

Special Issue

New Approaches for Effective Nutrient Management in Potato Cropping Systems

Message from the Guest Editors

Potato is one of the world's most important food crop. To support intensive potato biomass production during the growing season a high level of readily available nutrients is required. A common practice used by growers to meet this requirement is to apply fertilizers based on pre-season soil nutrient analysis. While this practice may not compromise the profitability of potato production, it can lead to an excessive fertilization early growing season, and result in environmental pollution. The present Special Issue will focus on field studies that consider managing nutrients with innovative approaches, including remote sensing, plant nutritional status, methods of fertilization, use of enhanced-efficiency fertilizers, sources of nutrients, co-application of fertilizers with additives. Attention will also be given to contributions that cover the development or refining of soil test-based nutrient recommendations, and use of soil quality indicators to optimize potato nutrient management.

Dr. Emerson F.C. Souza

Guest Editors

Dr. Emerson F. C. Souza

Prof. Dr. Carl J. Rosen

Prof. Dr. Rogério P. Soratto

Deadline for manuscript submissions

closed (30 November 2021)



Agronomy

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Impact Factor 3.4
CiteScore 6.7



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Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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