



Plant Breeding Supporting the Sustainable Field Crop Production

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Message from the Guest Editor

Improving the sustainability of agricultural production has key importance. Plant breeding is the first step of achieving sustainable farming because the plant's adaptability, resistance and yielding capacity could be driving factors. Climate change and extreme weather events are the major factors that underline the need for varieties and hybrids having wide adaptation capacity. The modern breeding programme should focus on improving abiotic and biotic stress tolerance and biodiversity as well. Field crop production is in charge of environmental pollution and reducing biodiversity and the health status of ecosystems. Water scarcity is a merging issue worldwide, therefore improving the water and nutrient use efficiency of the cultivated crops could contribute to reserving the limited resources. The reduction of water demand could decrease the yield losses under drought conditions and lower irrigation-water demand could prevent the destruction of soil conditions, while soil health status is also a key factor in field production. The Special Issue welcome submissions related to above theme.





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