

# ABSTRACT

In this modern era plenty of research works are going on the agricultural field. Manual method of seedsowing, results in low seed placement, spacing efficiencies and serious back ache for the farmer which limits the field that can be planted. The price of an imported planters are beyond the purchasing capacity of the most of our farmers. In recent decades, our farmers are ready to work hard, if drudgery can be reduced or totally removed from their planting operations. To achieve the best performance from a seed planter, the above hindrances are to be optimized by proper design and selection of the components required on the machine to suit the needs of crops. This project work mainly focused on the design and fabrication of a manually operated seed sowing machine for different crop seed which can be cheap, easily affordable by the rural farmers, easy to operate and maintain.

