

SUSTAINABLE IRRIGATION PRACTICE

IPPS , March 2017

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WHAT IS SUSTAINABLE IRRIGATION


25 YEARS
GROWING MORE WITH LESS

 **NETAFIM™**

SUSTAINABLE




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GROWING MORE WITH LESS



■ Sustainable Irrigation

- An irrigation system is a long term investment
- How does irrigation/water affect your business success?
- Is the current approach efficient?
- Is it time to adjust or reconsider?
- System efficiency
- Product selection



■ Smart Thinking

- Irrigate more with same amount of water?
- Effective Irrigation Systems
- Low Flow Systems (Drip & Micro)
- Automation



■ Smart Thinking

- Water meter
- Flow restrictions
- Fix water leaks



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SELECTION & DESIGN

- Right Product
- Products are developed to work for a specific application

- Achieve sufficient water distribution




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SYSTEM UNIFORMITY




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SYSTEM UNIFORMITY



- Spacing
- Height above crop
- pressure

- Problem Solved:
Designed was changed




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SYSTEM UNIFORMITY




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PRODUCT

Performance Data

Application	Cooling / Humidifying	Rooting
Spacing (m x m)	1.0 m x 2.0 m 3.2 m x 2.4 m 3.0 m x 3.0 m	1.00 m x 1.00 m 1.25 m x 1.25 m
Height above crop	≥ 1.8 m *	0.9 m to 1.1 m



- The same product that serve for cooling can also be used for rooting.
- The Difference: Spacing & height above crop

