



TAKING THE GUESSWORK
out of growing





About Us

The Yield is an Australian-grown AgTech company on a mission to transform food and farming with sustainable digital technology.

Donna Forlin, General
Manager – Product



Our Solutions



Sensing+
For Agriculture

October 2017

Sensing+
For Aquaculture

In market

The Yield
Free Growers' App

In market



On-farm *ecosystem*



FARM GATEWAY



MICROSOFT PLATFORM



Sense



Analyse



Predict



Inform



SENSOR DATA

SENSING+ APP



- SOIL TEMPERATURE
- AIR PRESSURE
- WIND SPEED AND DIRECTION
- SOIL MOISTURE
- LEAF AND BERRY WETNESS
- RELATIVE HUMIDITY
- SOIL ELECTRICAL CONDUCTIVITY
- ETO
- TOTAL SOLAR RADIATION (PYR)
- DELTA-T
- PHOTOSYNTHETIC ACTIVE RADIATION (PAR)
- AIR TEMPERATURE



Predictions – Today & the next 7 days



Temperature



Rainfall



Wind Speed



Wind
Direction



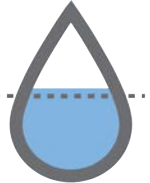
Relative
Humidity



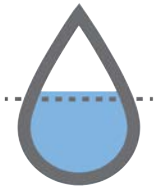
ETc / ETp



Predictions to Insights



Predictions to Insights



Automating Insights - *Sneak Preview*



Carrier 9:41 AM 42%

NOTIFICATIONS

PAST 7 DAYS YESTERDAY **TODAY**

Delta T 1.5 Wind Speed 22.5 km/h	Adverse Spray Conditions Weather Station Tues 17 Jan. 18:06
Wind Speed 16.1 km/hr	Wind Speed > 15 km/hr Pivot Paddock Tues 17 Jan. 18:06
Wind Direction NNE Wind Speed 22.5 km/hr	Wind Speed/Direction Pea Paddock Tues 17 Jan. 18:06

Home **Notifications** Fields Activities Conditions

+61438690592 7:01 pm

SMS/MMS

Saturday, 24 June 2017

Hi kelly.ostwald@theyield.com,
Details: Wind Speed is [15.190687](#)
alert was triggered @ 18:45:00 PM 24-Jun-2017 by Chardonnay Block 7:01 pm

Enter message SEND





Irrigation

- *Sensing+* needs to know when and how much you irrigate, to generate water surplus/deficit reading
- Add irrigation by amount or time and *Sensing+* calculates water balance for you

Spray

- Upload spray inventory, *Sensing+* calculates amount
- Add spray start and finish time and *Sensing+* will record what conditions were during spray





Co-designed *with growers*

Sensing+ is the product of extensive research and testing, completed side-by-side with growers from different crops. This approach is integral to our philosophy, which is to solve real problems for growers using technology, and has been vital in helping us develop a product that complements the way growers work.

Download The Yield's *FREE* Grower's App

The Yield Free Grower's App shows public weather data from a grower's perspective.

It provides all the growing conditions you need, from water balance and rainfall to temperature, humidity and wind behaviour, making it a handy irrigation planning tool.

Quickly see at a glance:

- TODAY'S evapotranspiration (water balance), rainfall and water balance on one screen
- TODAY'S temperature, wind speed and direction, and relative humidity
- PAST 7 DAYS' evapotranspiration, rainfall and water balance
- NEXT 7 DAYS' evapotranspiration, rainfall and water balance

Available in the App Store or Google Play.



www.theyield.com/products/freegrowersapp





Thank You

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info@theyield.com

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