

GIA SMART FARMING PARTNERSHIP WORKSHOP



ST19024 - *Digital remote monitoring to improve horticultures environmental performance.*

Greenlife Industry Australia (GIA), as part of the Smart Farming Partnerships project funded under the National Landcare program and Hort Innovation, will be conducting a series of Smart Farming workshop in each state to present and discuss the technology installed at the Smart Production Nursery. A workshop will be held in Perth Western Australia to provide nursery managers and staff the opportunity to discuss what technologies are available, and to ask questions about how these technologies can help with improving production practices.

Location: **The Cockburn Wetlands Centre**
The Education Room
184 Hope Road
Bibra Lake, WA 6163

Places are limited, please register by contacting
Steve Blyth GIA Extension Officer
Email: Steve.Blyth@greenlifeindustry.com.au
or Mobile 0427 215 210

Date: **Tuesday 7th March 2023**

Workshop program:

- 9:00 am Introduction to the Smart Farming project and the technologies installed at the Smart Production Nursery.
- 9:30 am Henry Hyde (AHR) – Golden grove Smart Production Nursery case study – what sensor and why.
- 9:50 am Questions
- 10:00 am Morning tea
- 10:30 am Dallas Gibb (Hitachi) - Managing and interpreting sensor data, including a live presentation of the Hitachi control tower developed during the project.
- 11:00 am Data interpretation exercise – how to read nutrient movement through the nursery using sensor data
- 11:30 am Wayne Parr - How smart technologies are helping at Golden Grove.
- 12:00 pm Lunch
- 1:00 pm Selecting, choosing, and installing smart technologies, what you need to know.
- 1:20 pm Potential problems when installing sensors, and getting production systems ready for smart technology and BMP requirements.
- 1:40 pm Energy use in nurseries, options and how to reduce costs.
- 2:00 pm How can installing a Solar PV system benefit your nursery.
- 2:30 pm General Question and Answer
- 3:00 pm Finish



This project has been funded by Hort Innovation nursery products research and development levy and the Australian Government's National Landcare program. Hort Innovation is the grower owned, not-for-profit research and development corporation for Australian horticulture.