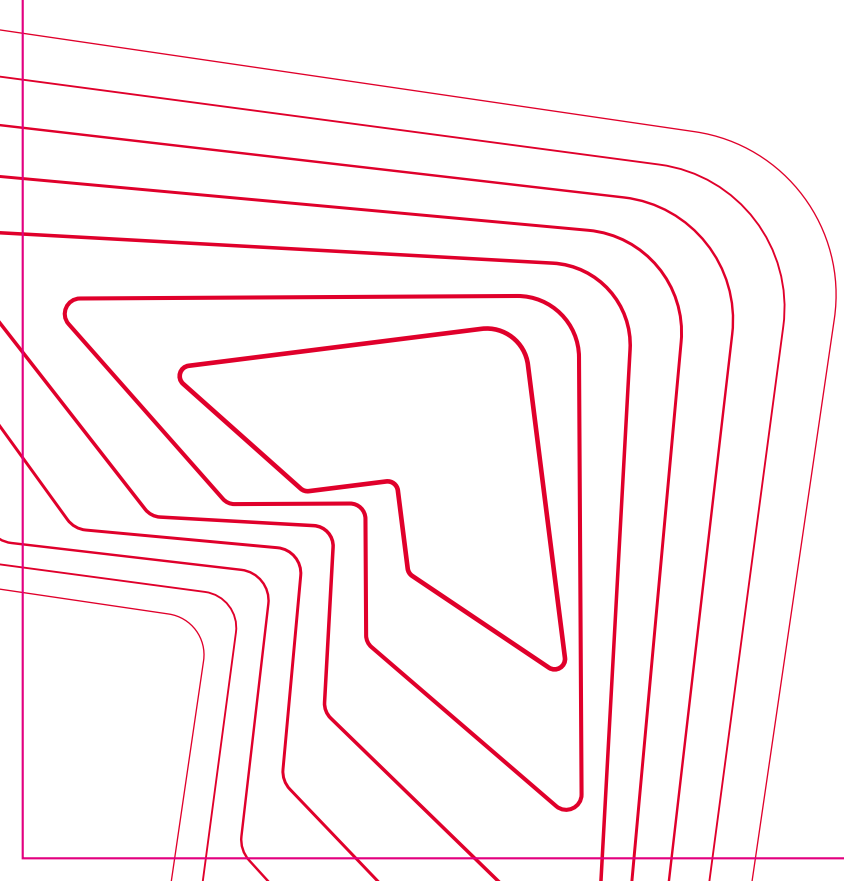


XAG

GEEK FARMER



XA.COM



Standing at the Frontier of Agriculture

Agriculture has shaped human civilization. From hunting and gathering to settled farming, and later to Industrialization, two major agricultural revolutions enabled humanity to feed a population that grew from fewer than 10 million people 10,000 years ago to more than 8 billion today.

Yet this progress came at a cost. Excessive use of pesticides and fertilizers has contributed to pollution, soil degradation, and biodiversity loss. Over the past two centuries, large-scale monoculture has reduced local crop diversity, increased dependence on global trade, and weakened the resilience of food systems. Urbanization, climate change, and geopolitical uncertainty are adding further pressure. Agriculture must now produce food more safely, reliably, and precisely, while using fewer resources and reducing environmental impact.

From the 1980s, engineers and scientists around the globe started applying satellite navigation, autonomous driving, robotics and biotechnology to agriculture. These advances began to reshape how fields are cultivated, inputs are applied, and farms are managed. Together, they have ushered in the Third Agricultural Revolution—one driven not simply by greater physical inputs, but by data, intelligence, and precise execution. Beyond raising productivity, this revolution also has the potential to narrow the urban-rural divide and improve farmers' incomes.

Today, around 1.5 billion people depend on agriculture for their livelihoods, but many remain constrained by low productivity, unequal value distribution, and growing climate and market uncertainty.

At XAG, our mission is advancing agriculture. We believe that the key challenges facing agriculture today can be addressed through technological innovation. In this transformation, ag-tech companies like us with strengths in technology, talent, and manufacturing will increasingly bring their innovations to the world, and help shape the future of agriculture.

