

# Farm Mechanization in India and Perspectives -A Review Paper

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**Abstract:** *Farm mechanisation refers to the enhanced farming technique requiring the least amount of time and resources. The agriculture industry has undergone numerous changes in the recent century. Tractors and other tractor-driven equipment have transformed farming techniques (Mechanical). However, crucial inputs that have been produced to boost output and productivity include seeds, fertilisers, and pesticides. Rising population, increased food demand, underdeveloped rural areas, and the pitiful socioeconomic situation of Indian farmers have been the country's agriculture sector's inescapable truths since Independence. Few states have emerged as the agricultural model state as a result of the growth of mechanisation in agriculture (Since Green revolution). Therefore, the purpose of this essay is to examine farm mechanisation in India from the perspectives of the past, present, and future. The paper's four main themes—Government initiatives for agricultural mechanisation, the impact of mechanical sources thus far, the impact of chemical catalysts, and the final future of farm mechanization—have all been widely supported by prior literature.*

**Keywords:** Farm Mechanization, Agricultural mechanization

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