PRODUCT



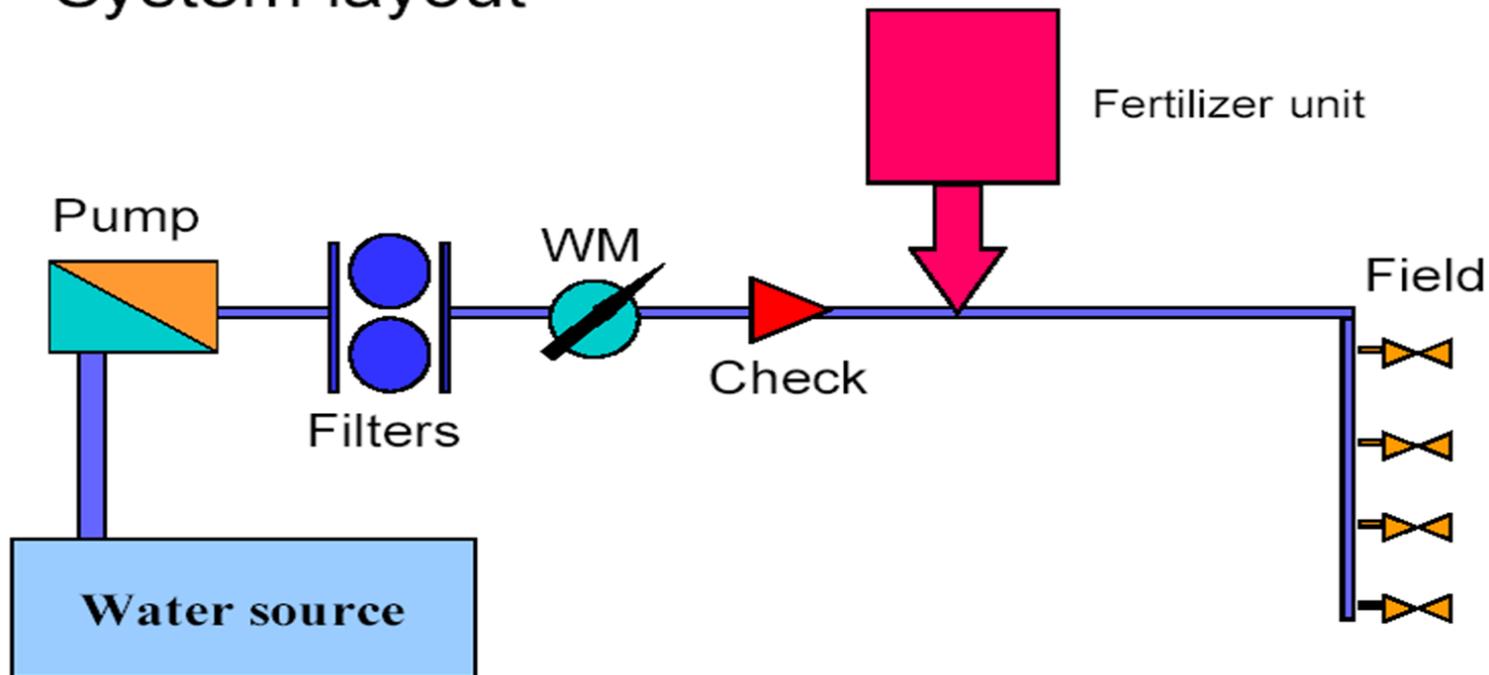

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Smart Thinking

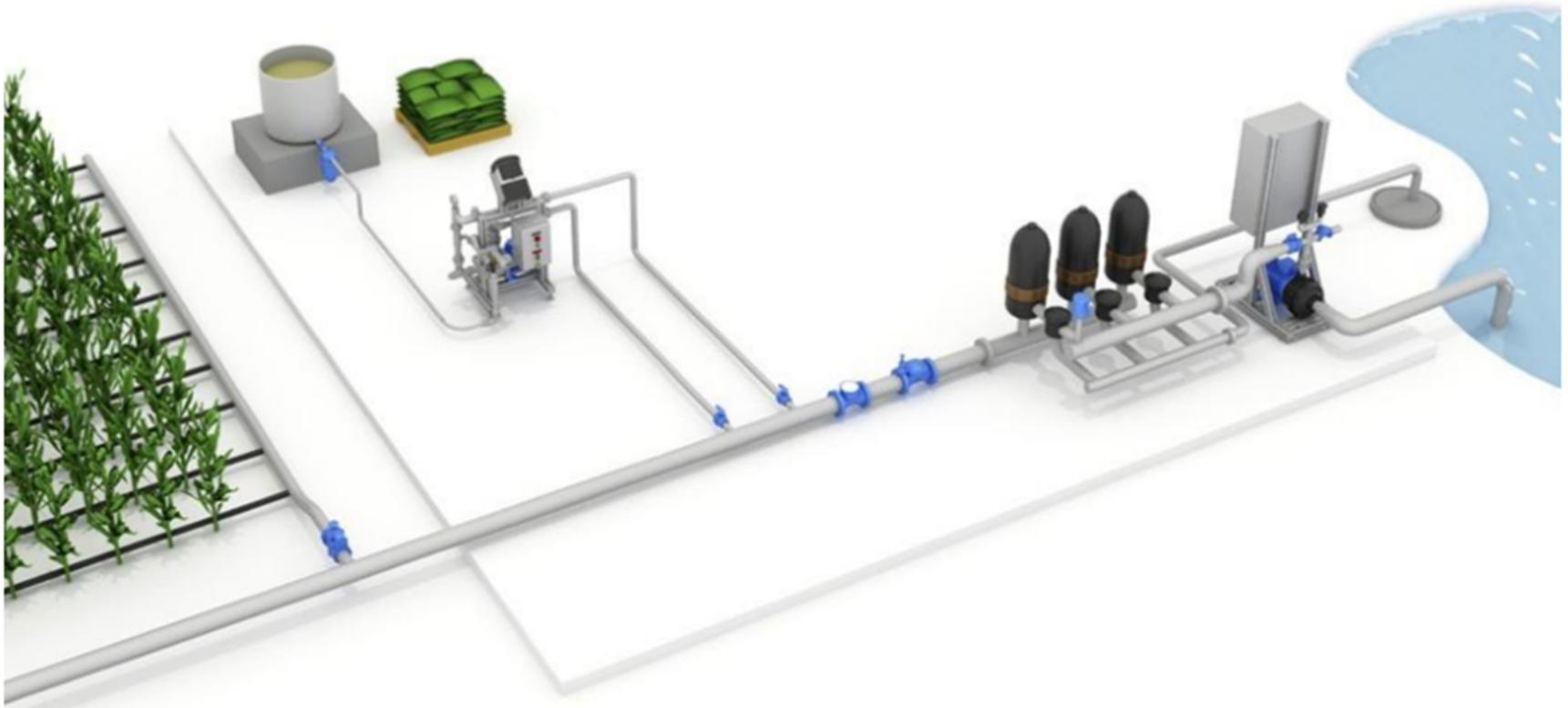
Automation

System layout



