



APKA APNA **PAWAN** AGRICULTURAL DRONE



Tank Capacity
17 Ltrs



Battery Endurance
21 mins



Effective & Uniform
Spraying (1 acre in
just 4 mins)



All Bank Loans
and All state
subsidy eligible



Up to 5 acres in
a single charge
(Industry Best)



Up to 90% of
water



Tested on all
Indian crops
and soil



Can Cover
up to 100+
acres per day



Eduquis Technologies Pvt. Ltd.
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KEY FEATURES

Pilot Friendly Operations

- Controls are **Simple** and **User Friendly**.
- Both **Autonomous** and **Manual** flight modes
- **Return to Home** feature available

Best in class features

- Best in class endurance **21 mins in 17L bucket**
- Up to 5 acres of spraying in a **single charge**
- **Uninterrupted spraying** for up to 3 hours

State of the art Spraying Technology

- **Advanced atomizer nozzels** with uniform spraying
- Droplet size as small as 85
- **90% savings** of water and pesticides

Other Intelligent features

- Operating System : **Android**
- **Highest accuracy** in Autonomous Spraying
- **Return to Home, Automated landing** technology

PRODUCT SPECIFICATION

Aircraft

Weight without Payload	21.75 Kgs
Maximum All up weight	38.745 Kgs
Endurance	21 Minutes
Range	1 Km in all direction from take-off position

Operating Temperature	-10° to 50° C
Maximum Permitted Height	60 mtrs (196.86 ft) AGL

Pay Load

Tank Capacity	17 Ltrs.
Nozzle	Centrifugal Atomizer Nozzles
Water Pump	BLDC

Battery

No. of Battery	2 Nos
Maximum Battery Temp	55°C
Capacity of Each Battery	22.2V / 22000mAh

Charger

Input Feature Modes	222V AC /50Hz Dual Battery Charging Fast, Balanced Charging & Storage
Charging Type	Master-Slave & Individual Charging

TECHNICAL SPECIFICATION

Flight Performance

Maximum Wing Resistance	Level 3/28 kmph
Max Range	1 Km
Endurance	21 Minutes

Functions

Three flying modes:
Manual - Autonomous - Return to Home
Go Home & Auto Landing
Path Planning Feature
Intelligent orientation control
On board Camera
Variable Flow Spraying System

System Performance

Assistant Software System	Android Mobile
Max payload	17 Kg
Operating Temperature Protection	- 10°C to + 50°C
	IP 65



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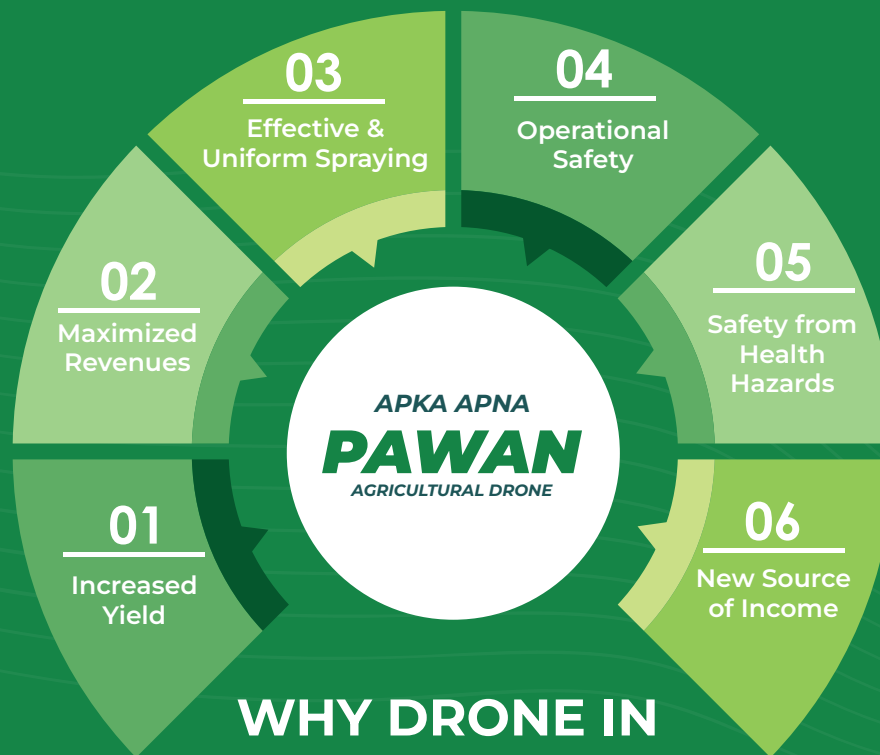


PAWAN drone, one of **India's best agricultural drone**, a pinnacle of advanced technology, is designed to significantly **enhance field spraying operations**. Its cutting-edge capabilities enable **uniform distribution spraying**, resulting in **yield optimization** and amplification, thereby **drastically reducing the manual labour and time investment**.

Include PAWAN drone to your agricultural practices and revolutionise traditional farming methods of your state by **increasing farmer's crop yield, reducing their time spent, & maximising their revenues**.



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WHY DRONE IN AGRICULTURE?

WHY PAWAN DRONE?

- 4-5 acres in a single battery charge
- Best in class Endurance -21 mins
- Larger Tank Capacity (17 Ltrs)
- All bank Loans and subsidies available IP 65 compiled
- Manual and Autonomous Spraying capabilities
- Enhanced stability and Aerospace grade material
- Most affordable in Industry

APPLICATIONS

- DGCA Drone certified for Indian Landscape
- Suitable for **all type of terrains, crops, soil** etc
- Capable of spraying **all type of Pesticides, Fertilizers & Agro-chemicals** (water soluble)
- Efficient spraying in **all type of land/terrains** (incl. Tea gardens, Mango/Grapes cultivations, etc)

MANUFACTURERS' SUPPORT

- Experienced teams for **Loan and Subsidy guidance**.
- **Distributors and Dealer presence across the country**.
- **All India presence for Drone Flying Trainings** (DGCA approved).
- **Dedicated Service Centers** with assured SLAs.
- **On-call service support** within product warranty period



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