3 Key Challenges in Modern Agriculture



Labor Shortage

Agricultural populations are aging worldwide. In the European Union, 57% of farm managers are over 55, while only 12% are under 40. With the global population expected to reach nearly 10 billion by 2050, agriculture faces a widening generational gap as fewer young people enter the sector, increasing the need for smarter technologies.



Climate Change

Climate change is placing increasing pressure on agriculture. Anthropogenic climate change has reduced global agricultural productivity by about 21% since 1961, with losses reaching 30–33% in regions such as Africa and Latin America. More frequent droughts, heatwaves, and extreme weather events are increasing production risks worldwide.

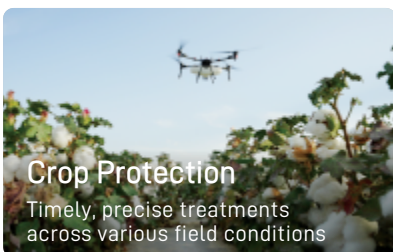


Water Scarcity

More than 80% of the world's croplands could experience increased water scarcity by 2050. At the same time, global water demand has grown twice as fast as the human population over the past century. As the largest consumer of freshwater, agriculture is highly exposed to water stress, making efficient use of water increasingly critical.

XAG Smart Farm Solutions

From field preparation to harvest, XAG helps agricultural producers work smarter, committed to providing the right solutions for various application.



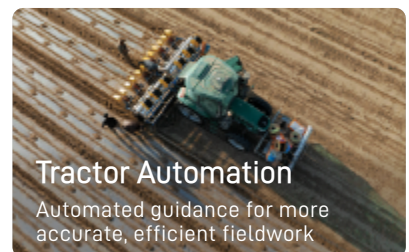
Crop Protection

Timely, precise treatments across various field conditions



Planting & Seeding

Precision planting with less seed waste



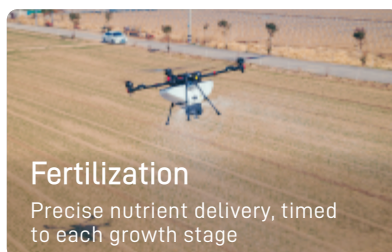
Tractor Automation

Automated guidance for more accurate, efficient fieldwork



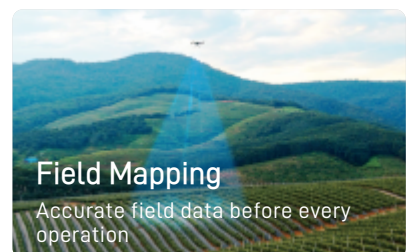
Irrigation

The right amount of water, at the right moment



Fertilization

Precise nutrient delivery, timed to each growth stage



Field Mapping

Accurate field data before every operation

Pioneering Smart Agriculture for a Sustainable Future

Founded in 2007, XAG is an agricultural robotics company dedicated to making farming more efficient, sustainable, and rewarding. In response to challenges such as labor shortages and climate change, we develop autonomous drones, ground robots, tractor auto-pilot systems, and smart farm IoT technologies that help farmers improve productivity while reducing costs and risks.

► Mission

Advancing Agriculture

► Vision

We aim to build the infrastructure of agriculture for the next 100 years, that will provide the world with sufficient, diversified, and safe food.



Field Crops Solutions

Field crops form the backbone of global agriculture. Rice feeds more than half of the world's population, while cotton supports the livelihoods of over 100 million farming households worldwide. As labor shortages and climate uncertainty intensify, farmers face increasing pressure to operate within narrow time windows. This calls for more precise and efficient approaches to crop protection and yield management.

XAG's intelligent solutions help. XAG Agricultural Drones enable fast, large-scale spraying and spreading to meet tight operational windows, while automated steering systems transform tractors into hands-free, centimeter-level precision machines, the smart fertigation system supports automated water cycles.

Rice

Challenges

Blast and brown planthopper are persistent threats. Flooded fields restrict access, while transplanting and seeding remain highly labor-intensive.

Solutions

- ▶ Agricultural drones enable timely pest control regardless of field conditions.
- ▶ Drone-based direct seeding reduces early-season labor and transplanting costs.
- ▶ Auto-steered transplanters improve planting uniformity and crop emergence.
- ▶ Automated water cycles, including alternate wetting and drying, reduce costs without compromising yield.



