

**Smarter Application.  
Safer Operations.  
Reduce Costs.**



Ferntech supports farmers, spray contractors, horticulturists, viticulturists, and fertiliser managers with advanced drone-enabled workflows for spraying and spreading.

Our systems deliver precise, efficient, and safe application—eliminating soil compaction and reducing operator exposure. Designed for challenging environments including steep, remote, or sensitive terrain, our solutions help cut time in the field, minimise chemical use, and enhance worker safety.

Powered by proven DJI Agras drone systems, we offer tailored support, on-farm training, and the expertise to meet your operational needs.

## What You Can Achieve with Agriculture Drones:

**Save time and labour with faster, more efficient operations:** Drones cover large areas quickly and follow automated flight paths, reducing time spent in the field. This boosts productivity and lowers labour costs.

**Healthier crops and better soil management:** With no soil compaction or damage from heavy machinery, plant roots and soil ecosystems remain undisturbed, supporting long-term crop health.

**Lower input costs through precision:** Drones can achieve centimetre-level accuracy, ensuring fertiliser, seed, and pesticide are applied exactly where needed.

This high level of precision reduces waste, lowers input costs, and improves overall application efficiency.

**Access to hard-to-reach or sensitive areas:** Whether it's steep hillsides or wet paddocks, drones can operate where ground machinery can't. This gives you full field coverage without compromise.

**More sustainable, lower-impact farming:** By applying only what's needed, exactly where it's needed, these electric-powered drones reduce chemical runoff, carbon emissions, and overall environmental impact—supporting a smarter, more sustainable approach to agriculture.



## Our Agriculture Solutions Help You Solve:

- ▶ Inefficient application methods that waste time and resources
- ▶ Excessive chemical or fertiliser use due to lack of targeting
- ▶ Soil compaction from heavy ground-based equipment
- ▶ Difficulty accessing steep, wet, or sensitive terrain
- ▶ Operator exposure to harmful chemicals during application

## Why Agricultural Teams Choose Ferntech:

- ▶ **Expert Advice & Ongoing Support:** Work with a team that understands agricultural operations and provides practical, drone-based solutions to improve productivity and efficiency on the farm.
- ▶ **Certified Local Servicing & Repairs:** Rely on New Zealand's most experienced certified DJI repair centre for fast, trusted servicing and technical support when you need it most. Ferntech have been selling and supporting spray drones since 2016.
- ▶ **Training & Certified Maintenance Support:** We provide hands-on operational training along with CAA-certified maintenance training, giving you the skills and approval needed to confidently maintain and service your own aircraft.
- ▶ **Parts & Accessories Readily Available:** As the official DJI Agriculture distributor in New Zealand, we stock the country's largest range of parts and accessories—ensuring fast, local access to everything you need to keep your drone in the air.
- ▶ **Regulatory Compliance Support:** Ferntech offers expert support to help you get operational quickly and in full compliance with aviation regulations. We partner with leading CAA Part 141 training providers across New Zealand to ensure you receive the most effective pathway to obtaining operational approval.

*“DJI provide the ultimate solutions to Agricultural UAV's. We combine a DJI mapping drone with DJI Terra for data processing which easily integrates into the DJI Agras aircraft for seamless spraying and spreading operations. The DJI hardware and software ecosystem is just awesome.”*

— Vaughan Ward, Contract Sprayer - Canterbury