Mechanization of cotton crop production in India
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ABSTRACT
In context of increasing commercialization of agriculture, mechanization is very important. There has been increase in the use of farm machinery in Indian Agriculture as it contributed to the increase in output due to timeliness of operations and increasing precision in input application. The present study describes the availability of machinery, in India, for the mechanization of cotton cultivation for operations viz., seedbed preparation, sowing and planting, inter-culture, plant protection and harvesting. Energy requirement for different operations for cotton cultivation in conventional and using improved practices are described. Evaluation was carried out using traditional method of cultivation in comparison with improved practices on cost of operation and energy requirement. It revealed that improved machines consume less energy as compared to its traditional counter part.

Key words: Mechanization, Timeliness and energy requirement