



AGRIBOT A6

Pioneer in Agricultural Drones

Best GCS- Hindi, English & other languages with 7 inch inbuilt touch screen, No need of smartphone, No risk of phone hanging while drone is flying



Best Li Ion Battery with heavy connectors, Lowest cost of battery per acre



Most compact drone and transportable on our bike model and bagpack



Trusted by IFFCO, best suited for Nano Urea and DAP

Trusted and tested by all reputed agro-chemical companies like Syngenta, Bayer, Dhanuka, BASF, FMC,

Almost 1000 drones are flying in India, Trusted by more than 200 Govt Agri Institutes like ICAR institutes and KVKs

Service centres in all major states of India with Customer support team of 50 pilots

Manufacturing, R&D in India



AGRIBOT A6

Specification



Key Features

Structure	Hexacopter Structure (highly stable)
Flight Modes	Autonomous and Loiter Mode
Return to Launch (RTL)	Empty Tank, Battery drained, mission complete, GCS Failsafe
Spraying capacity	Up to 6 acres/Hour, 25 acres/day with multiple battery sets
Safety Modes	Brake & RTL
Flying range of GCS	Up to 1.5Km (VLOS) using Ground Control Station
Smart battery fail safe	Continuously checks Battery left to return back to home
Resume Mission	Autonomous resume mission with high accuracy
Live video streaming on GCS	2MP FPV Camera



Drone

Drone Maximum Takeoff Weight	24.88 KG
Diagonal wheelbase of frame	1225 mm
Folded size (L x B x H)	565mm* 560mm* 555mm
Maximum Speed	10 m/s
Maximum Height	30 Meters
Maximum Flight Time	Up to 20 minutes (with dispensing payload)
Operating Temperature Range	0 C to 50 C



Spray System

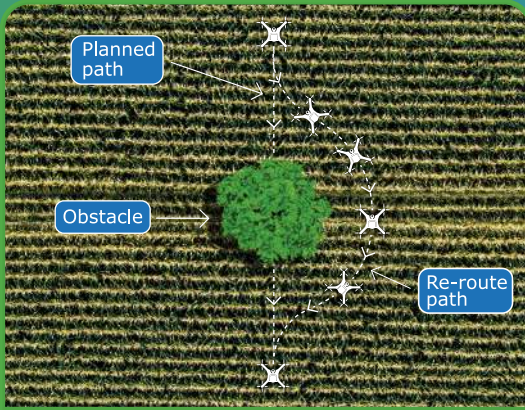
Tank Volume	10 L
Max payload carrying capacity	10 KG
Nozzle Type	High Pressure Flat Fan Spray (Supported nozzles - Hollowcone & high pressure air injected nozzle): World's top nozzle companies
Nozzle Quantity	4 pcs
Maximum spray speed per nozzle	0.85L/Min. (per nozzle for water)
Spray Width	4 meters (4 nozzle, 2.5m-3m above the crops)



Battery

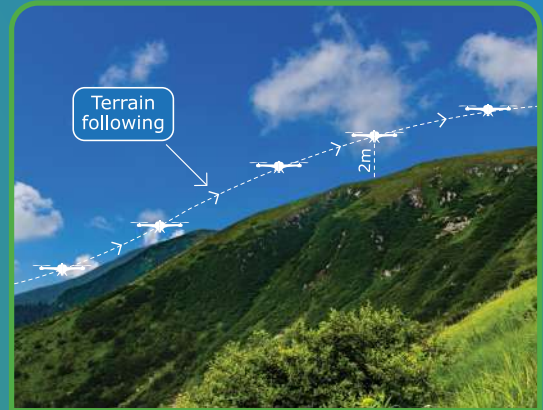
Battery Type	Lithium Battery
Battery Capacity	21000 mAh
Battery Life	upto 500 Cycles
Battery combination	1 set (2 batteries)
Voltage	44.4 V
Connector	AS150U
Charging Time	Up to 50 minutes