Agricultural
Drone



AutoPilot
Console



Smart Fertigation
System



Overall Cost Reduced by **16%**
Seeding Cost Reduced by **47%**

Soybeans

Challenges

Soybeans are sensitive to timing at every stage: spray windows are short, crop emergence is easily uneven, and pod fill leaves little margin for irrigation error.

Solutions

- ▶ Drones stay operational through wet conditions, ensuring timely treatments.
- ▶ Tractors with auto-steering maintains consistent row spacing for cleaner harvest.
- ▶ Precise moisture control during pod fill reduces the need for repeated field visits.



Agricultural
Drone



AutoPilot
Console



Smart Fertigation
System



Water Reduced by **80%**
Pesticide Use Cut by **50%**
Coverage at **13-20 ha/hour**

Cotton

Challenges

Uneven rows, poorly timed pest treatments, and inefficient irrigation can all chip away at lint yield and quality across every stage of the season.

Solutions

- ▶ Tractors with auto-steering keeps planting lines consistent.
- ▶ Drone applications catch bollworms and aphids before they spread.
- ▶ Precise root-zone irrigation prevents water stress and over-irrigation at critical growth stages.



Agricultural
Drone



AutoPilot
Console



Smart Fertilization
System

Yield Reached **7.9 tons/ha**
Labor Cost Reduced by **70%**
Water Cost Decreased by **25%**



Corn

Challenges

Nutrient demands shift constantly across the season, while pressure from borers, weeds, disease, and aphids spans from emergence to grain fill. On large fields, even small inconsistencies in planting lines can lead to skips, overlaps, and wasted inputs.

Solutions

- ▶ Tractors with auto-steering maintains pass accuracy across every acre.
- ▶ Drone applications reach the crop as canopies close and ground access becomes harder.
- ▶ Precise nutrient delivery at the right time and place reduces waste through the season.



Agricultural
Drone



AutoPilot
Console



Smart Fertilization
System

Consistent Stands
Timely Treatments
Less Nutrient Waste



Orchards Solutions

Orchard production plays a vital role in global agriculture and rural economies. Bananas are a key source of food security for more than 400 million people worldwide, while citrus is cultivated in over 140 countries and supports millions of rural livelihoods. Complex terrain and dense canopies make orchard operations labor-intensive and difficult to manage at scale.

XAG provides intelligent solutions for challenging orchard environments. XAG Agricultural Drones and Agricultural Rovers efficiently manage steep slopes, dense canopies, and narrow row spacing. They deliver high-flow, precise spraying for effective pest and disease control, along with targeted irrigation, significantly reducing labor while protecting crop yield and quality.

Citrus

Challenges

Dense canopies, tall trees, and steep slopes make pest control in citrus orchards slow and labor-intensive, with psyllids and mites hard to reach by conventional means.

Solutions

- › Drone spraying penetrates the canopy from above regardless of terrain.
- › Rovers keep work moving through narrow, flat blocks.
- › Automated fertigation handles the frequent nutrient deliveries without repeated field visits.



Agricultural Drone



Agricultural Rover



Smart Fertigation System



Labor and Input Costs Down **80%**
Water Savings up to **90%**

Grapes

Challenges

Powdery mildew and downy mildew require consistent spray intervals, yet steep slopes and soft ground often make field access unpredictable. Over-irrigation at the wrong stage directly dilutes fruit quality.

Solutions

- › Drones maintain spray timing regardless of terrain or soil conditions.
- › Compact rovers move cleanly through tight rows without disturbing soil.
- › Remote fertigation control keeps water and nutrients precise at every growth stage.



Agricultural Drone



Agricultural Rover



Smart Fertigation System



On-schedule Spray
Disease controlled
Quality protected

Mangoes

Challenges

Mango trees need a dry period to trigger flowering, followed by consistent moisture through fruiting. Meanwhile, anthracnose, powdery mildew, and caterpillars need timely treatments across orchards where large equipment struggles to navigate.

