



Erratum: Nitrogen Supply Affects Yield and Grain Filling of Maize by Regulating Starch Metabolizing Enzyme Activities and Endogenous Hormone Contents

Frontiers Production Office*

Frontiers Media SA, Lausanne, Switzerland

Keywords: nitrogen application, maize yield, hormone, starch metabolizing enzymes, grain filling

An Erratum on

Nitrogen Supply Affects Yield and Grain Filling of Maize by Regulating Starch Metabolizing Enzyme Activities and Endogenous Hormone Contents

by Yue, K., Li, L., Xie, J., Liu, Y., Xie, J., Anwar, S., and Fudjoe, S. K. (2022). *Front. Plant Sci.* 12:798119. doi: 10.3389/fpls.2021.798119

Due to a production error, the minus sign (–) between “maximal grain” and “filling rate” (equation 2) should be a hyphen (-).

A correction has been made to the section “**Measurements and Calculations for Grain Filling, Enzymes, and Endogenous Hormones Measurements,**” subsection “**Grain-Filling Traits,**” Equation 2:

“Time for maximal grain-filling rate (T_{\max}) = $\ln B/C$ ”

Due to a production error, the minus sign (–) between “weight increment” and “achieving maximum” (in equation 3) should be deleted; additionally the minus sign (–) between “Maximum grain” and “filling rate” (equation 2) should be a hyphen (-).

A correction has been made to the section “**Measurements and Calculations for Grain Filling, Enzymes, and Endogenous Hormones Measurements,**” subsection “**Grain-Filling Traits,**” Equation 3:

“Grain weight increment achieving maximum grain-filling rate (W_{\max}) = $A/2$ ”

Due to a production error, the minus sign (–) between “maximum grain” and “filling rate” (equation 4) should be a hyphen (-).

A correction has been made to the section “**Measurements and Calculations for Grain Filling, Enzymes, and Endogenous Hormones Measurements,**” subsection “**Grain-Filling Traits,**” Equation 4:

“Maximum grain-filling rate (G_{\max})”

Due to a production error the minus sign (–) between “Active grain” and “filling period” (in equation 5) should be deleted.

A correction has been made to the section “**Measurements and Calculations for Grain Filling, Enzymes, and Endogenous Hormones Measurements,**” subsection “**Grain-Filling Traits,**” Equation 5:

“Active grain-filling period (AGP) = $6/C$ ”

Due to a production error the minus sign (–) between “Average grain” and “filling rate” (in equation 6) should be deleted.

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Approved by:

Frontiers Editorial Office,
Frontiers Media SA, Switzerland

*Correspondence:

Frontiers Production Office
production.office@frontiersin.org

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A correction has been made to the section “**Measurements and Calculations for Grain Filling, Enzymes, and Endogenous Hormones Measurements**,” subsection “**Grain-Filling Traits**,” Equation 6:

“Average grain-filling rate (G_{\max}) = $W/56$ ”

The publisher apologizes for these mistakes. The original version of this article has been updated.

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