Take Control with your Irrigation Management Through Automation
HydroTech Monitoring Pty Ltd

Water……your future profit

Monitoring many diverse crops

Potatoes
Peanuts
Pumpkins
Watermelons
Maize
Sorghum

Sugar Cane
Bananas
Mangoes
Lemons
Limes
Paw Paws

Avocado
Coffee
Lychee
Basil
Rockmelons
Custard Apple

Irrigation Agronomy ~ Sales ~ Service ~ Installation
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Working with all irrigation systems

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The Water Balance Cycle

- Rain
- Evaporation
- Transpiration
- Evapo-transpiration
- Runoff
- Irrigation
- Active Root Zone
- Below Active Root Zone
- Water Storage
- Soil Nutrients
- pH
- Drainage
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Monitoring & Controlling

- Improve quality & yields
- Increase your “Return on Investment”
- Maximise energy savings
- Reduce labour & improve time management
- Minimise input losses of fertilizer & pesticides
- Apply correct amount of water to improve crops performance
- Document successful irrigation & fertigation strategies
- Establish a sustainable & profitable production program

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Controlling pump & variable drives, we can create seasonal and yearly benchmarks that can improve energy and water efficiency.
8-valve output
Active Profile Monitoring

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Irrigation Agronomy ~ Sales ~ Service ~ Installation
Converting raw data into practical operation

Bar line showing irrigation run time
Monitoring soil moisture and automating irrigation systems means not a drop of water or single watt of energy more than necessary is used.

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Probes monitor soil moisture, soil temperature and EC.
Increase yield with the right energy used
Significant energy and water savings and reduced environmental impacts achieved in commercial applications.
Mobile technology allows the irrigator to monitor & control from anywhere in real-time.

Radio field controller

Radio link over 12km

Computer communicates to radio and pumps
Fertigate Soluble or Liquids at Low Cost and Energy Required

Control fert viewer mobile

Wifi connection
Controlling Valves, Filter and Read Pressure Remotely

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Diesel Dog Controlling Diesel Pumps on Site or Remotely by PC or Mobile Phone

Diesel Dog variable controller for diesel pump

Wifi connection

Touch screen operation

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Programs and grants do exist to provide assistance to increase efficiency.

For more information visit www.australiangovernmentgrants.org
Irrigation management can have the most impact on crop yields, quality and energy use.

Good irrigation practise is about understanding precisely how much water and nutrients the plant requires and how to maximise energy efficiency for individual profit targets.

Automation irrigation doesn’t just turn systems on and off it allows the Irrigators to monitor and control change where needed.