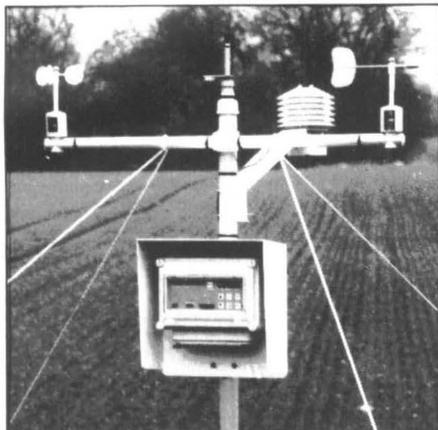


# DELTA-T WEATHER STATION

A complete system of instrumentation for automatically measuring and recording the weather at remote sites.



Standard sensors measure:

- air temperature
- rainfall
- relative humidity
- soil temperature
- solar radiation
- wind direction
- wind speed
- barometric pressure

- \* User-defined recording
- \* Typically 12 months battery life
- \* Solar power option
- \* On-site checks using LCD on control panel
- \* Remote interrogation via RS232 link

**Description** All sensors are mounted on a 2m mast, except for the soil temperature probe and the rain gauge. An environmental data logger (the Delta-T logger) initiates readings, controls the sensors and stores data. The Logger memory is expandable from 16K to 128K readings.

**Data collection** Stored readings can be collected with a portable computer or printer without interrupting logging.

**Programmable** The user has independent control over each sensor to define: sampling interval, valid reading range, engineering units (eg mm of rainfall), and data compression. These are specified using a personal computer.

**Special requirements** We are able to supply part-systems and non-standard combinations of sensors, (the Logger is expandable up to 60 analogue/counter inputs). Further information, advice or a quotation will be provided on request.

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*Continued from back cover*

SEMIADI, G., BARRY, T. N., WILSON, P. R., HODGSON, J. and PURCHAS, R. W. Growth and venison production from red deer ( <i>Cervus elaphus</i> ) grazing red clover ( <i>Trifolium pratense</i> ) or perennial ryegrass ( <i>Lolium perenne</i> )/white clover ( <i>Trifolium repens</i> ) pasture	265
SEMIADI, G., BARRY, T. N. and MUIR, P. D. Growth, milk intake and behaviour of artificially reared sambar deer ( <i>Cervus unicolor</i> ) and red deer ( <i>Cervus elaphus</i> ) fawns	273
<b>ABSTRACTS</b> Proceedings of the Twenty-Third Meeting of the AFRC Modellers' Group	283
<b>BOOK REVIEWS</b>	289

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## CONTENTS

	PAGE
Instructions to Authors	
<b>CROPS AND SOILS</b>	
ALI, M. Wheat/chickpea intercropping under late-sown conditions	141
EASSON, D. L., WHITE, E. M. and PICKLES, S. J. The effects of weather, seed rate and cultivar on lodging and yield in winter wheat	145
BARRACLOUGH, P. B. and LEIGH, R. A. Grass yield in relation to potassium supply and the concentration of cations in tissue water	157
PREMACHANDRA, G. S., SANEOKA, H., FUJITA, K. and OGATA, S. Seasonal changes in leaf water relations and cell membrane stability in orchardgrass ( <i>Dactylis glomerata</i> )	169
JULIER, B., HUYGHE, C., PAPINEAU, J., MILFORD, G. F. J., DAY J. M., BILLOT, C. and MANGIN, P. Seed yield and yield stability of determinate and indeterminate autumn-sown white lupins ( <i>Lupinus albus</i> ) grown at different locations in France and the UK	177
ALI, M. A. Effects of cultural practices on reducing field infestation of potato tuber moth ( <i>Phthorimaea operculella</i> ) and greening of tubers in the Sudan	187
HALL, J. E. and GLASBEY, C. A. Analysis of size-grouped potato yield data using a bivariate normal distribution of tuber size and weight	193
SAWAN, Z. M., MAHMOUD, M. H. and GREGG, B. R. Effect of foliar application of chelated copper and manganese on yield components and fibre properties of Egyptian cotton ( <i>Gossypium barbadease</i> )	199
SINGH, A. L. and CHAUDHARI, V. Screening of groundnut germplasm collection and selection of genotypes tolerant of lime-induced iron chlorosis	205
AZAM-ALI, S. N., NAGESWARA RAO, R. C., CRAIGON, J., WADIA, K. D. R. and WILLIAMS, J. H. A method for calculating the population/yield relations of groundnut ( <i>Arachis hypogaea</i> ) in semi-arid climates	213
SHEPHERD, M. A. Measurement of soil mineral nitrogen to predict the response of winter wheat to fertilizer nitrogen after applications of organic manures or after ploughed-out grass	223
GARNSWORTHY, P. C. and STOKES, D. T. The nutritive value of wheat and oat silages ensiled on three cutting dates	233
<b>ANIMALS</b>	
NEWBOLD, C. J., MCKAIN, N. and WALLACE, R. J. Combined effects of <i>Aspergillus oryzae</i> fermentation extract and monensin on fermentation in the rumen simulation technique (Rusitec)	241
MCCLOGHRY, C. E., HOLLIS, D. E., RAPHAEL, K. A., MARSHALL, R. C., FOLDES, A., KENNEDY, J. P. and WYNN, P. C. Wool follicles initiate, develop and produce wool fibres in ovine fetal skin grafts	247
NIEZEN, J. H., BARRY, T. N., HODGSON, J., WILSON, P. R., ATAJA, A. M., PARKER, W. J. and HOLMES, C. W. Growth responses in red deer calves and hinds grazing red clover, chicory or perennial ryegrass/white clover swards during lactation	255

Continued on inside back cover

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