

Automatic Seed Sprayer Machine

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Abstract: *The Project, is to make a grounded on Seed Sprayer Machine. The design and manufacturing of a solar- powered seed sprayer machine aims to address sustainable husbandry challenges by offering aneco-friendly, cost-effective, and effective result for seed sowing and spraying. Conventional sowing styles frequently demand high labor, energy costs, and energy, while electric- powered druthers calculate onnon-renewable coffers. A solar- powered seed sprayer machine harnesses solar energy to givea renewable power source, significantly reducing energy consumption and emigrations. The machine comprises a solar panel, rechargeable battery, motorized sprayer, seed hopper, and distribution system. The solar panel powers the motor and sprayer, charging the battery for use during low sunconditions, icing nonstop operation. Precision controls allow for accurate seed allocatingand invariantspraying, perfectingcrop yield eventuality and resource use effectiveness.*

In moment's period all sectors are moving towards the rapid-fire growth using numerous advanced technologies. All these sectors, husbandry is also one of them. In order to meet the adding demand of food, growers have to apply advanced ways so that the soil texture isn't affected and the overall food product is increased. Hence, in this design we end at designing and fabricating a solar operated seed sprayer machine. Seed sowing process is generally carried out by humans using homemade power. In this solar seed sprayer machine design, seed in a hopper gets scattered by means of addict or cracker directly to the land without any homemade trouble. Using this process, the seeds are fed in the land during the time of plough. The main advantage of using this fashion is that, it reduces the time of seed to land and reduces mortal sweats. In this solar husbandry sprayer solar panel is used as power source which is used to run the addict, and therefore doesn't bear any freshpower force. This innovativemechanical design of seed sowing outfit can save further time for sowing process and also it reduces a lot of labour cost. This solar agrosprayer designis veritably helpful for small scale growers...

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