Solutions

- ▶ Drones cover the full canopy on schedule regardless of orchard size.
- ▶ Compact rovers move steadily through tight rows where large equipment can't reach.
- ▶ Automated fertigation manages seasonal water transitions remotely.



Agricultural
Drone



Agricultural
Rover



Smart Fertigation
System



Overall Cost Reduced by **30%**

Pesticide Use Decreased by **30-40%**

Bananas

Challenges

Pest and disease pressure peaks during the rainy season, exactly when spray windows are shortest and ground equipment is least reliable. Seasonal shifts between wet and dry also demand frequent irrigation adjustments that are hard to manage manually.

Solutions

- ▶ Drones maintain treatment schedules regardless of ground conditions.
- ▶ Remote fertigation control keeps water and nutrient delivery on track across seasons.



Agricultural
Drone



Smart Fertigation
System



Labor Cut at Every Stage

Inputs on Track All Season

Protected Crops Solutions

Greenhouse production is among the most intensive and high-value forms of agriculture. In the United States alone, blueberries generate nearly \$9.1 billion in annual economic impact and support over 60,000 full-time jobs. Yet rising pest pressure and stricter quality standards continue to challenge growers, making precise control essential in confined environments.

The XAG Rover and Smart Fertigation System are ideal solution. The Rover enables precise autonomous spraying in confined spaces with narrow rows. While the Smart Fertigation System provides accurate, automated water and nutrient delivery, reducing waste and ensuring uniform crop growth.

Blueberries

Challenges

High planting density and limited working space make precise application difficult. Bruised fruit means lost revenue, and shallow roots leave little margin for irrigation errors.

Solutions

- ▶ Lightweight rovers deliver fine, uniform coverage without damaging fruit.
- ▶ Automated fertigation applies measured doses at the right timing.



Agricultural
Drone



Smart Fertigation
System



Less Fruit Damage
Uniform Berry Size
Reduced Operator Risks

Roses

Challenges

Powdery mildew, botrytis, spider mites, and thrips are constant threats in greenhouse roses. Dense rows make full manual coverage nearly impossible, and shifting nutrient needs are hard to track manually.

Solutions

- ▶ Rovers move steadily through every row from canopy to stem base.
- ▶ Smart fertigation keeps water and nutrient delivery accurate throughout the cycle.



Agricultural
Drone



Smart Fertigation
System



Uniform Coverage
Consistent Nutrition
Less Manual Work

Greenhouse Cucumbers

Challenges

Shallow, fast-growing roots make cucumbers highly sensitive to water and nutrient variation. Whiteflies, aphids, and spider mites move quickly across dense plantings once established.

Solutions

- ▶ Smart fertigation delivers precise, schedule-matched nutrient solutions.
- ▶ Rovers run regular spray cycles to catch infestations early.



Agricultural
Drone



Smart Fertigation
System



Consistent Fruit Quality
Early Pest Detection
Less manual work

Melons

Challenges

As melons approach harvest, overwatering cracks fruit and lowers sugar content, while underwatering stunts size and vine health. Whiteflies and spider mites add further pressure.

Solutions

- ▶ Automated fertigation delivers small, frequent doses calibrated to each growth stage.
- ▶ Compact rovers maintain regular treatment intervals without disrupting the canopy.



Agricultural
Drone



Smart Fertigation
System



Fruit Quality Protected
Pest Pressure Managed
Vines Undisturbed



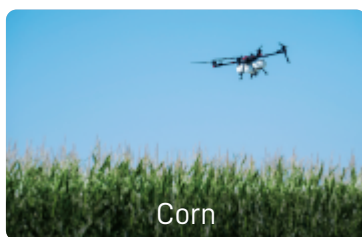
XAG Agricultural Drone

It is a state-of-the-art agricultural drone designed for superior efficiency in demanding operations. It performs autonomous spraying, spreading, field mapping, and material transport with outstanding precision and intelligence. The ultimate solution for modern farming, it delivers efficiency, easy control, and proven reliability, helping farmers optimize inputs, boost yields, and maximize productivity.

