



# HydroTech Monitoring Pty Ltd

*Water.....your future profit*

**Take Control with  
your Irrigation  
Management  
Through Automation**



**Irrigation Agronomy ~ Sales ~ Service ~ Installation**



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## Monitoring many diverse crops

*Potatoes*

*Peanuts*

*Pumpkins*

*Watermelons*

*Maize*

*Sorghum*

*Sugar Cane*

*Bananas*

*Mangoes*

*Lemons*

*Limes*

*Paw Paws*

*Avocado*

*Coffee*

*Lychee*

*Basil*

*Rockmelons*

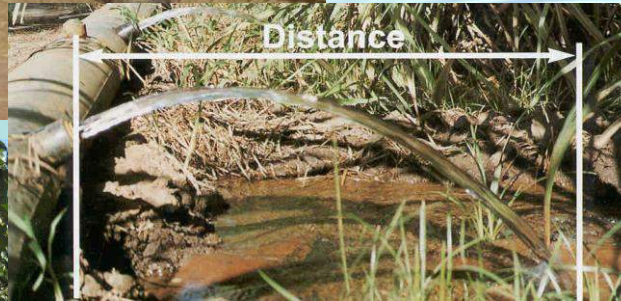
*Custard Apple*



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## Working with all irrigation systems

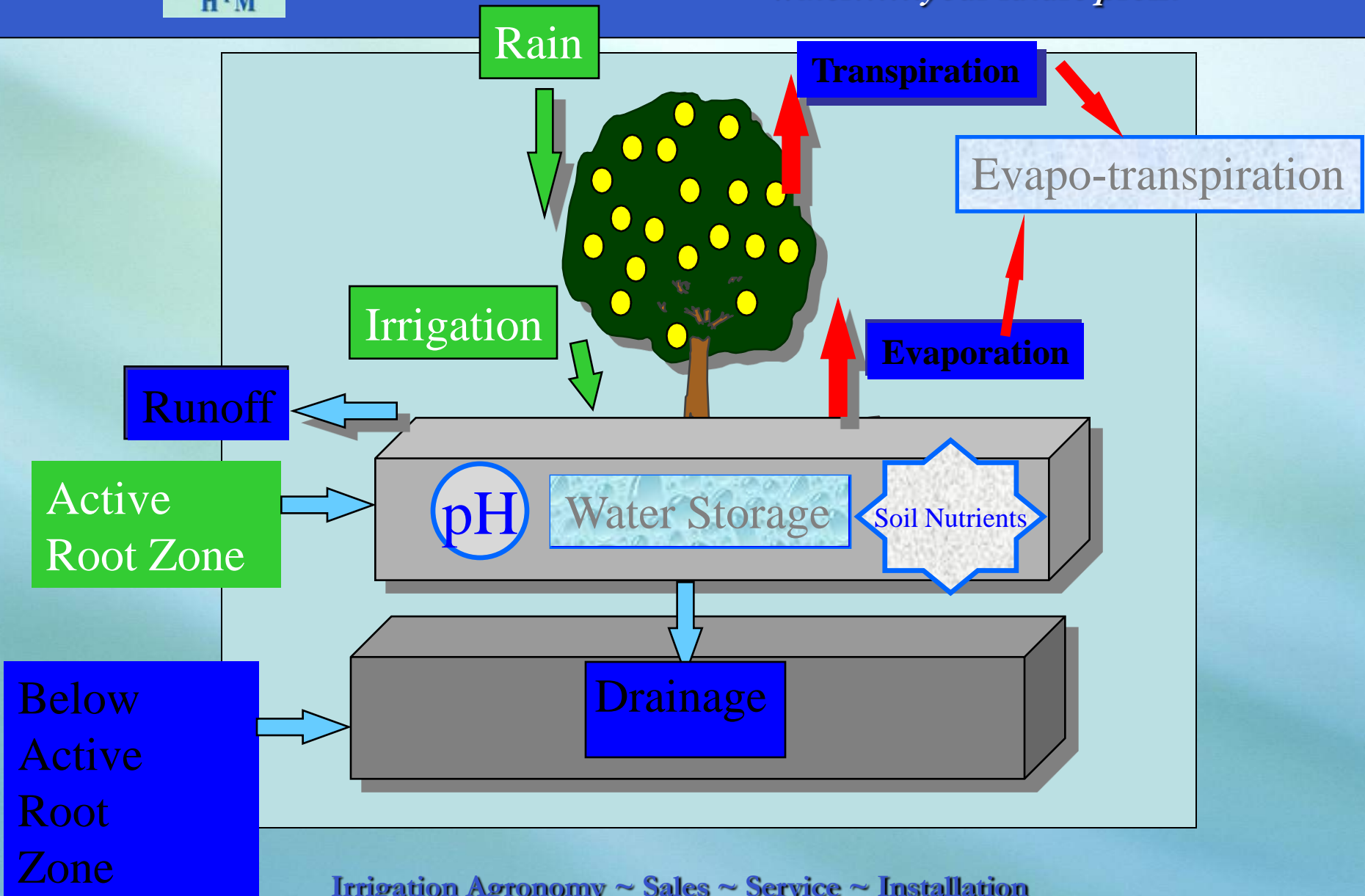


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## Monitoring & Controlling

- 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.**



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## 8-valve output



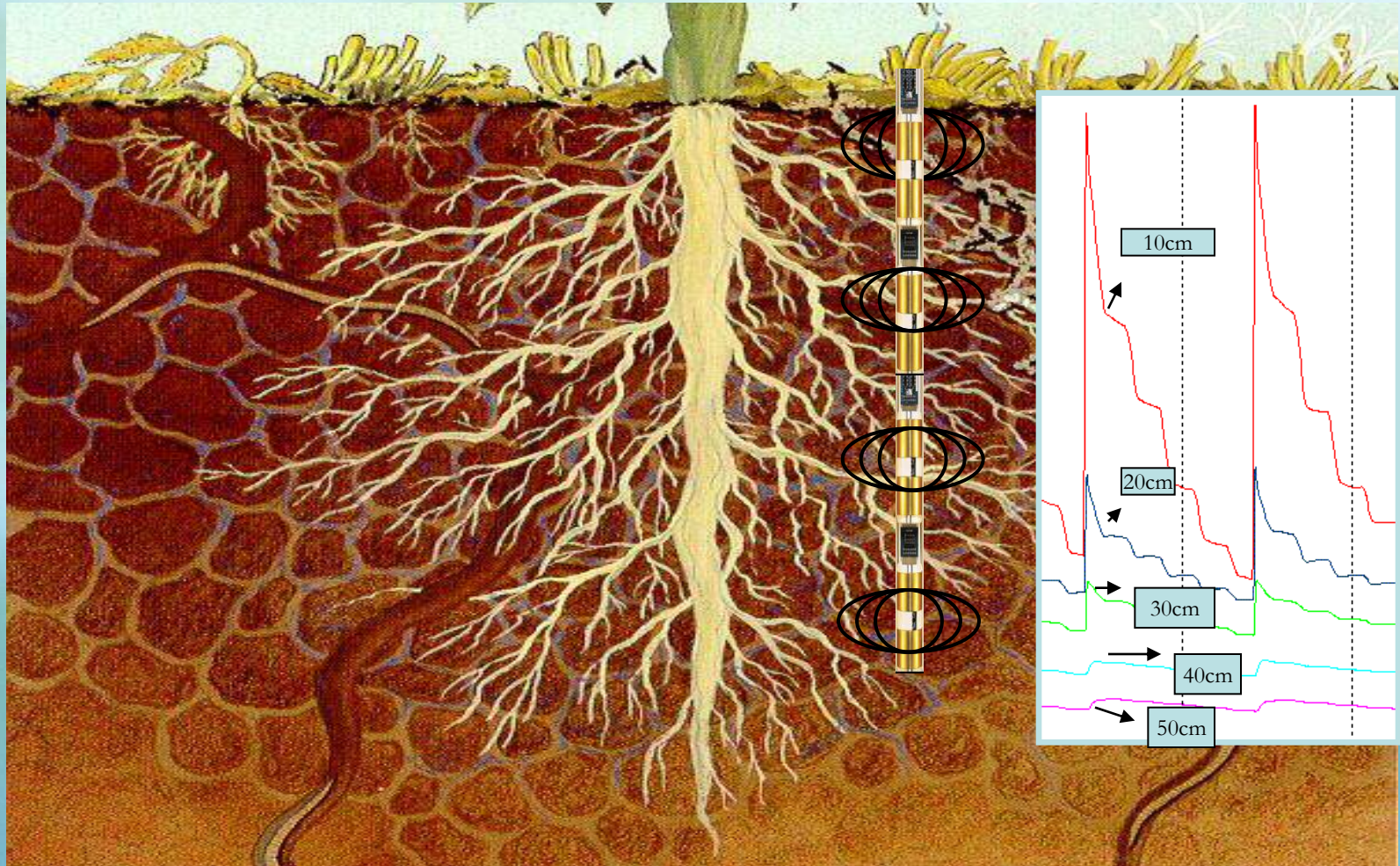
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## Active Profile Monitoring



