

Innovation Agritech Group

Industrials
2 June 2025

Growing smarter next-generation farming

Innovation Agritech Group (IAG) is a UK firm listed on the JP Jenkins share-matching platform. IAG is a technology provider in the global market for vertical farming using its patented modular aeroponic technology. This technology enables high-yield production of specific crops in closed and highly controlled environments, significantly reducing water usage, while producing high-quality goods close to their endpoint of consumption. The company is also collaborating with leading UK universities and research institutions and exploring non-food applications such as pharmaceuticals. IAG is now actively seeking new end-user clients, with regions like the Middle East identified as a key target market.

Why vertical farming?

Growing crops in an aeroponic environment (ie without soil) allows for precise control of nutrient delivery and significantly reduces water consumption, as water and nutrients are directly sprayed onto the plant's roots. By using vertical panels (IAG's GrowFrame technology) and providing tailored lighting using colour-controlled light emitting diodes (LEDs), space is used efficiently and growing conditions can be optimised for each specific crop and its stage of growth. Operating within a fully controlled environment enables year-round production, higher yields and independence from climate or weather-related disruptions. It also removes the need for crop protection chemicals. To date, IAG has focused on optimising conditions for herbs and leafy green vegetables and operates an R&D demonstration site in Bracknell (see [video](#)). This method of agriculture is not reliant on soil, season or location, making it viable anywhere, anytime. This is a critical advantage in a world of population growth and climate change. The ability to grow crops closer to the point of consumption is an important factor given that nearly one-fifth of all food produced globally is lost, according to the [World Food Programme](#).

A technology provider

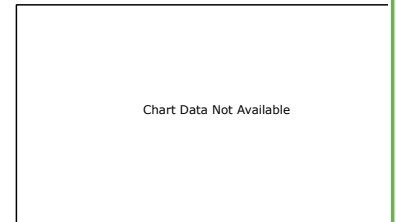
IAG's primary mission is building and selling aeroponic vertical farming technology. The company offers a comprehensive solution featuring patented innovations, including customisable LED lighting recipes and nutrient delivery systems integrated into its racking system, all managed remotely through automated climate control. Its closed-loop water recycling system reduces water usage by up to 98% compared to traditional farming, and the technology supports up to 17 harvest cycles annually (crop dependent), significantly boosting productivity and resource efficiency. IAG's GrowFrame360 technology offers a scalable and modular solution in line with climate goals.

Target markets and geographic opportunities

IAG has focused on research collaborations, but this is evolving. In May 2024, the University of Essex installed IAG's GrowFrame360 technology as part of its £3m new Smart Technology Experimental Plant Suite. IAG has also collaborated with Reading and Royal Holloway universities. For larger-scale commercial licensing opportunities, IAG's technology is particularly suited to environments with excess power, limited arable land and water and a growing desire for high-quality food. Markets like the Middle East are likely to feature in its commercialisation plans.

Price 75.00p
Market cap £75m

Share price performance



Share details

Code	IAGT
Listing	JPJ
Shares in issue	100.0m

Business description

Innovation Agritech Group is a UK business listed on the JP Jenkins share-matching platform. It specialises in aeroponic vertical growing technology.

Bull points

- Technology provides a solution to the increasing need for water conservation and local food production.
- Module design of the technology allows for scalability.
- Significant opportunity and size in its target market (Middle East).

Bear points

- Energy intensive business.
- Capital intensity and scalability risk.
- Potentially slow market adoption.

Analysts

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Year end	Revenue (£m)
1/25e	0.0

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