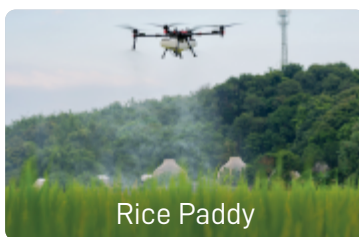
- ▶ Easy to transport, with quick swapping between different task modules
- ▶ Spray precisely as needed to reduce chemical usage and conserve water
- ▶ Uniform and efficient seeding and fertilizer spreading
- ▶ Autonomous operation via smartphone, with intelligent route planning
- ▶ Avoid obstacles with precision from 1.5 to 100 meters
- ▶ Map real-time 3D terrain across varied landscapes
- ▶ Captures high-definition images over rugged terrain



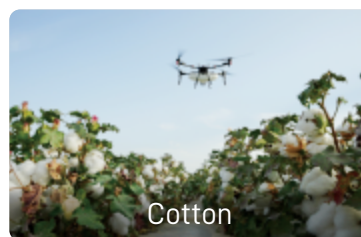
Built for Diverse Applications



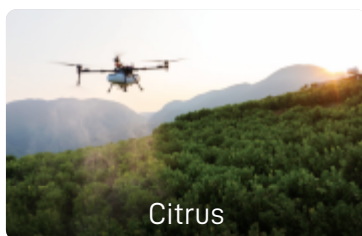
Corn



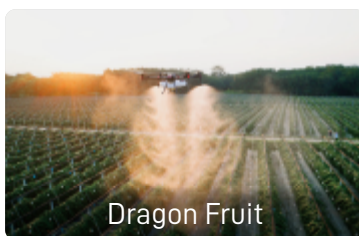
Rice Paddy



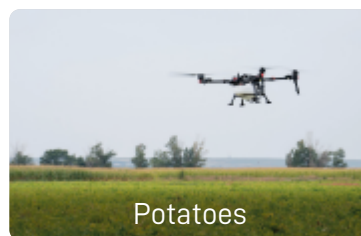
Cotton



Citrus



Dragon Fruit



Potatoes



XAG AutoPilot Console

The automated steering system is uniquely designed for hands-free farm operation. It supports a wide range of agricultural machinery and offers multiple guidance line modes. All smart functions can be easily controlled via smartphone. Everything operates with centimeter-level accuracy, so you can make every inch of your land count.

- › All-in-one design with quick installation
- › Enables autonomous operation on traditional farm machines
- › Achieves centimeter-level accuracy with fewer skips and overlaps
- › Compatible with multiple farm machines, supporting ridging, seeding, and rice transplanting
- › RTK and PPP positioning, supports multiple correction signals
- › Automatic route planning for straight lines and curves
- › Simple and user-friendly app control



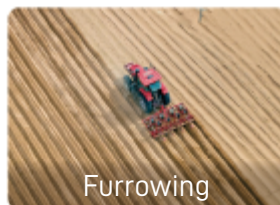
Maximize Land Use While Reducing Input Costs



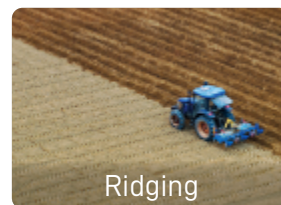
Maize & Soybean
Relay Intercropping



Rice Transplanting

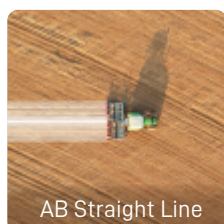


Furrowing



Ridging

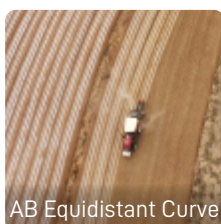
Smart Guidance Lines



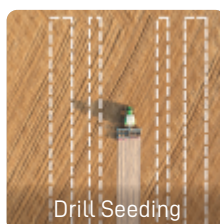
AB Straight Line



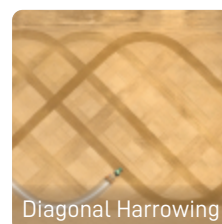
AB Curve



AB Equidistant Curve



Drill Seeding



Diagonal Harrowing



Scan for latest updates

XAG Agricultural Rover

An all-electric, nimble agricultural robotic platform designed for orchards and greenhouses. It delivers precise, uniform spraying with simple intuitive remote control while ensuring human-pesticide separation for operator safety. Highly flexible with powerful scalability, it can be easily modified for multiple agricultural tasks.

