

GrowSphere™

Irrigation & Fertigation Operating System

Intuitive **operating system** that lets you seamlessly manage all daily irrigation and fertigation activities. From planning to execution to validation, you'll know you're getting the right irrigation and fertigation, done right.





External Sources

GrowSphere™ Workspace



Controller
Remote
Access



Monitor



Centralised
Management



Alerts
Notifications



Quick
Actions



BETA PHASE
GrowSphere™ ECO
IOT controller



GrowSphere™ MAX
Controller



RadioNet
Base Station



RadioNet Field Unit



Weather
Station



Valves



Hydraulic
Sensors



Agronomic
Sensors



Weather
Station



Valves



Hydraulic
Sensors

Irrigation Room



Pumps



Fertigation
Unit



Filter



Sensors

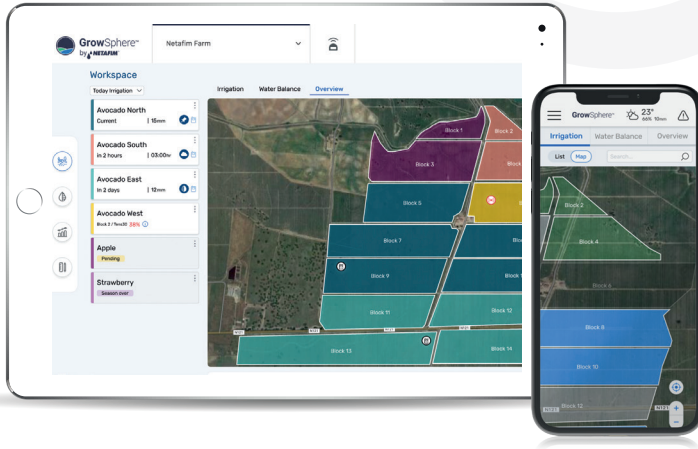


Valves

→ Catalogue Numbers

Catalogue Number	Description
74702-000069	GS-MAX CONTROLLER 220V-6DO-12DI
74743-000098	GS-MAX 16 DO-573 RELAY WITH ADAPTOR
74743-000099	GS-MAX 8 DO-572 TRIAC WITH ADAPTOR
74743-000100	GS-MAX 4 AI-561 WITH ADAPTOR
74743-000101	GS-MAX 16 DI-562 WITH ADAPTOR

/ Knock off all your key irrigation & fertigation tasks **in one easy-to-use workspace**



- ✓ Get **real-time irrigation overview** of your entire farm by crop and plot
- ✓ Easily **edit, skip, stop** and **resume** irrigation programs and shifts
- ✓ **Alerts and notifications** about your irrigation execution
- ✓ **Monitor in-field irrigation status and crop stress** based on soil and weather sensors
- ✓ **Easily build and manage** your irrigation programme and schedule
- ✓ **Easily generate, edit and export historic data** to support traceability and track crop performance
- ✓ **Manage up to four irrigation mainlines** with one controller and access **all controllers on one platform**



SIMPLIFY OPERATIONS

- Single-view dashboard
- Easy automation
- Manage multiple mainlines
- Offline or remote control
- Add features as you grow



OPTIMISE RESOURCE USAGE

- Reduce water usage
- Prevent fertilizer overuse
- Lower energy costs
- Save labour



PEACE OF MIND

- Instant visibility of irrigation status
- Prevent non-logical hydraulic commands
- Traceability and sustainability



MORE VALUE PER HECTARE

- Ensure consistent, quality yields
- Prevent crop damage from under/over irrigation or fertigation
- Minimise production costs