



Agriculture Drone Pilot Program - A fully DJI Academy certified course program for professionals who want to build their competence in agricultural drone piloting for spraying and spreading applications

PFA TRAINING CENTER

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**DRONES IN AGRICULTURE
COURSE**



**AGRICULTURE
DRONE PILOT
PROGRAM**

OVERVIEW

The use of crop spraying and seeds broadcasting drones in the agriculture industry is astronomically adopted as an effective approach to sustainable agricultural management that allows farmers to help coordinate their operations, using tools that increase efficiency by saving cost and time.

Crop Spraying and broadcasting drones have the ability to carry payloads very near to the crops and one is able to be very accurate in delivering pesticides or fertilizers to the regions of the farmland as required, minimizing excessive spraying and increasing crop yield. Crop spraying drones are also useful for pest control & disease management.

Note: This is a sector-specific training course and is not training for licensing.

Precision Field Academy has developed with DJI endorsement as an agriculture course to equip drone owners and licensed drone pilots with the skills and competence to operate crop spraying drones.

Drone operators will receive theoretical & practical training on use case applications for crop spraying drones and enable them to apply the technology successfully in the field. The course material is designed from extensive experience in operating crop spraying drones.

The course is aimed at drone owners and licensed drone pilots who want to understand how crop spraying and seeds broadcasting drones are used for in agricultural applications as part of a broader Precision Agriculture methodology.

Participants of the training will be taken through course material covering theoretical and practical topics including: Flight planning, spraying and spreading operation, fertilisers & pesticides Safety and handling, Payloads & Spraying methods

REVAMPING THE FUTURE OF WORKS

COURSE THEORY

- Types of crop spraying drones for agriculture.
- Use cases for crop spraying Drones.
- Payloads & payload management.
- Principles of crop spraying. Handling pesticides & fertilisers.
- Safety management. Autonomous & Manual operations.

PRACTICAL SESSION

- Flight planning.
- Setting up the drone Safety & Protection.
- Flight mode and operations.
- Battery & Power Management.
- Maintenance (basics).

KEY TAKEAWAYS

- Know how to operate DJI Agras (from little to operate it independently)
- RPAS regulations.
- Pre- & post flight checklist.
- Drone Apps for Flight Planning & Weather & Navigation.
- Certificates - DJI & PFAcademy

***NOTE: TRAINING SESSIONS CAN BE DONE IN A COMBINATION OF ONLINE AND PRACTICAL IN PERSON TRAINING. METHOD OF INSTRUCTION: ONE-ON-ONE OR GROUP TRAINING OF UP TO 3 PEOPLE. HAVING YOUR OWN CROP SPRAYING DRONE IS AN ADDED ADVANTAGE BUT NOT A REQUIREMENT FOR TRAINING.**



COURSE FEE: 1 MILLION NAIRA

DURATION: 3 DAYS

REVAMPING THE FUTURE OF WORKS