

# Agricultural Seed Sewing Machine

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**Abstract:** Presently, small land holding farmers use work bulls mostly for land preparation. Generally, cultivation of any crop involves various steps like seed selection, field preparation, fertilizing, sowing, irrigation, germination, thinning and filling, weed removal, vegetative stage, flowering stage, pesticide spraying, fruit, or pod formation stage, harvesting and threshing. Farmer has to use various agricultural Equipment's and labours for caring out those steps, our purpose is to combine all the individual tools to provide farmers with mechanical seed sowing equipment which implements all the scientific farming techniques and specifications and suitable for all type of seed-to-seed cultivation with as minimum cost as possible. This project work is focused on the design and fabrication of mechanical seed sowing equipment which is used for land preparation, sowing, and levelling process. The mechanical seed sowing agricultural equipment is very simple to use, the various adjustments are made with ease, and it is maintenance free.

**Keywords:** Nut & Bolt Hoses and Shaft.IR Transmitter and IR Wheels, Ball Bearing.

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