



BioScout

Automated Airborne Disease Tracking

Lewis Collins

CEO

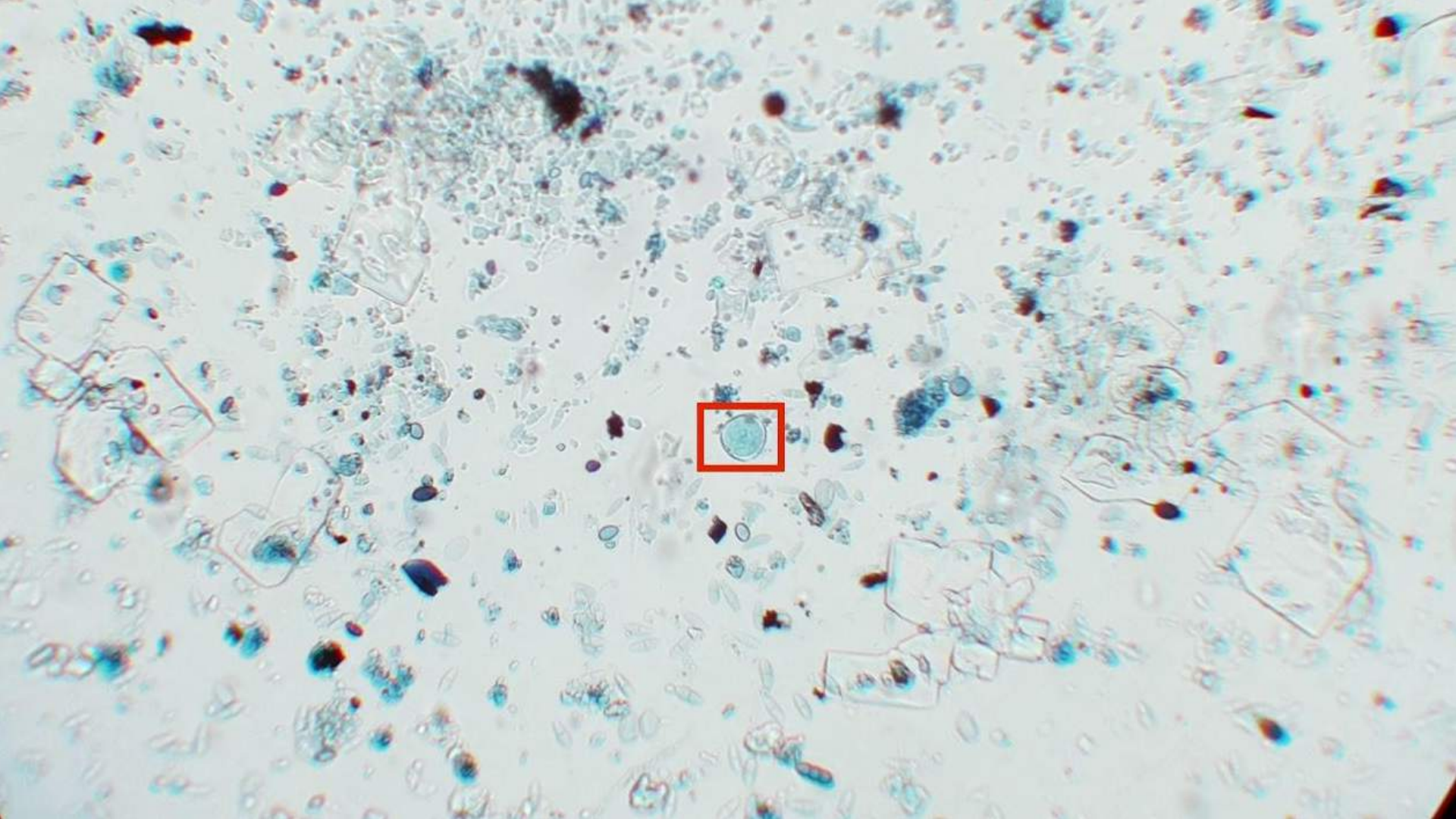
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BIOSCOUT IS ON A MISSION TO...