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## Converting raw data into practical operation



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**Monitoring soil moisture and automating irrigation systems means not a drop of water or single watt of energy more than necessary is used.**

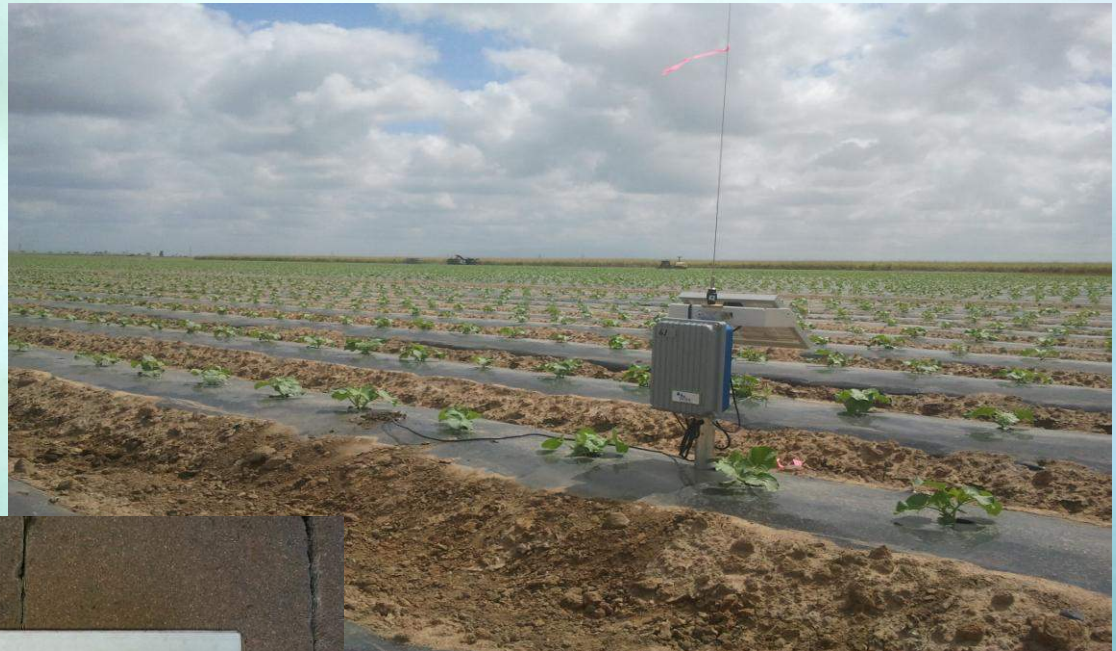
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Probes monitor  
soil moisture, soil  
temperature and  
EC



