



Corrigendum: Using a Crop Modeling Framework for Precision Cost-Benefit Analysis of Variable Seeding and Nitrogen Application Rates

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Keywords: economic optimum nitrogen, economic optimum seeding, nitrate leaching, APSIM, model framework

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Specialty section:

This article was submitted to
Agroecology and Ecosystem Services,
a section of the journal
Frontiers in Sustainable Food Systems

Received: 19 August 2020

Accepted: 10 September 2020

Published: 30 October 2020

Citation:

McNunn G, Heaton E, Archontoulis S,
Licht M and VanLoocke A (2020)
Corrigendum: Using a Crop Modeling
Framework for Precision Cost-Benefit
Analysis of Variable Seeding and
Nitrogen Application Rates.
Front. Sustain. Food Syst. 4:596523.
doi: 10.3389/fsufs.2020.596523

A Corrigendum on

Using a Crop Modeling Framework for Precision Cost-Benefit Analysis of Variable Seeding and Nitrogen Application Rates

by McNunn, G., Heaton, E., Archontoulis, S., Licht, M., and VanLoocke, A. (2019). *Front. Sustain. Food Syst.* 3:108. doi: 10.3389/fsufs.2019.00108

In the original article, there was an error. The authors would like to further expand on the specific novel innovations developed from this work compared to similar modeling studies that were developed independently over the same time period.

A correction has been made to **Introduction, Paragraph 5:**

“Similar frameworks linking public soils and weather data with environmental models (including APSIM) have been implemented (Zhang et al., 2010; Brandes et al., 2018; Jin et al., 2019) and found support for individual precision management options in terms of economic and environmental factors. The novel component of our analysis is that we developed a system for guiding subfield management decisions based on multiple economic cost drivers (seed and N-fertilizer inputs) that directly influence potential yield (Al-Kaisi and Yin, 2003) and interact with subsequent environmental performance and profitability.”

A correction has been made to **Discussion, Paragraph 2:**

“Similar geographical focus was given in Jin et al. (2019), which used an APSIM framework to estimate regional economic optimum nitrogen fertilizer rates based on subfield management zone simulations across many Midwest fields.”

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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