



India's **1st** M category UL listed
DGCA APPROVED
 Agriculture Krishi Viman Drone



- ISO 9001:2015
- ISO 45001:2018
- ISO 14001:2015

कृषि विमान किसान का विमान



Supported By



कृषि एवं किसान कल्याण मंत्रालय
 MINISTRY OF AGRICULTURE AND FARMERS WELFARE



Supported by State Government of Gujarat, Maharashtra, Haryana, Madhya Pradesh, Rajasthan and Bihar.



DGCA APPROVED

About **Krishi Viman Drone**

Agriculture is one of the main areas where we are offering WOW Go Green products and services. Our goal is to make farmer's lives more easy with the help of technology. WOW Go Green services offers best in class technology driven farm management solutions to our Indian Farming community. Krishi viman drones are used in different parts of India and farmers are witnessing their true potential. Krishi Viman Drones can help reduce farmer's dependency on manual labour, health hazards of manual spraying (such as snake bites and/or diseases caused by pesticides), as well as shortage of labour, energy and time. As a drone manufacturer, we provide cutting-edge drone technology and best-in-class drones for spraying Agrochemicals, Mapping fields, Monitoring Crop Health, and providing Data-driven Yield Improvement Solutions.

Why Krishi Viman?

Krishi Viman is known for its best technology and fastest spraying, providing a timely and optimal response to humanitarian, commercial and societal needs, offering cost-effective and optimal solutions across multiple problem areas.

With a network of more than 2 Lac Farmers across India where we have done drone spraying work till Jan 2023.

Our Services are:

- Sale of Drones
- After Sale Service
- Repairs and Maintenance
- Spare Parts at Economical Prices.
- Home Delivery (Krishi Viman Delivery at your Doorstep)
- Annual Maintenance Service
- Offsite and Onsite Service Support
- Spraying Services.
- Crop Management
- Loan and Funding Support
- DGCA Approved Training Service
- Provide Agro Inputs

Revolutionizing
Agriculture with
DRONE TECHNOLOGY

Krishi Viman
DGCA APPROVED






Now own **krishi viman**
at only **20k per month** bank EMI



(CREDENTIAL - covered 1 lakh Acre pan india)

Drone vs Knapsack vs Boom Spray

Compare Item	 KV Drone Crop Sprayer	 Knapsack Sprayer	 Traditional Mounted / Boom Spray
Efficiency	30 - 40 acre/day	2 - 3 acre/day	12 - 14 acre/day
Adaptability (terrain, crop growth stage, etc)	Strong adaptability. Not effected by mountain, hilly terrain and paddy field.	Crop, flower and fruit are damaged, trampled or dropped by human. Some high stem crops are difficult in spraying.	Can't work in mountain or hilly terrain. The crop are damaged by tractor and the crop are also easily rolled by the tractor when turn around, to cause low production.
Water consumption per Acre	10 litres per acre	120L - 500L per acre	120L - 500L per acre
Dependency on Labour	Low	High	Medium
Pesticide utilization efficiency	25%-35% pest control efficiency more than traditional plant conservation ways, effective utilization of pesticides up to more than 85%.	Applying large amount of pesticide liquid, but with bad atomization performance, the pesticide utilization efficiency is very low.	Applying large amount of pesticide liquid, but with bad atomization performance, the pesticide utilization efficiency is very low.
Operator Exposure To Chemicals	Away from field during spraying to avoid the pesticide poisoning	Pesticides enter human body by mouth, respiratory passage or skin contact, easily lead to pesticide poisoning.	Applying pesticide from close range, easily lead to pesticide poisoning.
Precision & Accuracy of spray	High	Low	Moderate



Additional Features



Cross-folding structure



Bike carry



30 acre per day



Plug-In Battery



Farmer friendly app



Auto Pilot mode

Specifications



Key Features

Structure Modes	Hexacopter
Flight Modes	Manual Mode & Auto Mode
Return to launch(RTL)	Yes
Spraying capacity	10 Ltr. Payload
Battery fly time	17 mins per battery
Spray per battery	2 - 3 acre
Spraying capacity per day(8 hours)	30 to 50 acre
Flying Range	500 m
Battery fails safe	Yes
Resume Mission	Yes
Live Video Streaming on GCS	Yes



Aircraft

Aircraft maximum Takeoff Weight	28 Kg
Dimensions	2000 x 2000 x 508
Maximum speed	10 m/s
Maximum Height	65 Feet Max
Maximum Flight Time	17 mins
Maximum Hovering Time	17 mins
Operating Temperature Range	-10°C ~ +55°C



