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EDITED AND REVIEWED BY  
Jian You Wang,  
Academia Sinica, Taiwan

\*CORRESPONDENCE  
Shuangmei Gong  
✉ gongshuangmei@hjnu.edu.cn

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# Correction: Optimizing vermicompost-soil ratios for synergistic enhancement of *Allium fistulosum* growth dynamics and phytochemical quality

Shuangmei Gong\* and Xiulong Ou

Research Center for Preparation and Properties of New Functional Materials, Hanjiang Normal University, Shiyan, Hubei, China

## KEYWORDS

vermicompost, *Allium fistulosum*, optimal ratio, vitamin C, soluble sugar, nitrate

## A Correction on

Optimizing vermicompost-soil ratios for synergistic enhancement of *Allium fistulosum* growth dynamics and phytochemical quality

By Gong S and Ou X (2025) *Front. Plant Sci.* 16:1694011. doi: 10.3389/fpls.2025.1694011

There was an error on page 15, in Section 5.1.7, as published, “with VC ( $r=-0.43$ ) and biological yield ( $r=-0.59$ ; Table 2-12-1)”, the name of the table here is wrongly referenced. The corrected appears below.

“with VC ( $r=-0.43$ ) and biological yield ( $r=-0.59$ ; Table 24)”

There was an error in the caption of **Table 17** as published, “Nitrate content in *Allium fistulosum* ( $\mu\text{giu-1}$ )”. The unit at the end of the title is incorrect. The corrected caption of **Table 17** appears below.

“Nitrate content in *Allium fistulosum* ( $\mu\text{g}\cdot\text{g}^{-1}$ )”.

There was an error in the caption of **Table 35** as published, “Soluble sugar content in *Allium fistulosum* ( $\mu\text{gi g-1}$ )”. The unit at the end of the title is incorrect. The corrected caption of **Table 35** appears below.

“Soluble sugar content in *Allium fistulosum* ( $\mu\text{g}\cdot\text{g}^{-1}$ )”.

There was an error in the caption of **Figure 4** as published. In **Figure 4**, the title on the left side was erroneously in Chinese. It should be in English according to the journal’s policy. The corrected **Figure 4** appears below.

The original version of this article has been updated.

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TABLE 17 Nitrate content in *Allium fistulosum* (μg·g<sup>-1</sup>).

Treatment (%Vermicompost)	Group1	Group2	Group3	Mean	±SD	±SE	95% CI
0% (Control)	200.5	250.7	166.7	190.97	21.18	12.23	(138.4, 243.6)
25%	221	234.4	192.7	216.03	21.29	12.29	(163.1, 268.9)
50%	302.1	273.4	280.2	285.23	12.28	7.09	(254.3, 316.2)
75%	127.6	179.7	122.4	143.23	31.72	18.31	(63.6, 222.9)
100%	273.4	268.2	243.2	261.6	16.15	9.32	(221.5, 301.7)

TABLE 35 Soluble sugar content in *Allium fistulosum* (μg·g<sup>-1</sup>).

Treatment (%Vermicompost)	Group1	Group2	Group3	Mean	±SD	±SE	95% CI
0% (Control)	254.1	273.5	302.2	276.6	24.31	14.04	[216.19,337.01]
25%	287.2	348.2	326.6	320.67	31.07	17.94	[243.49,397.85]
50%	379.8	423.5	417.9	407.07	22.11	12.76	[326.17,451.97]
75%	297.4	309.6	369.5	325.5	36.07	20.82	[205.92,445.08]
100%	278.5	300.8	297.1	292.13	11.42	6.59	[263.75,320.51]

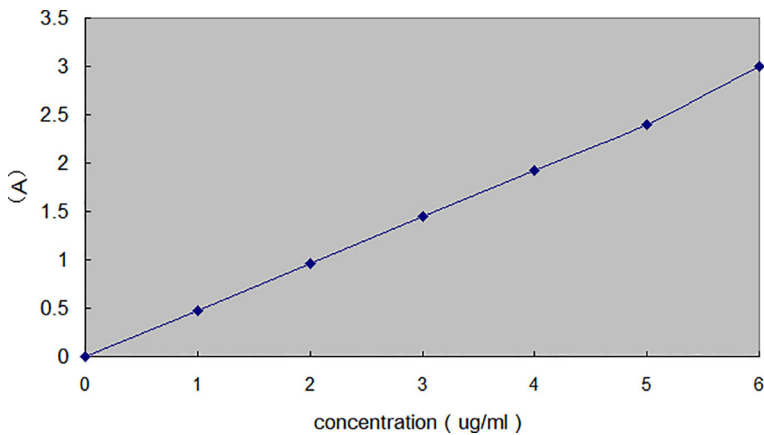


FIGURE 4  
Standard curve of nitrate.