

It's National Ag Day: here are 4 ASX ag-tech stocks climbing the beanstalk

By [Zoe Gross](#). Nov 21, 2018



With the world's population projected to reach 9.7 billion by 2050, food demand is expected to surge dramatically.

A new generation of middle-class consumers are in the throes of upgrading their diets, including increased consumption of meat (which is grain-intensive).

On top of that, declining arable land and salinity issues, alongside problems with water access and pest and disease problems, present considerable challenges to the modern agricultural community.

Working to solve these kinds of challenges through finely honed tech is the crop of innovators operating in the ag-tech space — one that's seen increased attention over the past year.

Ag-tech essentially refers to digital technologies made specifically for the agricultural industry that look to provide farmers with the tools, data and knowledge to make better informed and timely decisions to improve productivity, sustainability and profitability.

Through the disruptive forces of ag-tech, it is predicted that agriculture will turn into a \$100 billion industry in Australia specifically by 2030, according to [research commissioned last year by tech accelerator StartupAUS](#).

This is also a fertile space for [forward-focused investors](#). The global ag-tech opportunity could reach US\$189 in the next five years, fuelled by US\$1.5 billion in venture capital investment, according to StartupAUS.

More than US\$700 million was invested in ag-tech companies in 2017, on track to beat the previous two years combined according to research firm [CB Insights](#).

With this kind of growth in mind, a cluster of ag-tech companies have emerged over the last year or so, providing solutions for many of the challenges faced by the agricultural community, including food demand, declining arable land and salinity, access to water, and pest and disease issues.

November 21 is [National Agriculture Day](#) — a good occasion as any to both celebrate both the farming community itself (one which has been facing particularly pressing challenges in Australia specifically, given the ongoing drought crisis) and to delve deeper into the thriving ag-tech space.

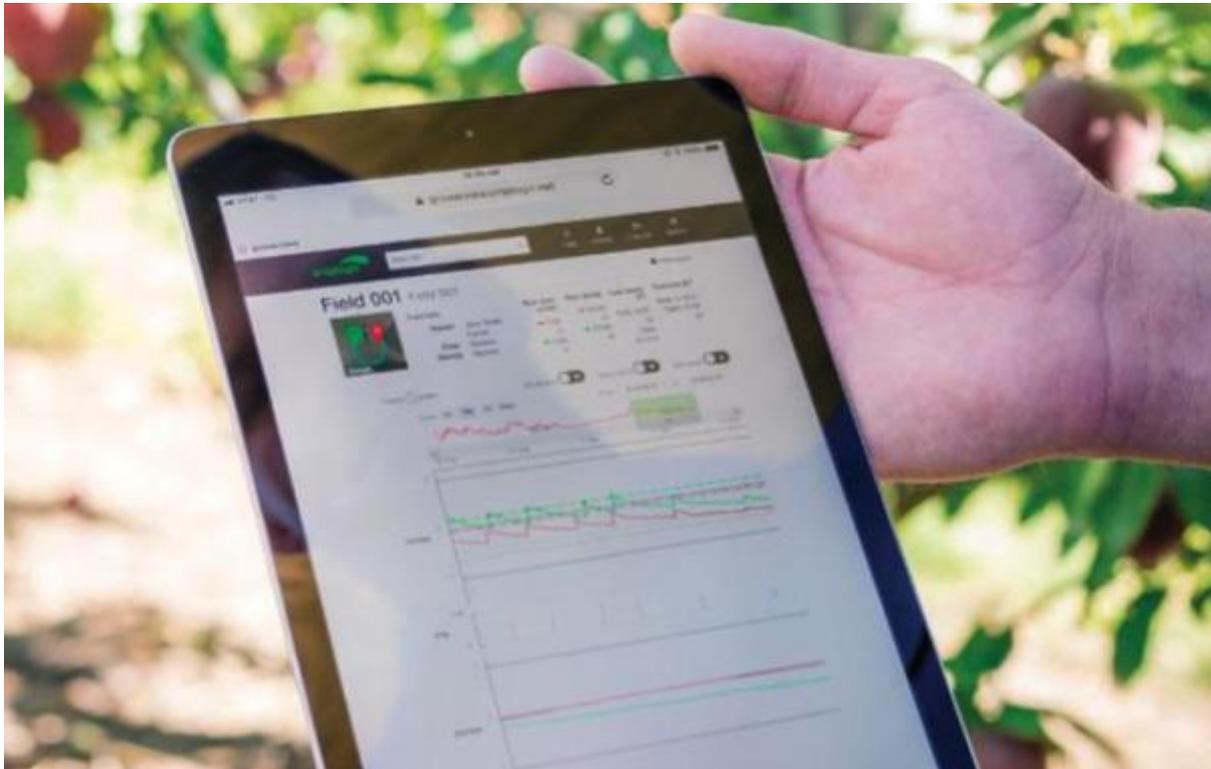
Here are four ASX-listed companies that are planting seeds for ag-tech growth.

3 – CropLogic (ASX:CLI)

Hailing from New Zealand, CropLogic blends science, agronomy and technology, and sells to large-scale irrigated crop growers, with regional offices now established in both Mildura, South Australia, and Idaho, with Oregon to follow.

The \$2.5 million micro-cap aims to help farmers improve crop yields by utilising its proprietary crop model technology with in-field agronomy support teams to provide further advice to growers. It combines 30 years of extensive research and testing with exclusive use of NZIPR crop model technology with in-field agronomy support teams to provide further advice to growers.

CLI's core CropLogic realTime technology is a hardware and software solution, enabling users to combine on-the-ground know-how with actionable in-field information designed to help optimise crops' performance:



Source: CLI

Helping CLI along is a circle of high-impact research and collaboration partners, including Callaghan Innovation, Victoria State Government, College of Southern Idaho, SproutX, and powerhouse.

CLI has also been busy demonstrating its agricultural chops. It received \$1.5 million in revenue in the last quarter — on track for \$2.2 million annually.

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