Spray System

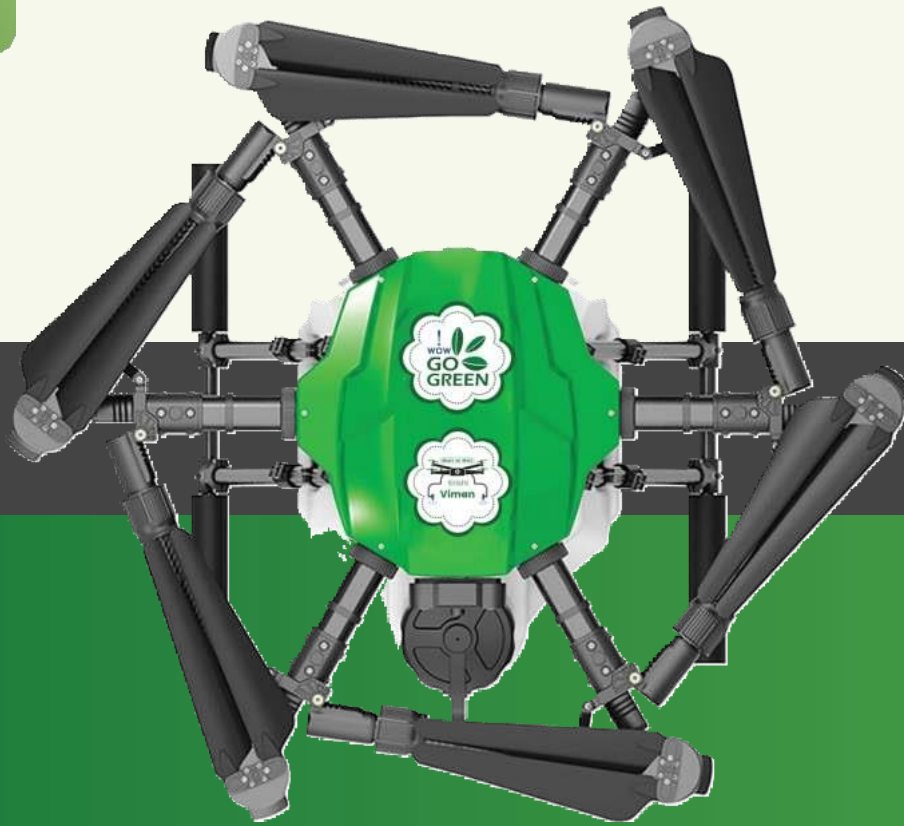
Max Payload Carrying capacity	10 Kg
Nozzel Type	J type
Tank Quantity	10 Kg
Maximum Spray Speed per Nozzel	0.85 L /min
Spray Width	3.5 meter



Battery

Capacity	16000 mAh
Voltage	44.4 V to 50 V
Connector	XT 90 Female & BMS (Battery Management System)
Charging Time	1 hour

Our Offerings



PRODUCT

Krishi Viman- Poshak : Spraying Drone,Imaging
Krishi Viman- Vanya: Forest survey,mapping, Afforestation
Krishi Viman- Rakshak : Surveillance / Fogging / disinfection / sanitization

SERVICE

Crop Growth and health solutions (Spray , Multispectral)
Afforestation : Seed Spreading and maintenance
Civic Solutions Survey/Surveillance
Fogging/disinfection/ sanitization

TRAINING

DGCA Approved Drone Pilot Training
Drone Repair and maintenance

Advantages

ADVANTAGE OF KRISHI VIMAN

- ✓ Save Time: Farmer spreads Urea in 2-3 Acres/day VS Drone sprays 5 – 7 minutes to cover one Acre.
- ✓ Improves Crop and Soil Health.
- ✓ 25% - 35% reduction in input cost.
- ✓ Accuracy: Spray mapping ensures precise spray in fields compared to Manual spray, So Least Wastage.
- ✓ Records: Realtime & Accurate.
- ✓ Crop Health: Regular monitoring.
- ✓ Precision Farming: Sprays are possible only on infected Crops.
- ✓ Crop Height: Only Drone can spray accurately when plant size is 5' ft and above.
- ✓ Farmer protection from health hazard as less contact with fertilizers.

HOW ARE WE CREATING IMPACT?

- Increased agriculture productivity.
- Entrepreneurship opportunities for Rural Youth.
- Capacity building and Skill development.
- Financial & Technological Strengthening of gram panchayats
- Better water management
- Role model in smart and precision farming.
- New Generation of Farm Mechanization to revolutionize agriculture systems.
- Better and modernized Farm Management.
- Job Creations.



किसानों के लिए बेहतरीन



India's 1st Medium Category UL Listed DGCA Approved agri Krishi Viman Drone



अब हम भी कमाएंगे
₹ 80,000
प्रति महीना



Trusted by

IFFCO

पूर्णतः सहकारी स्वामित्व
Wholly owned by Cooperatives



Drone
Manufacturing



After Sales
Support



Pilot
Training



Customer
Support



Mobile App
& Online
Technical Support



Farm
Management
Solution



Loan
Insurance
Support

Thank You!



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