



# Smart Farming Begins Here

Explore the Future of Farming Today



## Be Part of the Garuda Community

Whether you're a farmer, a business, or a dealer, Garuda Aerospace has something for you.

Join a growing network of innovators transforming Indian agriculture.

Get hands-on experience with the latest in drone tech.

Access exclusive subsidies, loans, and success stories.



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[www.garudaerospace.com](http://www.garudaerospace.com)



## Give your farm a Dronedaar boost!

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Increase crop  
yields by up to  
**20-40%**

Reduce the cost of  
labor and resources by  
**30-50%**

Achieve  
**10-15%**  
reduction in  
crop loss

# Inspired by Dhoni Power

“I’m happy to be a part of Garuda Aerospace and look forward to witnessing their growth story with the unique drone solutions they have to offer.”

**M. S. Dhoni**

Garuda Aerospace Brand Ambassador

M.S. Dhoni, a symbol of precision and reliability, lends his visionary leadership to Garuda Aerospace, embodying the spirit of innovation and excellence that drives us forward.

## Our Impact

**478+**

Districts covered, bringing technology to every corner of the country

**100,000+**

Rural Youth trained, creating jobs and unlocking economic opportunities

**6,398**

Drones distributed, transforming industries across India

**62**

Centers of Excellence (COEs) established, fostering innovation and skill development

**1,208**

Vans deployed, supporting rural empowerment



**Scan for  
Garuda Power**

# Empowered by the NaMo Edge

“Every farm should have a drone, every house prosperity. Technology will drive India’s growth and empower its people to achieve their dreams.”

**Shri Narendra Modi**

Hon’ble Prime Minister of India



## Kisan Drone Yatra

Inaugurated by PM Modi, this initiative deployed 100 Kisan Drones across 16 states, impacting over 100 villages with advanced agricultural solutions.

## Sashakt Nari, Viksit Bharat – NaMo Drone Didi

Through the NaMo Drone Didi initiative, Garuda is empowering 15,000 Self-Help Groups to take charge of their own future by mastering drone technology. This initiative is reshaping the agricultural landscape by combining the power of women-led empowerment with the reach of cutting-edge technology.



# Transform Your Farming with Garuda Aerospace

Namaste, Progressive Farmer!

Welcome to Garuda Aerospace, your trusted partner in farming for the future. We're here to empower you with cutting-edge drone technology that transforms your hard work into smart work. Whether it's nurturing your crops, protecting your yields, or optimizing your resources, our drones are designed to help you achieve more—sustainably, efficiently, and profitably.



# Why Garuda Drones? Why Now?

Agriculture is evolving, and so should the tools we use. Traditional methods are time-consuming, resource-heavy, and often risky for farmers. Garuda drones change the game, offering precision, speed, and sustainability in every flight.

Faster, safer, and significantly more efficient, Garuda drones are the future of farming.



## Comparison Chart

Method	Time to Cover 1 Acre	Water Usage	Pesticide Utilization	Risk of Exposure
Manual Knapsack	180 minutes	200 L/acre	100 ml/L	Extremely High
Tractor Spraying	90 minutes	200-300 L/acre	75 ml/L	Medium to High
Drone Spraying	7 minutes	10 L/acre	30-50 ml/L	Zero

# Drones: Your New Best Friend in the Field



## Precision Spraying

### Outputs

- ✓ Spray Coverage Reports
- ✓ Aerial Post-Spray Images
- ✓ Spray Coverage Heatmap (KML/KMZ)
- ✓ Chemical Application Accuracy Report (from drone log data)
- ✓ Droplet Distribution Pattern (if drone sensor supported)
- ✓ Mission Summary Report (auto-generated by drone app)

### Outputs

- Vegetation Health Maps
- Pest & Disease Heatmaps
- Before-After Visual Comparison (Aerial captures)

Traditional methods often rely on manual efforts, which are time-consuming and less precise. Garuda drones provide actionable insights and targeted interventions, ensuring healthier crops and higher profitability.



