



plants



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The Influence of Soil Management and Fertilization on Crops' Quality

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Message from the Guest Editor

There are 17 essential elements required for **plant growth**; the lack of an essential **nutrient** can limit crop production. The proper application of **fertilizers** through the use of various techniques (broadcasting, foliar application, fertigation, etc.) improves nutrient uptake efficiency and yields quality production.

The function of soil on many agricultural surfaces is frequently compromised as a result of inappropriate practices. **Soil** not only provides mechanical support to plants but also provides **water** and nutrients, both of which influence vigor, the balance of **plant mass and yield**, and the quality of production. Healthy soil is the foundation of food systems, with soil quality directly related to **food** quality and quantity. Healthy soil also helps to mitigate climate change by retaining or increasing its carbon content.

This Special Issue of Plants will highlight soil management, tillage, cover crops, compost, mulching, fertilization, water, irrigation, drought, compaction, soil erosion, soil biodiversity (microflora and microfauna), and crop quality.

If you have a plan, please let us know. The assistant editor's email is **juicy.yang@mdpi.com**



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Special Issue



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Message from the Editor-in-Chief

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