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**Increase yield with  
the right energy  
used**



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**Significant energy and water savings and reduced environmental impacts achieved in commercial applications.**

**Proven, reliable product**



*delivering*

**High quality, easy to understand information**



*leading to*

**Knowledge, understanding and better management practices**



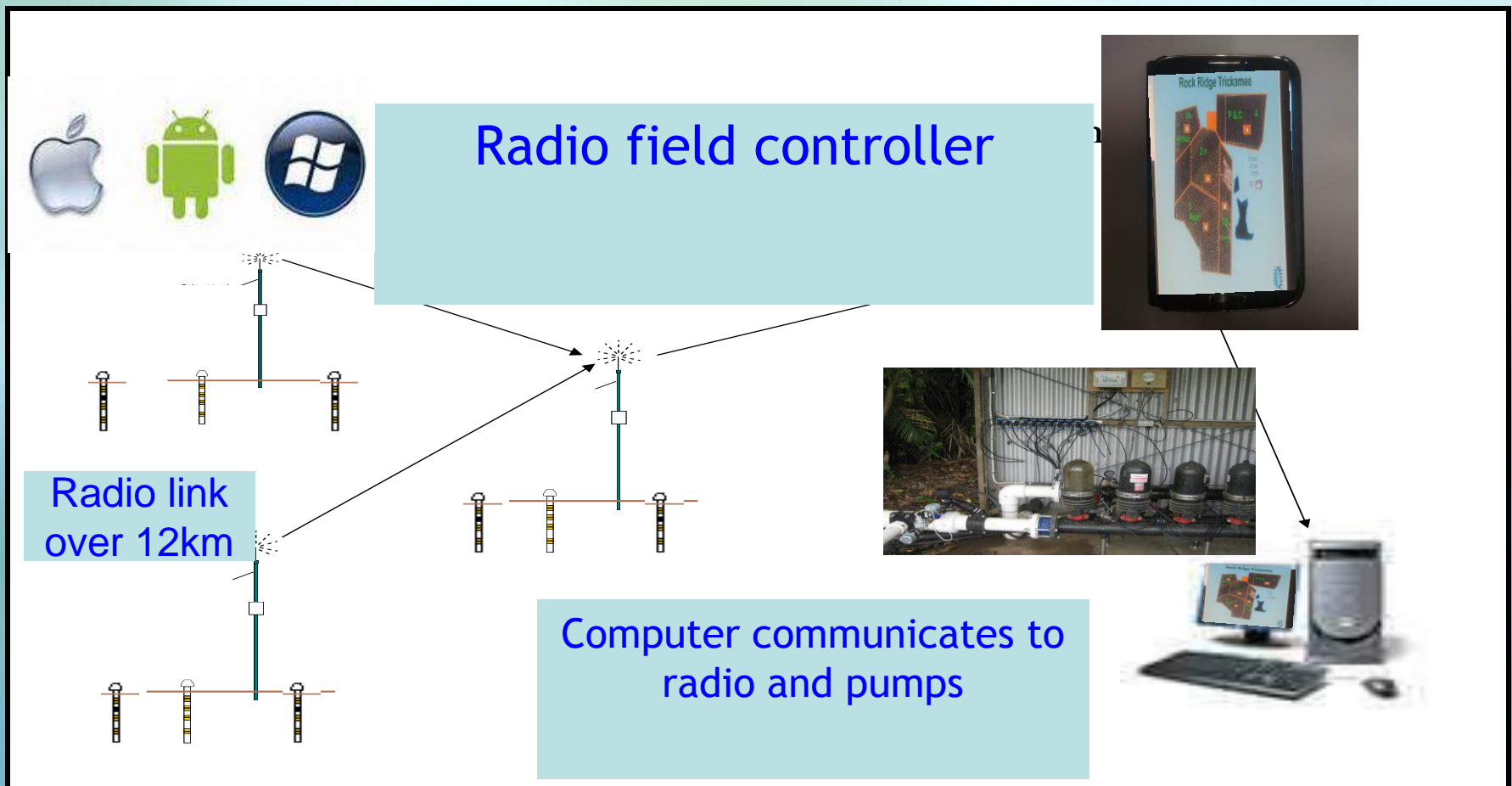
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**Mobile technology allows the irrigator to monitor & control from anywhere in real-time**