## Crop Health Monitoring

### Outputs

- ✓ High-Resolution Aerial Imagery
- ✓ Vegetation Index Maps
- ✓ Crop Stress Analysis Report
- ✓ Crop Growth & Canopy Density Assessment
- ✓ Plant Count & Gap Detection report

### Who Benefits ?

- 3D Field Model / Digital Terrain Model (DTM)
- Comprehensive Crop Health Report (PDF)



## Soil Mapping & Nutrient Analysis

### Outputs

- ✓ Orthomosaic
- ✓ NDVI / NDRE
- ✓ Soil moisture (surface estimate)
- ✓ SOM estimation

### Who Benefits ?

- Soil texture estimation
- Thermal map
- DTM/DSM
- Slope & runoff
- Prescription map



## Pollination Assistance

### Outputs

- ✓ Pre-Pollination Field Assessment Report
- ✓ Flower Density Mapping (Aerial Imagery Output)
- ✓ Drone Pollination Operation Report
- ✓ Precision Pollination Map

### Who Benefits ?

- Pollination Efficiency Analysis



## Seed Spraying

### Outputs

- ✓ Aerial Post-Spread Images
- ✓ Seed Distribution Heatmap
- ✓ Seed Dispersion Accuracy Report (from drone log data)
- ✓ Flow-Rate Log from Drone Seeder Mechanism

### Who Benefits ?

- Seeding Completion Certificate
- Before-After Aerial Comparison



## Disease & Pest Detection

### Outputs

- ✓ RGB Orthomosaic (High Resolution)
- ✓ Multispectral Orthomosaic
- ✓ NDVI Map
- ✓ NDRE Map
- ✓ GNDVI Map
- ✓ Thermal Map
- ✓ Canopy Temperature Variation Map

### Who Benefits ?

- Crop Stress Variation Map
- Leaf Color Change Map
- Plant Count & Gap Map
- Canopy Density Map
- Hotspot (Temperature/Stress) Map
- Vegetation Uniformity Map



## Harvesting Monitoring

### Outputs

- ✓ Orthomosaic Map
- ✓ Forest Canopy Cover Map
- ✓ Canopy Height Model
- ✓ Canopy Density Map
- ✓ Vegetation Health Map
- ✓ Digital Surface Model
- ✓ Digital Terrain Model

### Who Benefits ?

- Contour Map
- Elevation, Slope & Aspect Maps
- Thermal Wildlife Heat Signature Map
- Water Body & Drainage Map
- Encroachment / Boundary Change Map
- Forest Survey Report (PDF)



## Forest & Wildlife Survey

### Outputs

- ✓ Aerial Orthomosaic Map (High-Resolution)
- ✓ NDVI / NDRE / EVI Vegetation Index Maps
- ✓ Canopy Density Heatmap
- ✓ Plant Count Output
- ✓ Species Distribution Layer
- ✓ 3D Terrain Model
- ✓ Plant Health Classification Report

### Who Benefits ?

- Tree Height Estimation Layer
- Canopy Coverage Percentage Report
- Post-Processing Summary Report
- Before-After Observation Map



## Afforestation Mapping

### Outputs

- ✓ Aerial Post-Harvest Images
- ✓ Harvested Area Mapping (KML/KMZ Output)
- ✓ GPS-Based Harvest Completion Report
- ✓ Crop Residue Distribution Mapping (Drone Imagery)

### Who Benefits ?

- Yield Estimation Report



The world of farming is changing, and the farmers leading the way are those who embrace the latest technology. Drones are not just gadgets; they are your new partners in growing more, spending less, and farming smarter. Here's how Garuda Aerospace can help you take your farming to the next level:

# Making Drones Accessible: Loans and Subsidies



## AIF Loans (Agriculture Infrastructure Fund):

- Loans up to **₹2 crores** per unit for farmers or farming businesses.
- **3% interest** subsidy for **7 years**, reducing the financial burden.
- No collateral needed, making it easier to access funding.



## SMAM Subsidies (Sub-Mission on Agricultural Mechanization):

- A **40–50%** subsidy for individual farmers, covering up to **₹4 lakhs..**
- Higher subsidies for SC/ST and Women farmers (up to **50%**).
- Additional support for agriculture graduates and Custom Hiring Centres (CHCs).

# Drone Yatra: A Revolution for Rural India

Our Drone Yatra is more than just a campaign—it's a nationwide movement. It is igniting a groundbreaking revolution in rural India, bringing the power of drone technology directly to the heart of agriculture. More than just a demonstration, this movement is transforming farming practices across the country, empowering farmers with cutting-edge tools to increase yield, reduce labor, and drive profitability.



7,000

Drones Ordered

1,00,000

Rural Youth Trained

357

Dealerships Created

1,92,309

Kms Travelled

400

Krishi Vikas Kendras (KVKs) covered

755

Districts Covered



# Why Choose Garuda Aerospace?

Garuda Aerospace is transforming Indian agriculture with precision drone technology that enhances crop monitoring, pest detection, and irrigation management. Their cost-effective solutions save time, labor, and resources, while promoting sustainable farming by reducing chemical and water usage. Designed to meet the specific needs of Indian farmers, Garuda's drones offer tailored services, from seed dropping to pesticide spraying. These drones cover large areas quickly, boosting productivity and efficiency. Backed by industry trust and comprehensive support, Garuda Aerospace provides an all-in-one solution for modern farming, helping farmers achieve higher yields with less effort.



