

DESIGN AND FABRICATION OF 5 IN 1 AGRICULTURE ROBOT

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Abstract

Generally, the work in agriculture farming like plowing, seeding, fertilizing and irrigation done by farmer takes a lot of time and also with high cost. The present work involves the development and fabrication of a 5 in 1 agriculture robot. The 5 in 1 agriculture robot Includes of plowing the soil, put seed, cover it, add fertilizer and water in same time by using electrical power.

Compare to the traditional method of farming, this project presents a new method to agriculture practices starting with plowing with use of machinery; the seed machine which also driven by the farmer along the agricultural land. Then for fertilization, covering the seed with soil, and irrigation, there is an automatic machine that can do all these task.