Smart Thinking

TYPICAL INSTALLATION



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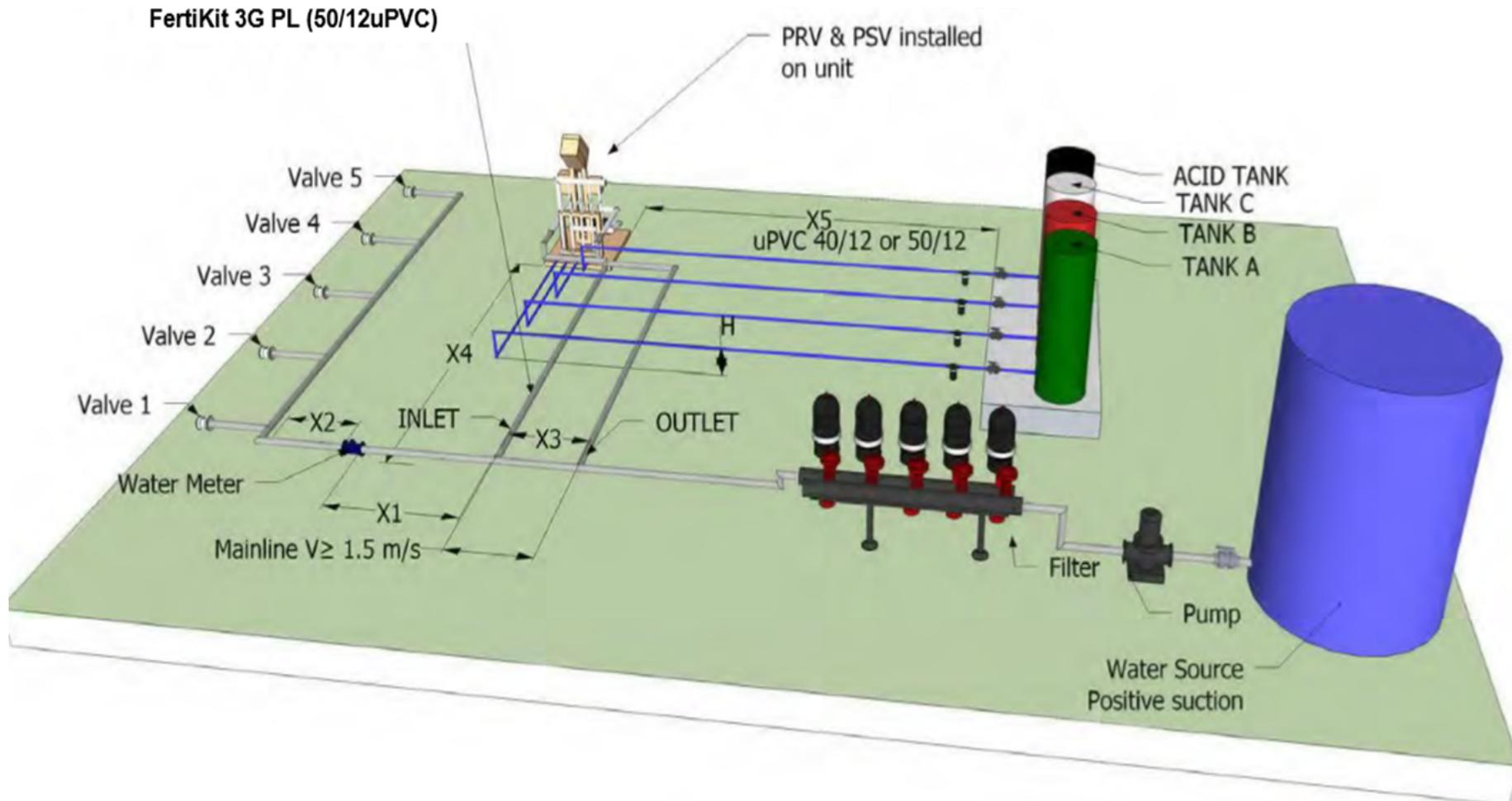
- **Smart Thinking**
 - Water Management



