



chemical free weed treatment.





Growing changes.

increased regulation



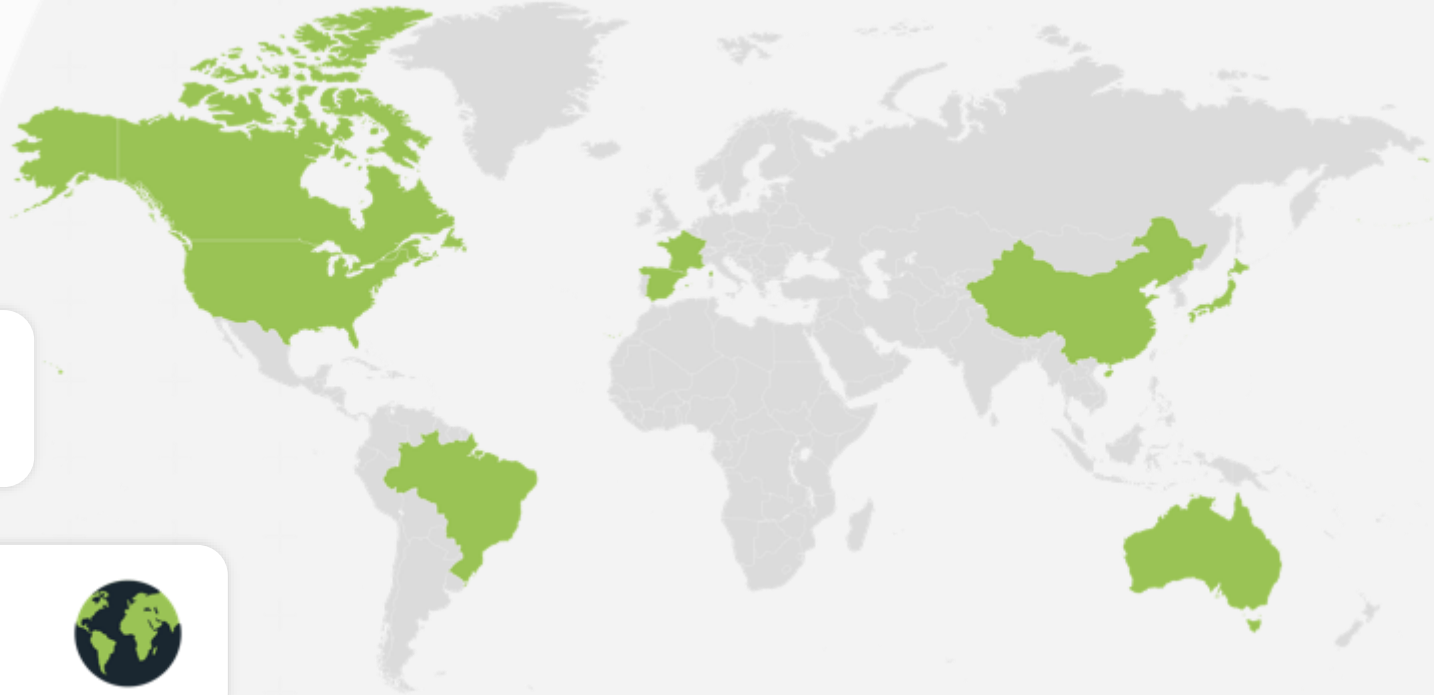
herbicide resistant weeds – US\$2b.




sustainable food is in high demand – 38% YoY



Roundup – US\$5b to Bayer



 severe herbicide resistance



1. efficient microwave heating.
2. penetrates.
3. precision agriculture.

weed seedbank.



pathogen control.





transformative.



Weeding is reactionary

- Preventative control



Growave is instant

- No withholding
- Weather agnostic



Revenue drivers

- Increased yield
- Less field passes
- Reduced safety cost





Field trials



Crop Segment	Proof of concept	Demonstrated in Field	Commercial scale/Revenue
Pathogen Control			
Strawberry	✓	✓	2022 (AUS & CA)
Cotton	✓	OCT '21	OCT '22
Pre-emergent			
Leafy greens	✓	DEC '21	2022
Organic vegetables	2022	2022	2023
Herbicide resistant weeds			
Nutgrass (Wine & veg)	✓	✓	2022
Ryegrass (wheat)	✓	JAN '22	2022



Nut grass field results

- Small proof of concept trial
- Full bed treatment 2021

Before.



1 week.



3 weeks.





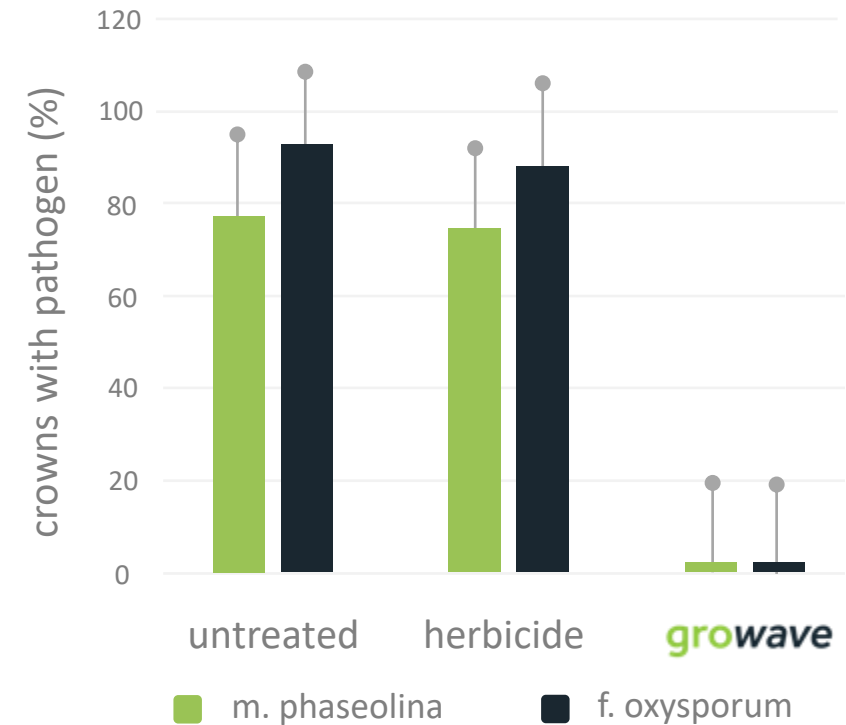
strawberry field results



Results so far.

