

AGRI-TECH IRRIGATION MANAGEMENT

Why Schedule your irrigation?

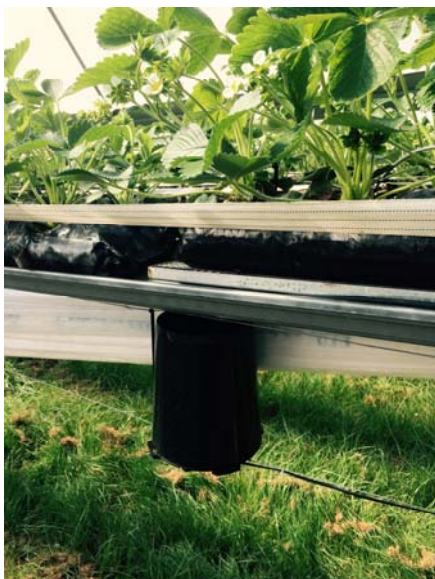
- Applying irrigation water is an expensive pastime!
- Incorrectly scheduled irrigation will adversely affect your crop
- Poor irrigation practice can increase the risk of pest and disease

Irrigation Scheduling & Management

Agri-tech has been providing irrigation scheduling services to British Agriculture since 1992. The company uses a range of “tools” to measure soil moisture together with other irrigation and plant parameters to advise growers on their irrigation practices for both soil and substrate crop production.

Benefits include:

- On site visits and consultancy together with off site support
- Repeat results year after year creating blueprints for differing crops / varieties
- Enhanced quality and yield
- Reduced costs – Water, Fertiliser, Electricity, Labour
- Environmentally friendly – reduced carbon footprint
- Optimise water resource and fertiliser uptake- reduces unnecessary waste
- Add Enviro-sensors to see how the growing environment affects plant water demand



Agri-tech Irrigation Scheduling / Management Solutions

Neutron Probe – the “Benchmark” for soil moisture measurements

Weekly soil moisture readings during the growing season.

Weekly on site evaluation of data together with providing graphic printout of soil moisture status and rain / irrigation events.

Evaluation of crop daily water use together with predicted water use and irrigation schedule based on soil moisture readings and visual observation of soil and crop.

Weekly consultation with irrigation team / personnel presenting soil moisture data and preparing a weekly irrigation plan.

Continuous Monitoring – Soil

Web based – “video” of your soil moisture – no software required – if you have internet access you will be able to get up to date soil moisture and rainfall information for your fields.

See events as they happen direct to your PC or SMART phone – updated four times per day. How effective was that last rainfall / irrigation event? – Agri-tech’s on line service will answer those questions to the nearest mm.

Agri-tech consultancy / support ensures secure data 24/7. Moreover our data interpretation backed up by periodic on site visits throughout the growing season ensures you are getting the right advice at the right time.

Precision irrigation scheduling - Substrate production

With Substrate production there is no room for error. Being informed of substrate moisture 24/7 together with information of how your irrigation system is performing is of paramount importance.

- Features as Continuous Monitoring soil - PLUS
- Updated every 1/2 hour 24/7 365, near “real time” moisture and run-off data directly to your SMART phone / Tablet / PC
- Watch your plants “wake up and go to sleep” as it happens
- Match your irrigation to the ever changing plant water demand
- Enable your irrigation team to irrigate your crops with Precision



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