



Chemical Regulation and Mechanized Cultivation Technology of Cotton

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Message from the Guest Editors

Complete mechanized cultivation of cotton is of great interest in China at present due to the labor force shortage. Chemical regulation has the potential to guarantee and improve this process by shaping the plant type and canopy structure to achieve efficient agricultural management and using chemical topping to replace manual topping and defoliation and boll opening for machine harvesting. However, there is a gap between the techniques required for mechanized cultivation and the techniques currently available. The aim of this Special Issue is to narrow this gap. Peer-reviewed manuscripts appropriate for publication in this issue include original papers and short communication focusing on practices and measures regarding planting pattern, population, irrigation, fertilization, and utilization of plant growth regulators, all of which should be helpful for mechanical management, but not at the expense of yield and fiber quality. Literature reviews and meta-analyses related to chemical regulation and mechanized cultivation technology of cotton will also be considered.





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