**Sustainability:** Protect the environment while boosting your yields.



**Precision:** Give your crops exactly what they need, when they need it.



**Scalability:** Whether you have a small farm or a large operation, our drones are designed to cover it all.



**Efficiency:** Save time, labor, and resources with automated operations.



**Data-Driven Decisions:** Make better farming decisions based on real-time data.

# Dealers

## Take Garuda to Your Local Market

### What We Offer



Grow with Garuda's trusted brand.



Get competitive pricing and full support



Offer advanced drones for diverse industries



Unlock high-profit opportunities



Continuous sales and marketing resources

# Distributors

## Fuel Regional Growth

### How Can We Help?



Maximize regional reach with bulk pricing



Enjoy exclusive distribution rights and support



Streamlined logistics for smooth operations



Be part of a growing drone network

# Choose the Right AMC Plan

## Basic

- ✓ General Wire Connections
- ✓ ESC Calibration
- ✓ RC Calibration
- ✓ Motor Alignment Correction
- ✓ GPS Stand Tightening
- ✓ Allen Bolts & Nuts Tightening
- ✓ Antenna Tightening
- ✓ Cleaning Services (Spray Nozzle Tips, Water Tubes, and so on)

## Premium

- ✓ Covers all the basic services
- ✓ Tank Cap and Filters Cleaning
- ✓ Landing Gear Replacement
- ✓ GPS & Antenna Tightening
- ✓ Refresher Course
- ✓ TRF Sessions
- ✓ Antenna Tightening
- ✓ Transmitter and Receiver Binding/Wiring

## Elite

- ✓ Covers all Basic & Premium Services + Transmitter issues
- ✓ TRF Sessions
- ✓ 1 Free RPTO Seat
- ✓ Other Advanced Repairs
- ✓ 1 Free Set of Batteries

# Kheton Ka Kaptan

From small farms to large fields, there's a Garuda Kisan Drone to suit every need.

- Tested on 15+ Crops, Toughest Terrains & Extreme Weather Conditions
- Powered by artificial intelligence & Machine Learning Saves 90% of Water & Pesticides
- Latest Technology: Obstacle & Collision Avoidance, Auto Terrain Adjustment, Fail Safe Features
- Extremely Easy & Safe to Fly

- Manual & Autonomous Flying Modes
- Insurance & Loans Available by all Major Companies
- Qualified for subsidy under central & state govt.
- Well Established Sales & Service Center Across India
- 10-15 Day Hassle Free Delivery at Your Doorstep

DGCA Approved Type Certified Drones

## Built for Bigger Challenges: Kisan Drone Medium



### Flight Time:

19 min

### Operating Altitude

82 ft

### Flying Speed

Up to 0-10 m/s

### Spray Tank

10 L

### Flying Radius

Up to 1500 m

### Spray Speed

Up to 8 m/s

### Spray Flow

2-5 L/min

### Spray Nozzle

15-20 microns

### Take-off Weight

29.5 kg

### Spray Efficiency

1500-2500 sq.m/min

DGCA Approved Type Certified Drones

## Small but Mighty: Kisan Drone Small



### Flight Time:

11.3 min

### Operating Altitude

49.21 ft

### Flying Speed

Up to 5 m/s

### Spray Tank

8 L

### Flying Radius

Up to 1500 m

### Spray Speed

Up to 5 m/s

### Spray Flow

1-2.5 L/min

### Spray Nozzle

15-20 microns

### Take-off Weight

24.90 kg

### Spray Efficiency

1500-2500 sq.m/min

# Real Stories from Smart Farmers

Discover how Garuda Kisan Drones are boosting productivity and transforming agriculture, straight from those who use them.

“Garuda drones save me time and money. Spraying my crops is faster and easier now, and my yields have gone up. It’s the best decision I made for my farm.”

**Rajesh Kumar**  
Farmer, Punjab

“With Garuda drones, I use less water and pesticides. My crops are healthier, and I don’t have to work as hard. I’m very happy with the results!”

**Anjali Devi**  
Farmer, Maharashtra

# Partner with Garuda Aerospace

The future of farming is here, and it’s smarter, more efficient, and more profitable. Don’t get left behind – embrace drone technology and take your farm to new heights. With Garuda Aerospace by your side, you’re not just a farmer; you’re a smart farmer, leading the way in modern agriculture.

**Contact Us Today to Learn More!**

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# Certifications