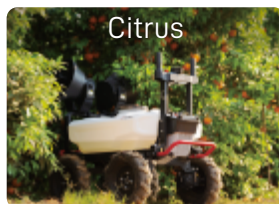
- ▶ Fully autonomous spraying with precision, reducing water and pesticide use
- ▶ High agility with a durable yet lightweight structure
- ▶ Independent motors ensure stable movement across challenging terrain
- ▶ Strong propulsion to handle various application scenarios
- ▶ Intelligent navigation, supporting multiple route modes
- ▶ AI safety assistance with automatic pedestrian detection
- ▶ High-resolution field mapping during the first manual pass for precise path planning



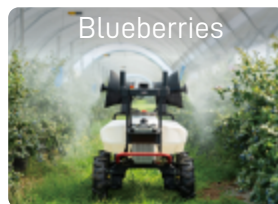
Adapt to Diverse Scenarios



Grapes



Citrus



Blueberries



Dragon Fruit

Support Modular Add-ons for Endless Possibilities



XAG Smart Farm IoT Products

A comprehensive range of smart farm IoT products that delivers a holistic solution for water and fertilizer management. The smart fertigation system enables precise, smartphone-controlled operation, reducing inputs and improving productivity.



XAG FBV Smart Electric Valve

A reliable, easy-to-install system that automates irrigation and enables optimized water distribution via a smartphone.

- ▶ High-accuracy sensors and dynamic valve control for precise water pressure
- ▶ Remotely manage batches with customized scheduling via the XAG Farm App
- ▶ Internal and external antennas for orchards, greenhouse, tall crops and more
- ▶ Real-time monitoring and instant emergency alerts for any abnormality



XAG FPI Pressurized Injector

A pressure-differential powered injector that delivers consistent nutrient application, offering a reliable solution for daily fertilization needs.

- ▶ Auto-adjust valve ratio for precise, even distribution to boost crop growth
- ▶ Optimize fertilizer use with rotational scheduling and customizable plans
- ▶ Set fertilizing duration via smartphone for remote control anytime, anywhere
- ▶ Simple installation with existing setups, easy to maintain

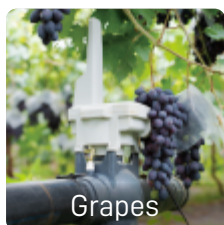


XAG Farm Network Solutions

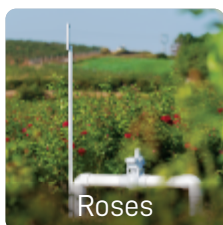
The XAG Local Server creates a dedicated farm network, working with the XAG Wireless Relay for wider coverage and reliable connectivity.

- ▶ High-performance connections ensure smooth operation, even in remote areas
- ▶ Process and store all operational data locally for enhanced security
- ▶ Connect the XAG Farm App and equipment across your entire farm
- ▶ Extend Wi-Fi coverage to devices connected at greater distances

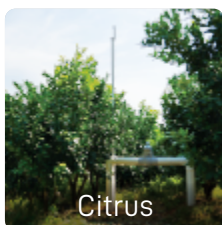
Built for Diverse Applications



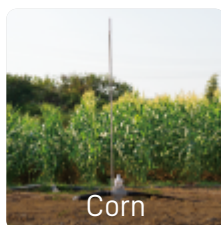
Grapes



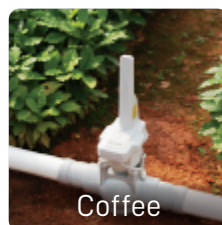
Roses



Citrus



Corn



Coffee

Integrated R&D and Manufacturing Excellence

XAG leads in flight control algorithms, industrial design, material science, mechanical and electronic engineering, and intelligent manufacturing, holding a globally significant patent portfolio in agricultural technology. Throughout decades of continuous R&D investment, we drive innovation to deliver increasingly cost-efficient and user-friendly smart farming solutions.