Provide biological safety and security for the health of humans, plants and animals anywhere, anytime.





\$2.5bn

spent on preventative products

\$2.4bn

produce lost every year

LEADING DRIVERS OF DISEASE COSTS

No Real-time
Disease
Detection

INEFFECTIVE
CONTROL

Calendar &
Blanket
Sprays

HIGH COST OF
CHEMICALS

No Control
Feedback

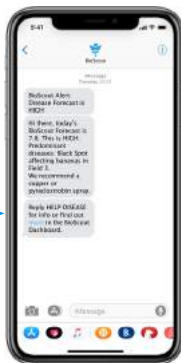
DISEASE
RESISTANCE
TO SPRAYS

SOLUTION

A patented platform that uses data collected from sensors to proactively alert users of the location and species of disease infestations.



Field Sensor
(1 device per 20-100ha)

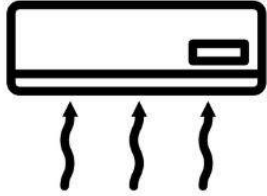


Text alerts
Real-time notification
of crop infection



Analytics Dashboard
Disease mapping and
species tracking

HOW IT WORKS



Air Sampling



**Detection
and
Identification**



Disease Mapping

BENEFITS FOR GROWERS



Early detection
2 weeks pre-infestation



4X ROI
In 3 months

FOUNDING TEAM



Lewis Collins

CEO

PhD(c)
Agricultural Robotics @
USyd



Josh Wilson

CTO

Full Stack Dev
Machine Learning
@ Accenture



Saron Berhane

COO

Biomedical Engineer
Microbiologist
Synbio Research
@ Synedgen Inc.



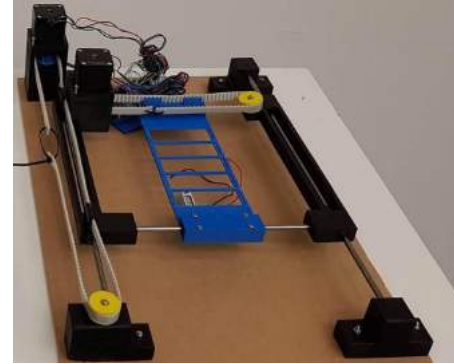
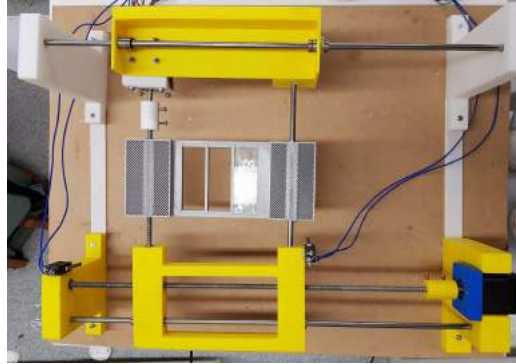
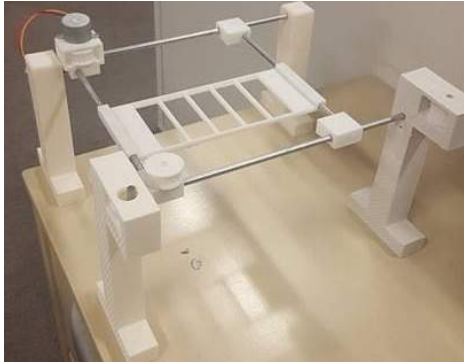
Henry Brindle

VP Eng

Mechanical Engineer
Rapid Manufacturing and
Hardware



FROM THIS...



