Solar Seed Sowing Machine

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Abstract*: In the farming process, often used conventional seeding operation takes more time and more labor. The seed feed rate is more but the time required for the total operation is more and the total cost is increased due to labor, hiring of equipment. The conventional seed sowing machine is less efficient, time consuming. Today's era is marching towards the rapid growth of all sectors including the agricultural sector. To meet the future food demands, the farmers have to implement the new techniques which will not affect the soil texture but will increase the overall crop production. In the farming process, often used conventional seeding operation takes more time and more labor. The seed feed rate is more but the time required for the total operation is also more and the total cost is increased due to labor, hiring of equipment. This is a solar powered system, it runs on the renewable energy which is free in nature. This machine reduces the efforts and total cost of sowing the seeds and fertilizer placement.*

Keywords: Seed sowing machine (SSM), Agriculture Automation, Farming innovation, Sustainable farming

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