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Smart Thinking



- **Smart Thinking**
 - Irrigation/Fertiliser History



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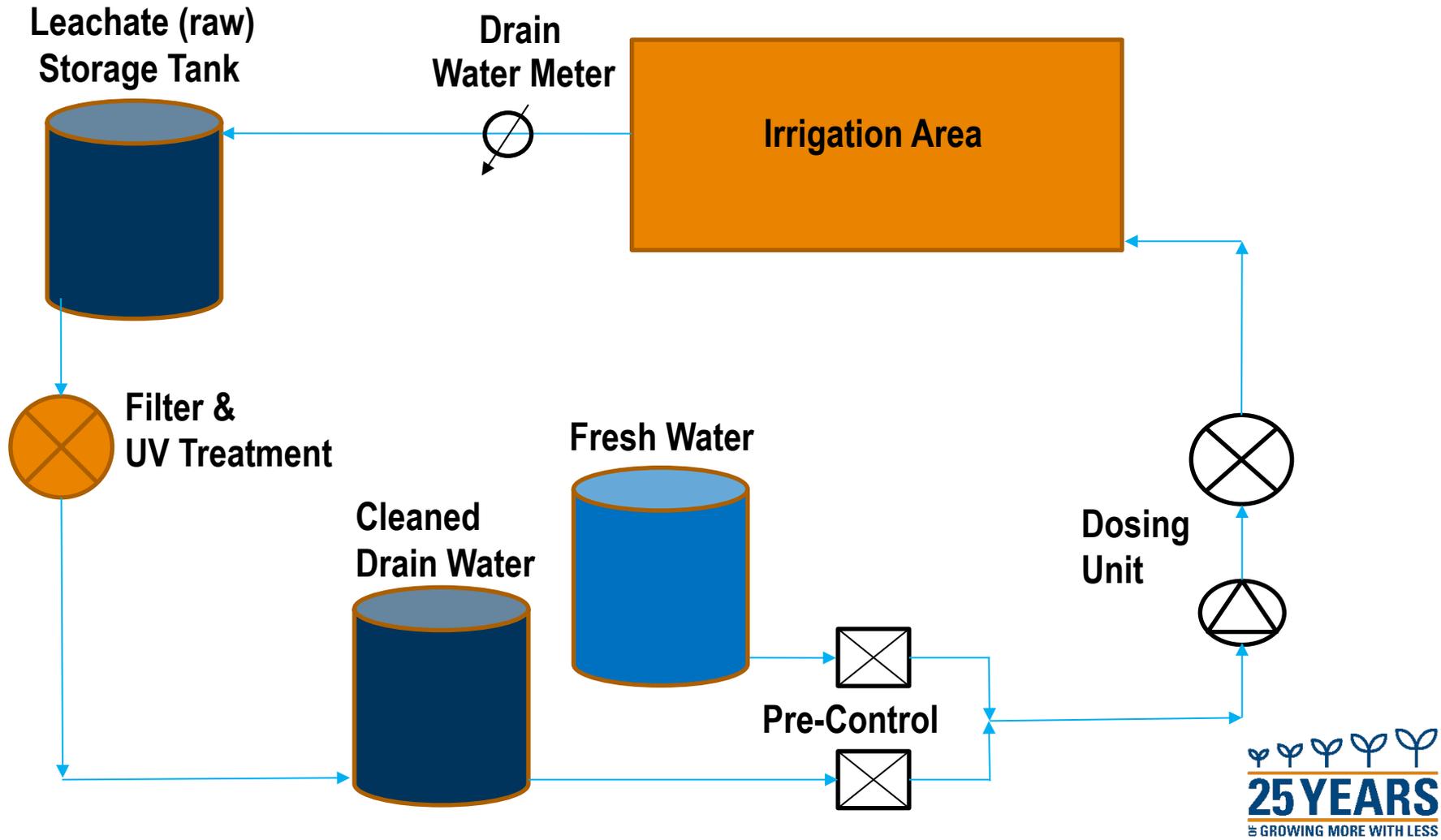
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■ Smart Thinking

- Water runoff?
- How much water do run off in your system?
- Can it be used again?



DRAIN WATER



SUMMARY

- Many ways to irrigate
- Efficiency is becoming priority



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