

PROGRESS ON RESEARCH & DEVELOPMENT IN PINEAPPLE HARVESTING: SPECIAL EMPHASIS ON INDIAN SCENARIO

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Pineapple harvesting in India still follows traditional manual practice, which is labour-intensive, inefficient, and time-consuming process. Apart from the adoption of awkward posture during repeated manual operation of harvesting, leading to body parts discomfort and in the long-run development of WMSDs, the traditional manual harvesting also induces easy injuries to farmers due to lack of safety measures. The present research aims to conduct an extensive literature review on the state-of-art of pineapple harvesting systems to highlight the existing scenario of research progress and to suggest possible future research directions. Research and development activities towards the identification of problems faced by farmers during pineapple harvesting in Indian scenario and understanding the real need of ergonomic design intervention to come up with a mechanized or semi-mechanized hand-tool type of harvester are the need of the hour to implement efficient, cost-effective and easy to use pineapple harvester.
