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## **Solar Powered E-Prime Mover Equipment | Madhya Pradesh | 30 Mar 2022**

### **Why in News?**

Recently scientists of Central Institute of Agricultural Engineering, Bhopal have developed a solar powered e-prime mover device.

### **Key Points**

- This is a solar powered device, so that farmers will be able to spray medicine in one and a half acres of land in just one hour.
- Plowing, weeding and plowing of the same land can be done in less than five hours with the help of this device, in which fuel will not be spent.
- The battery of this device will last for three hours on a single charge. Farmers will also be able to burn the electricity of the house with the battery charged with solar energy.
- This device will also be used for transporting grains.
- Apart from this, the scientists of the institute have also made a CNG engine, which after installing in the tractor can reduce the cost of farming.

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