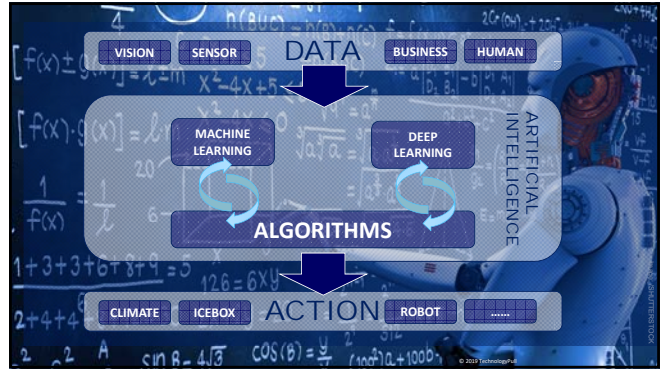


ARTIFICIAL INTELLIGENCE - TRADITIONAL
 The theory and development of computer systems able to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages.
English Oxford Living Dictionary

ARTIFICIAL INTELLIGENCE - TODAY
 1. A branch of computer science dealing with the simulation of intelligent behavior in computers.
 2. The capability of a machine to imitate intelligent human behavior.
Merriam-Webster

FOR ME DECISIONS BASED ON DATA & MODELS ...



HUMAN DECISION; SET TEMP

Location	Temp	RV
1	20	70%
2	21	60%
3	19	20%
Outdoor	17	80%

AI DECISION; SET XXX

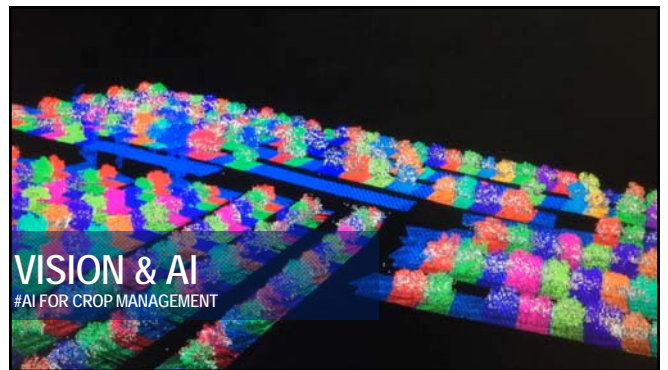
Location	Temp	RV	RV diff
1a	20	70%	78%
1b	21	60%	34%
1c	19	20%	44%
1d	20	70%	78%
2a	21	60%	34%
2b	19	20%	44%
2c	20	70%	78%
2d	21	60%	34%
3a	19	20%	44%
3b	20	70%	78%
3c	21	60%	34%
3d	19	20%	44%
4a	20	70%	78%
4b	21	60%	34%
4c	19	20%	44%
4d	20	70%	78%
5	21	60%	34%
3	19	20%	44%
Outdoor 2000	17	80%	7 m/s/10%
Outdoor 1500h	19	20%	7 m/s/10%
Outdoor 1500n	21	60%	1.0 m/s/10%
Outdoor 1900n	20	97%	1.0 m/s/10%
Outdoor 2300n	18	90%	1.4 m/s/10%
Outdoor 2000	9	80%	1.8 m/s/10%

1997 - CHESS 2016 - GO 2018 - GROWER

EXAMPLES IN FRESH PRODUCE







THE UNIVERSITY OF SYDNEY

ACFR
AUSTRALIAN CENTRE FOR FIELD ROBOTICS

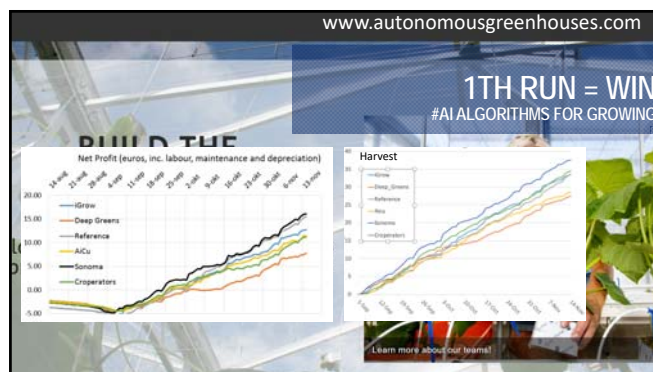
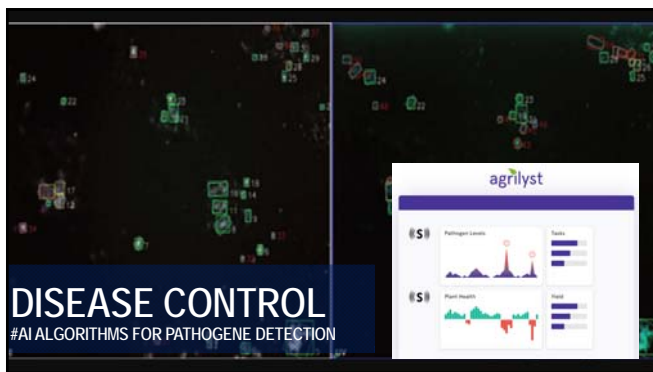
Horticulture Innovation Australia

RIPPA Demonstrating Autonomous Crop Interaction

ACFR Ag Robotics Team

CROPPROTECTION INTELLIGENCE

Image: Shutterstock



NEXT?
#AI ALGORITHMS FOR GROWING

"We're literally trying to create things like diabetes basil or heart disease basil or degenerative brain disease basil!" Caleb Harper

It's not a far leap to think about the day when it's not just diabetes basil, but the Smith family's diabetes basil. Caleb Harper

open agriculture
DIGITAL TRANSFORMATION IN FRESH PRODUCE

LABOUR INTELLIGENCE

image: Shutterstock

100% ON SIZE
100% ON TASTE
SORT & PACK

OCTINION
Engineering the future

DIGITAL LABOUR
#AI NEEDED FOR ROBOTS IN CROPS

DIGITAL TRANSFORMATION IN FRESH PRODUCE

>>>> **IMPACT**

DIGITAL LABOUR
#AI NEEDED FOR ROBOTS IN CROPS

DIGITAL TRANSFORMATION IN FRESH PRODUCE

SORT & PACK INTELLIGENCE

image: Shutterstock

CAMERA DRIVEN SORT
#AI ALGORITHMS QUALITY

