

AviSpray-10c

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AviSpray-10c Latest News

AvironiX Drones, a Chennai-based deep-tech drone company, recently announced the launch of its latest agricultural innovation, the AviSpray-10c.

About AviSpray-10c

- It is a **compact, backpack-sized spraying drone** 53% smaller than the current generation.
- It was **developed by the AvironiX Drones**, a **Chennai-based deep-tech drone company** focused on precision farming and defence technologies.
- It is designed to significantly **reduce the cost, operational complexity**, and manpower requirements of **drone-based crop spraying in India**.
- Unlike many agricultural drones developed primarily under laboratory conditions, the AviSpray-10c has been **validated through extensive real-world deployment**.
- It is **built on operational insights** gathered from over **6,000 acres of real-world agricultural spraying** across diverse crops, including sugarcane and paddy.

AviSpray-10c Advantages

- **Backpack-sized form** factor for **transport on scooters and bicycles**.
- No requirement for bulky transport vehicles.
- Elimination of permanent drone mounting boxes.
- **Single-operator deployment** with no assistant required.
- **Coverage of up to 5 acres per battery charge**, representing a 60% improvement over most comparable platforms.
- **Reduced battery count, lower upfront capital costs**, and **lower fuel consumption**.
- 2× improvement in spraying accuracy.
- **Terrain-following radar** and **collision-avoidance systems**.
- Multiple nozzle configurations.
- Swappable chemical tanks.

Source: BS

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