

Agricultural Spraying Drone



Let's Farm Smart



Founded in 2019, Sharif Agrobot has emerged as a prominent leader in the realm of agricultural robotics within Iran. Our mission is to spearhead the Agricultural Revolution 5.0 by seamlessly integrating cutting-edge AI and robotics into agriculture.

Sharif Agrobot specializes in a diverse range of agricultural advancements, including early crop disease detection, AI-driven mapping solutions, state-of-the-art agricultural spraying drones, and innovative robotic pollination technologies.

Our signature achievement includes the creation of a premium agricultural spraying drone, available in two liquid tank capacities: 10 and 20 liters. We pride ourselves on delivering excellence and precision in every aspect of our work.

Leveraging our deep-rooted expertise in high-tech knowledge, Sharif Agrobot excels at crafting purpose-built robots tailored to the unique demands of the agricultural sector. Join us in shaping the future of farming through technology-driven solutions.

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Localization with
GNSS



BLDC Motors



Smart Remote Control
with Touchable Panel

Sharif

Agricultural Spraying Drone

Smart LiPo 12S 16000mAh Batteries ●

Spraying up to 6 Hectares in 1 hr ●

Spraying 1 Hectare in each Flight ●

Spraying Width: 4.5 meters ●

Spraying Width: 4.5 meters ●

Spraying 2 Hectare in each Flight ●

Spraying up to 9 Hectares in 1 hr ●

Smart LiPo 14S 22000mAh Batteries ●

10L

20L



Advantages of Spraying Drones

High Speed Spraying

Low Water Usage

Healthy for Operator

Full Coverage

No Plant Crushing

Ability of Spraying at Night

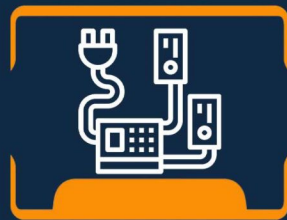
Spraying in Muddy Fields



Fast, Slow and
Storage Charging
Modes



Teejet
Nozzles



Smart Charger with
Four Channels



Obstacle Avoidance
Radar

10L/20L
Liquid Tank

AUTO

Fully Automatic
Flight