



REDtone SMARTFARMING

Smart Fertigation System

Smart Fertigation is one of the key solutions of REDtone Smart Farming. This automated fertigation system enables every grower to master fertigation at a professional level.

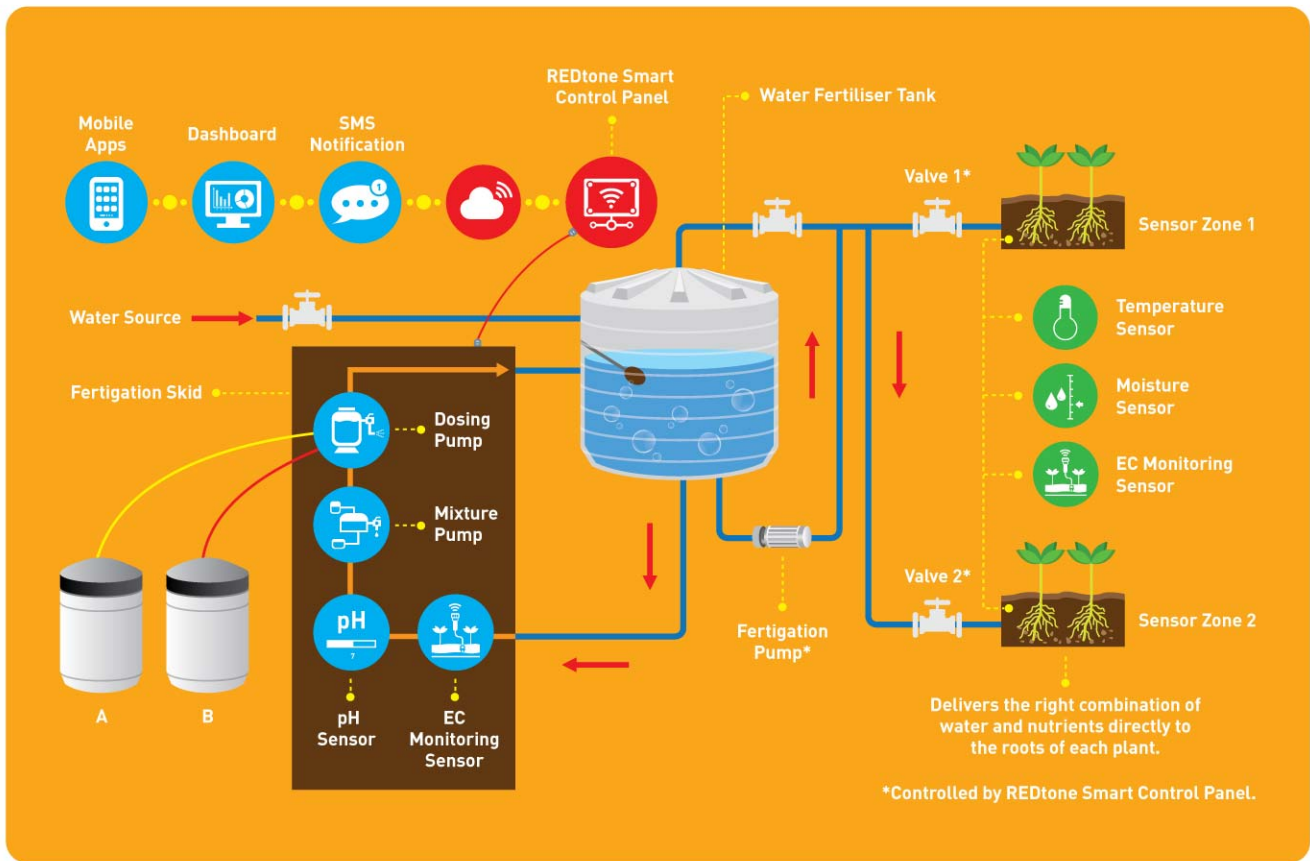
Smart Fertigation is a fertiliser application method, in which dissolved fertilisers are delivered to the crops through the irrigation system. It delivers just the right combination of water and nutrients directly to the roots of each plant, according to the crop development cycle. It is suitable for automated commercial greenhouses, hydroponics operations and agricultural fields. Smart Fertigation system management has been proven to help achieve higher yields and quality for high value crops, such as lettuce, tomatoes, chili, rock melons, etc, compared to other irrigation methods.

Benefits

- Reduces the costs of fertilisers, chemicals, labour and energy while increasing crop yields and health
- Precise and efficient: Accurate, uniform and precise in terms of timing and target areas; improved uptake of nutrients by plants

- Real-time data monitoring and control system
- Remote access allows the entire fertigation process to be monitored and controlled from anywhere in the world, saving you time and giving you more freedom

System Architecture



REDtone

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