

Performance evaluation of mahua stamen remover

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■ **ABSTRACT** : Mahua stamen remover was evaluated for its performance. It was tested at four moisture levels (11.9, 13.17, 15.64 and 17.66 % d.b.) and three feed rates (15, 21, 27 kg/h). The stamen removal efficiency and whole flower recovery were determined to optimize feed rate and moisture content of mahua flower for better performance of the machine. The present study revealed that the optimum flower moisture content and feed rate were found to be 13.17 per cent and 15 kg/h, respectively with stamen removal efficiency of 88.23 per cent and whole flower recovery of 81.2 per cent.

■ **KEY WORDS** : Mahua stamen remover, Stamen removing efficiency, Whole flower recovery and deseeding

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