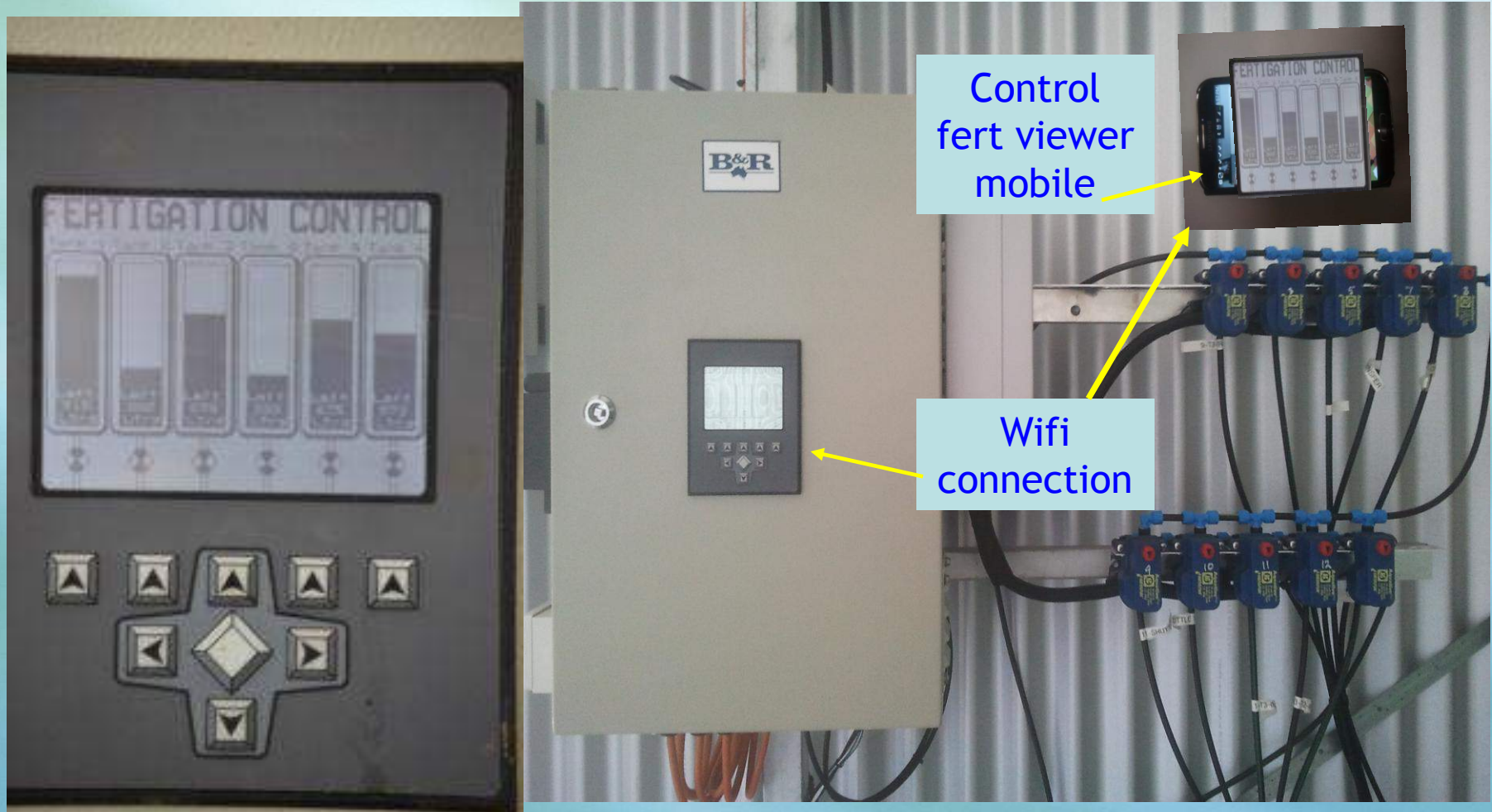
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## **Fertigate Soluble or Liquids at Low Cost and Energy Required**