Smart Features



RADAR Based Collision Avoidance

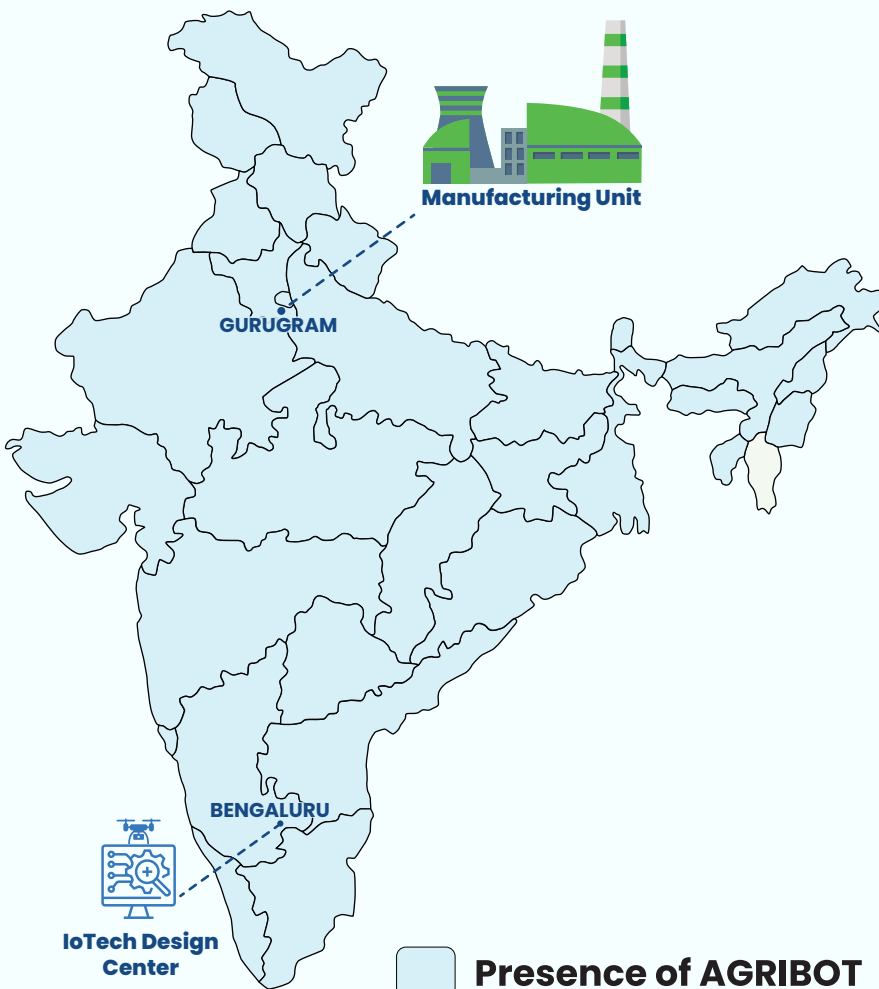
Detect obstructions like trees, poles etc & re-routes itself in Autonomous mode



RADAR Based Terrain Following

Detects variable height of crop, canopy and maintains constant distance from crop canopy for uniform spray

Our Presence



PAN India



Dealers & Service network



Repair & Maintenance centres



RPTO – in all major states



Insurance facility



Finance support under Agri Infra Fund



Business Opportunity via AGRINET



Support for UIN transfer

FEATURES

DETAILS

Battery

Lithium Ion Battery(Not LIPO), life about 500 cycles, Low cost per acre

Best GCS (In Hindi also)

Integrated 7inch touch screen, No need of phone, if you use phone, Phone can hang and crash the drone

Transportation and Size

Most compact drone in its segment, Easily transportable on our Bike model

Electronics

Worlds best electronics and sensors used

Trusted by IFFCO

Company is Selected and approved by IFFCO, Agribot is suitable for Nano Urea and DAP

Manufacturing, R&D in India

2 Acres of manufacturing and R&D facility

Service Network

Service centres in all major states of India with Customer support team of 50 pilots

Population and Trust

Almost 1000 drones are flying in India, Trusted by more than 200 Govt Agri Institutes like ICAR institutes and KVKs

Trusted by Agro-Chemicals manufacturers

Trusted and tested by all reputed agro-chemical companies like Syngenta, Bayer, Dhanuka, BASF, FMC, Aries, Chambal, Sulphur Ltd....

No.1 preference of Agri - Entrepreneurs and DAAS partners

All major Drone as a Service (DAAS) partners and Agri Entrepreneurs are using Agribot only.

Industrial Relations

➤ Assam Agricultural University, Barbheta Jorhat Assam, Jorhat -13, Assam - 785013

➤ Kerala Agriculture University, Thrissur, Kerala

➤ Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur, Bihar-848125

➤ ICAR-Indian Grassland And Fodder Research Institute, Jhansi - 284003

➤ Csk Hp Krishi Vishvavidyalaya Office Of Comptroller Csk Hpkv Palampur, Kangra, Himachal Pradesh-176062

➤ ICAR - Central Arid Zone Research Institute, Jodhpur, Rajasthan-342003

➤ Sardar Vallabhbhai Patel University Of Agriculture And Technology, Modipuram, Meerut, Uttar Pradesh-250110

➤ Director Extension Education, CCS HAU, Hisar, Haryana-125004

➤ SKUAST-k, Shalimar, Srinagar, Srinagar, Jammu & Kashmir-190006

CSIR- Central Institute Of Medicinal & Aromatic Plants

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