



MINIMET

Decision Support Softwares (DSS)



Compatible with Skye DataHogs and MiniMet loggers



Use weather data to assist decision making in commercial crop production



Pest & disease prediction - spray 'Just In Time' - prevention is more efficient than cure



Irrigation scheduling - make best use of expensive water resources



Harvest yield prediction - better planning of marketing strategies



Increase crop quality and yield



Increase efficiency



SAVE MONEY!!!

The University of Reading



Cranfield UNIVERSITY

Skye's Helios, DataHog and MiniMet dataloggers are compatible with most Decision Support Softwares. Such softwares use weather data collected by the loggers to make predictive calculations about crop status and give circumstantial support to the decision making processes of commercial crop production.

There are DSS models for pest and disease outbreak prediction, irrigation scheduling and water management, forecast to harvest time and harvest yield prediction to name but a few.

For example, regular use of pest and disease models have been shown to produce great improvements in crop quality and yield by preventing disease outbreaks before they begin, and also create major cost savings by timing the application of fungicides and pesticides only when needed.

Predicting yield and time to harvest allows the grower to plan marketing strategies and inform customers in advance of a crop delivery.



Decision Support Softwares include:

CALYPSO

CALabrese Yield Prediction Software from the University of Reading forecasts dates and sizes of calabrese harvests.

For information contact: David O'Connor and Associates Tel: +44 (0)1205 723414
Dr. Martin Brittain, OLGA, Tel: +44 (0)1205 870521

UNIVERSITY OF WARWICK

MORPH (Methods of Research Practice in Horticulture). An expandable software 'cartridge' system for specific models of pest and disease prediction. Includes ADEM for apples and pears. Models also available for brassicas, carrots and onions.

For information contact: Warwick HRI, Wellesbourne, Warwick, CV35 9EF, UK
Tel: +44 (0)24 7657 4455
Email: morph.support@warwick.ac.uk
Web: <http://www.warwick.ac.uk/go/morph>

SILSOE COLLEGE

Cranfield University have a series of Environmental Softwares. Potential Evapotranspiration is calculated by AWSET, HOURLYET AND DAILYET. From this Soil Water Balance (BALANCE), Irrigation Water Requirements (IWR) and Irrigation Scheduling (IMS) is possible.

For information contact: Dr Tim Hess, Silsoe College, +44 (0)1525 863292

Skye Helios, DataHog and MiniMet loggers produce weather data in ASCII format which is compatible with most DSS systems.

For more information on dataloggers, please contact Skye Instruments.

For further details on each individual DSS please contact the above companies or institutes.

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