...TO THIS



GO-TO-MARKET



Farm Co-ops,
Agronomists



Australian Government
Department of Agriculture
and Water Resources

SARDI



SOUTH AUSTRALIAN
RESEARCH AND
DEVELOPMENT
INSTITUTE



GRDC
GRAINS RESEARCH
& DEVELOPMENT
CORPORATION

Research Bodies
& Government

HOWE FARMING

Farms (Broadacre
& Horticulture)



USERS PAY A SIMPLE MONTHLY SUBSCRIPTION...



Sampling & Analytics

Device + Dashboard + Alerts
\$A450/device/month

...AND SAVE ON YIELD QUALITY AND CHEMICAL USAGE

Average savings per month
\$A7300/device

Maximising

yield quality & quantity by
lowering impact of disease

Minimising

preventive fungicide sprays

MARKET OPPORTUNITY (ARR)

\$A335M

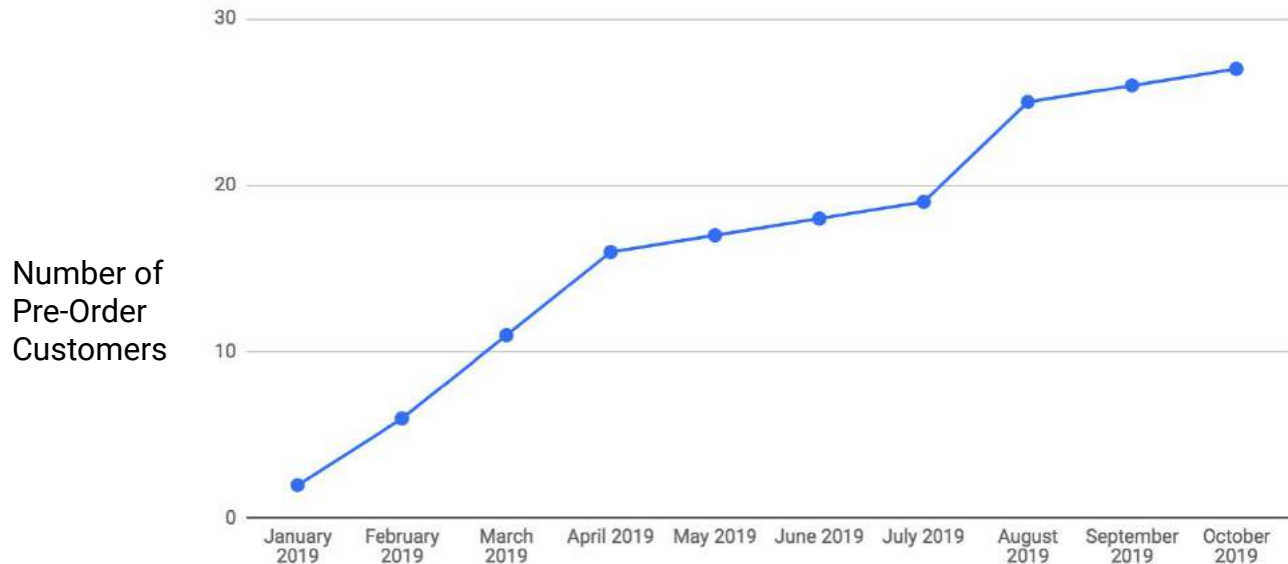
Horticulture Farms in AUS

\$A9.1B

Horticulture Farms in USA

*Globally, these figures are much larger due to higher incidences of disease across borders

MARKET TRACTION



\$A72K revenue

\$A392K pre-booked
pilot revenue

\$A1.7M projected
ARR

PRODUCT TRACTION

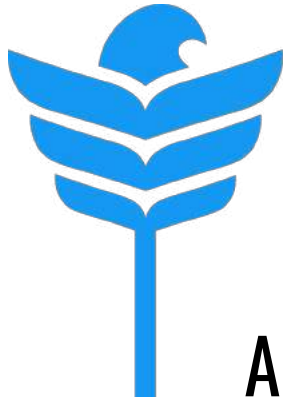


Scanning **10K+**
spores daily

PCT patent filed

12 sensors deployed
across **5** crop types

Tracking **14** fungal
species



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