AGRI – AUTOMATION

Agricultural Spraying
Problem(s) in Agricultural Spraying

- **Labour Shortage**: Millions of farm labourers leave agriculture every year.
- **Inefficiency**: Time consuming & Non-uniform spray → Increased Costs & Reduced Yield.
- **Wastage**: Considerable spray quantity goes to non-target areas / ground.
- **Hazardous**: Continuous spraying of chemicals leads to illnesses.
Solution - Drone based Spraying system

Manual

1 acre/hour

Hazardous

Drone

6 acre/hour

Safe

Click [here](#) for Video Demo of solution
Solution: Autonomous Spraying UAV from THANOS

- Made in India
- Autonomous flights
- In-House designed batteries
- Height sensing radar
- Industry leading 20 minutes flight time
Agricultural Spraying Service – Status Quo

- 3200+ Acres sprayed
- 200+ Farmers
- 4 Crops
- 50+ Days of R&D Trials

<table>
<thead>
<tr>
<th>Locations</th>
<th>Crops</th>
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<tbody>
<tr>
<td>Telangana</td>
<td>Rice</td>
</tr>
<tr>
<td>Andhra Pradesh</td>
<td>Cotton</td>
</tr>
<tr>
<td>Karnataka</td>
<td>Mirchi</td>
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<tr>
<td>Maharashtra</td>
<td>Maize</td>
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</tbody>
</table>
The Opportunities

Drone Spraying

Employment Generation

Rural Entrepreneurship

Skill Development – AMC/Repairs
# The Roadmap

<table>
<thead>
<tr>
<th></th>
<th>FY 2022-23</th>
<th>FY 2023-24</th>
<th>FY 2024-25</th>
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<tbody>
<tr>
<td>No. of Drones</td>
<td>300</td>
<td>2000</td>
<td>10000</td>
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<tr>
<td>Employment Generation</td>
<td>750+</td>
<td>5000+</td>
<td>25000+</td>
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<tr>
<td>Acreage</td>
<td>1 Million</td>
<td>6 Million</td>
<td>30 Million</td>
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<tr>
<td>Water Saved (Litres)</td>
<td>100 Million</td>
<td>600 Million</td>
<td>3 Billion</td>
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Contact Us

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