



Grafting as a Sustainable Means for Securing Yield Stability and Quality in Vegetable Crops

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Message from the Guest Editors

Dear colleagues,

Vegetable growers around the world only collect on average half of the yield they would obtain under optimal conditions. It is estimated that 60-70% of the yield gap is attributable to abiotic factors and biotic factors. In order to overcome the current situation, grafting of elite scion varieties onto vigorous rootstock varieties has been suggested as one of the most promising drives towards further yield stability. Of interest are also potential contributions dealing with genetic resources for rootstock breeding, practices and technologies of rootstock breeding, rootstock-scion signaling as well as the physiological and molecular mechanisms underlying graft compatibility. In addition, the effect of grafting on vegetable quality, practical applications and nursery management of grafted seedlings and specialty crops (e.g. artichoke and bean) will be considered within the general scope of the Special issue. We highly believe that this compilation of high standard scientific papers on principles and practices of vegetable grafting will foster discussions within this important field.

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