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Controlling Valves,  
Filter and Read  
Pressure Remotely



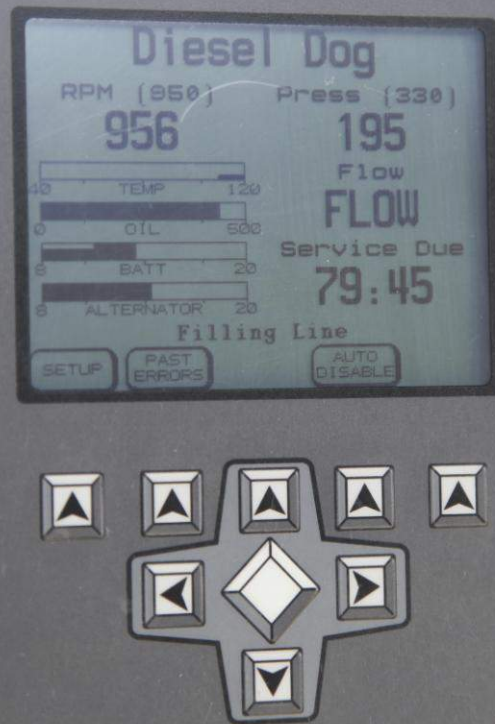
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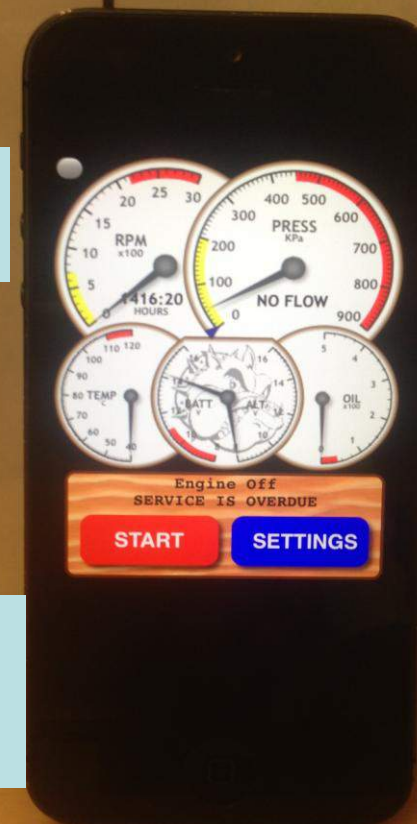
## Diesel Dog Controlling Diesel Pumps on Site or Remotely by PC or Mobile Phone



Diesel Dog  
variable  
controller  
for diesel  
pump

Wifi  
connection

Touch  
screen  
operation

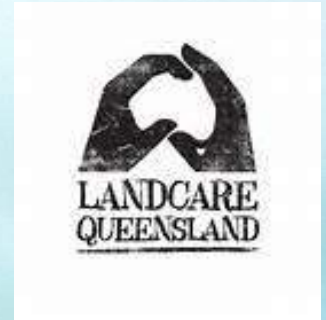




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**Programs and grants do exist to provide assistance to increase efficiency.**



**For more information visit [www.australiangovernmentgrants.org](http://www.australiangovernmentgrants.org)**

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## Take Home Message

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.