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To

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The Editor,

Sir,

I request that the following message may kindly be published in your esteemed daily:

Dual Motor Drone Bird Scarer

A design patent was recently granted to the Tamil Nadu Agricultural University for its Dual motor bird scarer by the Controller General of Patents, Designs and Trademarks, Government of India.

In various agro-ecological systems, birds cause significant economic damage to a variety of crops during the sensitive stages. The damage caused by birds can range from 25 to 65 percent, resulting in significant losses for the farmer. There are a number of control methods, including visual deterrents such as placing a machan in the middle of crop fields, crows, half kites, dead birds, balloons, reflective paper plates and reflective tape. However, the birds become accustomed to these means and are no longer deterred by them after a while. Therefore, the idea of a drone-controlled scarecrow was developed, which scares the birds when the drone flies near them. The use of drones for spraying and sowing is widespread. A drone that flies like a bird also makes a sound that scares the birds away. The drone deterrent devices that have been developed are powered by two motors and controlled by a remote control. The drone contains a small sound unit that randomly produces several sounds to scare the birds away. The device is simple and easy to use.

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