NO.1

Patent holder in the agricultural drone industry

3300+

R&D patents granted

4400+

R&D patents applied

60+

Software copyrights



10,500,000+

Accumulated operating hours of agricultural drones

*Statistics as of 31 December 2025.
Some data may extend beyond this time range.



XAG Manufacturing Center, with its in-house R&D capabilities, operates advanced production lines for smart agricultural equipment. We oversee all core processes, from component production to final assembly, with rigorous quality control measures, ensuring each product undergoes thorough testing and validation for top-tier performance.

Key Processes

100%

 Self-developed

Core Module Manufacturing



Parts Production



Final Assembly



Final Testing



Delivery



Certifications



Solving Local Problems on a Global Scale

70+ Countries and regions are benefiting from XAG products

Labor shortages, rural aging, and climate change are among the biggest challenges facing modern agriculture. Bridging the gap between rising food demand and a shrinking rural workforce is crucial for both human survival and sustainable development. Working with local partners and industry leaders, XAG strives to build an open, innovative business network that serves farmers worldwide.



Form a strategic partnership with Chia Tai and launch XAG THAILAND to drive the adoption of smart agriculture solutions in the country.



Collaborate with IRRI to validate agricultural technologies in rice cropping systems through research and experimentation.



Boost cost efficiency in rice, durian, mango, and banana cultivation with precise seeding, spraying, and fertilizing for smallholders.



Introduce smart equipment to Brazilian demo farms, helping small and medium farmers boost automation, reduce costs, and increase yields.



Enhance intelligent large-scale management in soybean, wheat, corn and sunflower farms with flexible precision drone operation, helping farmers seize the farming window.



Partner with PIX4D to introduce prescription map feature for agricultural drone, boosting variable-rate application on farm.



Become the largest market for autopilot consoles, which excel in precision tasks that cut costs and increase convenience for farmers.



Join forces with Bayer to expand the use of agricultural drones and unmanned ground vehicles in rice fields and orchards.



Work with local regulators and industry partners to advance drone spraying regulations, making Bulgaria the first EU country to formally regulate the practice.



Receive aerial spraying approval from the government, making XAG's drone the only legally authorized one for plant protection operations.



Optimising agricultural and environmental operations by providing fast, safe, and cost-effective solutions that significantly reduce time, labour, and operational risks.



Help farmers respond to extreme weather by enabling timely field operations during the rainy season.

Corporate Social Responsibility

Statistics as of 31 December 2025, covering the period from 1 January 2025 to 31 December 2025. Some data may extend beyond this time range.

Advancing Farm Productivity

167 million

Hectares of farmland operated with XAG equipment

2,500+

Farms equipped with XAG smart fertigation systems

26 million tons

Crop yield increased
= Enough to feed 66.44 million people for a year



4–5% Yield Increase in Brazil

To maximize tight spraying windows on vast Brazilian farms, Giacomo Leonardelli uses XAG drones for efficient crop protection at 19 ha/h. This approach overcomes traditional limitations and boosts yields by an estimated 4–5%.



10% Output Gain in Türkiye

Agriculture in Türkiye faces water scarcity, limited field access, and rising costs. The Gökmens, a father-son farming duo, are turning to XAG drones for precise application, reducing water and pesticide inputs while increasing yields by about 10%.

Empowering Rural Communities

230,000+

Drone pilots and service engineers trained by XAG Academy



Youth Return to Rural Vietnam

As rural Vietnam faces labor decline, XAG is opening up new pathways. Former city worker Lưu Văn Đoàn now earns a stable living as an agricultural drone pilot. Local data shows drone crop protection reduces pesticide use by 30% and increases crop yields by 15%.



New Livelihoods for Women in Rural Cambodia

Female drone pilot Tou Kousal uses XAG drones to provide spraying services, building a business that now serves hundreds. Her work helps rice farmers cope with floods, labor shortages, and rising costs in today's Cambodia. Her path is also opening up new possibilities for women in rural communities.

Empowering Rural Communities

180 million tons

Water saved
= Annual water consumption of 2.51 million residents



80% Water Savings in Argentina

Extreme climate in Argentina, including the 2022-23 La Niña drought with \$20 billion in losses, continues to strain agriculture. Farmer Tomás Zavalía tackles this by using an XAG drone, saving 80% water usage.

