



Research on the environmental control for greenhouse production using ICT

Greenhouse production is important for supplying vegetable and ornamental plants. In our country, the environmental control in greenhouse using microcomputer has not been spread until recently. A controller for environmental control was too expensive for small scale greenhouse, which was popular in Japan. So, the low cost controller named “Yoshi Max” was developed by our laboratory. This controller conforms to the Ubiquitous Environment Control System (UECS) communication protocol (<https://uecs.jp/index-e.html>). UECS is beginning to spread in Japan as an environmental control system using ICT.



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