}_2\text{PO}_4)_2$ -extractable soil S at a depth of 75–150 mm was related to that in herbage ($y = 39.5 \pm 1.263x$

$-0.006x^2$, $R^2 = 0.27$), this quadratic relationship explained less of the variability than that between the specific activity of HI-reducible soil S at the same soil depth and the specific activity of herbage S ($y = 40.4 \pm 7.553x - 0.188x^2$, $R^2 = 0.54$). These results suggest that the plant-available soil S pool at this site is likely to consist of some labile soil organic S as well as $\text{Ca}(\text{H}_2\text{PO}_4)_2$ -extractable soil S. Recent research on ester SO_4^{2-} has shown that this form of soil organic S plays a vital role in controlling the release of plant-available SO_4^{2-} in soils (Freney 1986).

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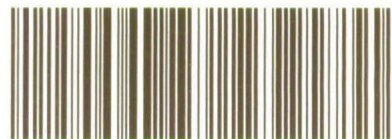
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