1030 million liters

Fossil fuels saved
= Putting 1.72 automobiles off the road for a year

2.75 million tons

Carbon emissions reduced
= Planting 145.83 million trees a year



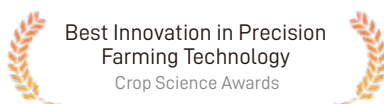
11 Hectares Reforested in the UK

Over 90% of the ancient rainforest in Devon and Cornwall has been lost. In those remote areas, terrains are complex. By using XAG drones, 75,000 native seeds have been sown, helping rewild 11 hectares of rainforest.

Honors and Awards



Global Technical Recognition
in Sustainable Plant
Production and Protection
Food and Agriculture Organization
of the United Nations



Best Innovation in Precision
Farming Technology
Crop Science Awards



Sustainability Innovation
Award
Reuters Responsible Business
Awards



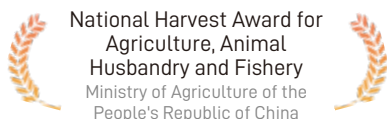
Global Unicorn Index
Hurun Report



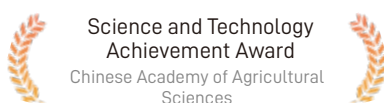
National Manufacturing
Individual Champion Enterprise
Ministry of Industry and
Information Technology of the
People's Republic of China



National Specialized and
Advanced "Little Giant" Firm
Ministry of Industry and
Information Technology of the
People's Republic of China



National Harvest Award for
Agriculture, Animal
Husbandry and Fishery
Ministry of Agriculture of the
People's Republic of China



Science and Technology
Achievement Award
Chinese Academy of Agricultural
Sciences



Demonstration Base for Rural
and Agricultural Informatization
Ministry of Agriculture and Rural
Affairs of the People's Republic
of China

XAG Strategic Partners



A global crop science leader,
partnering with XAG on
precision drone spraying, joint
R&D, and digital farming.



One of Asia's largest agribusiness
groups, partnering with XAG to
deliver smart agriculture
solutions in Thailand and beyond.



A global agricultural machinery
leader, collaborating with XAG
to bring agricultural drones to
the Brazilian market.



A leading Malaysian plantation
group, partnering with XAG to
advance precision management
in oil palm cultivation.



A leading European precision
agriculture group, bringing XAG's
autonomous farming solutions to
farmers across Europe and Africa.



A Japanese agricultural
machinery pioneer, partnering
with XAG to deliver integrated
smart farming solutions.

Partnering for Shared Success

Ready to change the agricultural technology landscape and achieve market success in your region? Be the driving force, take the lead and make a difference. If this excites you, let's get started.

How we work together



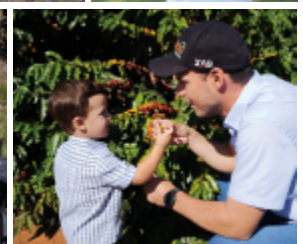
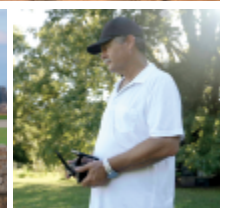
Your success is our priority. XAG equips you with:

- › Professional brand reputation and market credibility
- › Competitive pricing with a tiered discount system
- › Comprehensive training and technical support
- › Ready-to-use marketing tools and campaign resources
- › Ongoing performance tracking and sell-out assistance



As a valued XAG partner, you will play a vital role in:

- › Drive local market growth and promotion
- › Build strong community relationships
- › Deliver technical training and support to farmers
- › Establish a professional service network





How to Become an XAG Authorized Dealer/Distributor?

1

Contact XAG with your business details and complete the application.

2

Evaluate your qualifications and business plan for thorough consideration.

3

Finalize the contract, place your initial order, and officially join the XAG global network.

4

Evaluate your qualifications and business plan for thorough consideration.



Ready to Join?

If you are interested in becoming a distributor or dealer, please contact us at: overseas@xa.com

ADVANCING AGRICULTURE

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