- 3,200 plants tested
- Yield benefit – Early 2022

pathogen prevalence in strawberry crowns:



published by:



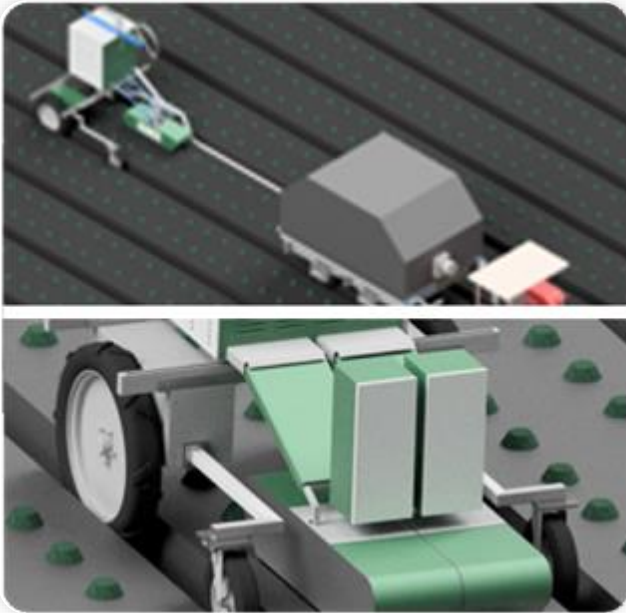


product roadmap.



alpha.

technology validation and efficacy -
australia

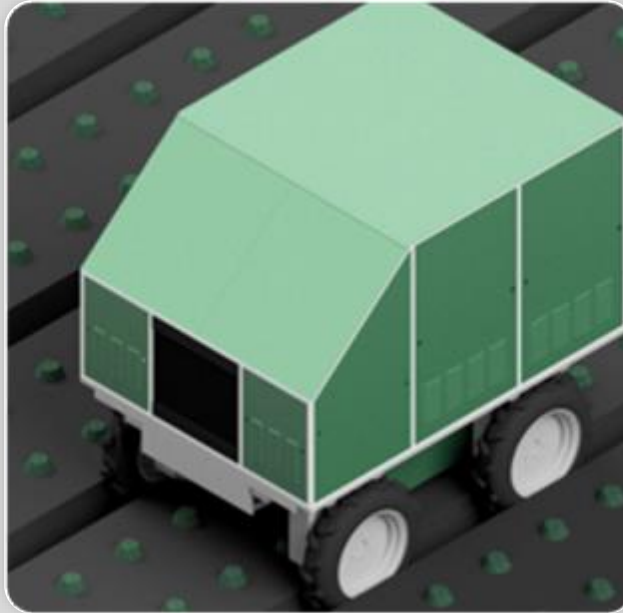


built



beta.

scaling technology
demonstrate commercial operation

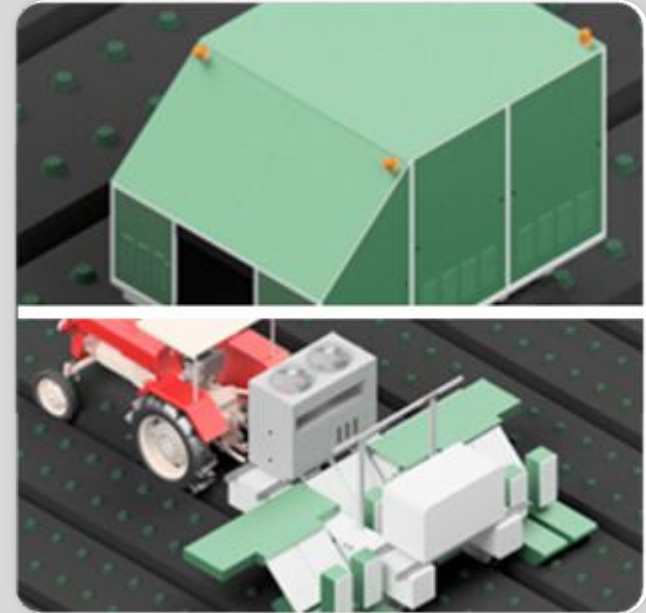


Built with investment
complete Q2 2022



commercial unit.

early revenue
bolt on technology- Autonomous or tractor



Designed with investment
Launch 2023



service



product



Future field trials.



Lower dose = faster treatment

- Reduce time per plant
- Test efficacy on various speeds
- Targeted application:
 - Centre of row
 - Strip tillage integration



Commercial scale trial 2022

- Beta unit:
 - 1x full row
 - Treat 1Ha+
- Various weather conditions
- Looking for trial partners



Grower input



Questions:

- Largest pain point in weed control?
- Main problem weeds?
- Pathogens a growing concern?
- Importance of removing fumigants and chemicals?



Industry questions

- Core farms to test on.
- Dual purpose - pre-plant and inter-row?
- Diesel cost.



Commercial model

- Prefer service or direct sale of equipment?
- Safety or regulation concerns?
- Behind a tractor or platform?



Feedback welcome:

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