

Special Issue

Influence of Metal Nanocolloids on Selected Quality Parameters of Seeds, Plants and Their Products

Message from the Guest Editors

The treatments to which seeds are subjected during vegetation have a considerable impact on the yield and quality of the harvested raw material, as well as on the quality of the final products obtained from seed processing. The use of metal nanoparticles in agriculture as an independent nanofertilizer or an additive to mineral fertilizers, substances that stimulate plant growth or seed dressing, is an alternative to traditional pesticides. These fertilizers can increase the effectiveness of nutrient use three-fold, as well as provide improved stress resistance and germination. Most studies focus on metallic nanoparticles (MNPs), and the positive and negative effects of their use. The results are inconclusive, which encourages further research and determinations of the impact of metal nanoparticles on plants and products; this has become a necessity. Nanoparticles may affect people's health and the natural environment.

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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