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## Iacr Report for 1998

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# Staff of the Institute

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### Resource Acquisition

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P. Egumah (Uganda)  
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J. Higgins  
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#### **BROOM'S BARN**

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##### **Entomology**

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##### **Pathology**

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<sup>1</sup> Left during 1998

<sup>2</sup> Appointed during 1998

\* Academic status at Bristol University

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Dr June Simpson (Mexico)  
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## CROP AND DISEASE MANAGEMENT DEPARTMENT

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S. Murdoch  
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J. Gray  
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*Innovative crops and husbandry strategies for competitive sustainable and environmentally benign agriculture*

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J. Brechley<sup>1</sup> BSc, PhD  
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H.J. Stevenson  
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*Biology, ecology, genetics and control of weeds in arable agriculture*  
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J.E. Banks

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S. Day<sup>1</sup>  
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S.E. Freeman<sup>2</sup>  
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A.C.E. Miller<sup>1</sup> BA, PhD  
S.R. Moss BSc, PhD  
N.H. Perry<sup>2</sup> BSc, PhD  
J. Simmonds<sup>1</sup> MSc  
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*Interactions between plant pathogens (prokaryotes, viruses and fungi), their hosts and vectors, and the development of control strategies.*

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R.T. Plumb BSc, PhD, CBiol, FIBiol, FRGS  
C.B. Smith  
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*The epidemiology, population dynamics and control of fungal diseases in arable crops and rotations*

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F.D. Ledbury  
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S. Berry (South Africa)  
J. Cartner (Scotland)  
B. Chelkowski (Poland)  
J. Chelkowski (Poland)  
J. Chen (China)  
A. Churchyard (UK)  
P. Cronjé (S. Africa)  
L. Geagea (Lebanon)  
F. Gitton (France)  
Z. Hughes (UK)  
M. Jedryczka (Poland)  
E.S. Kandasamy (India)  
Q. Li (China)  
G. Lingua (Italy)  
B.N. Lodrik (Indonesia)  
H. Malvina (Seychelles)  
F. Osobu (UK)  
I. Wynne (UK)  
Y. Zhou (China)

## CROP AND ENVIRONMENTAL SCIENCES DEPARTMENT

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Mrs G. Snowden (at CAPM)

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Miss J.A. Hutcheon  
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Mrs V. Child<sup>1</sup>  
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J.A. Willis<sup>1</sup>  
A.R. White<sup>1</sup>  
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<sup>1</sup>Left during 1998

<sup>2</sup>Deceased

\*Academic status at Bristol University

<sup>2</sup>Appointed during 1998

#### Visiting Fellows

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#### Visiting Scientists

B.M. Aza (Spain)  
L. Cagan (Slovakia)  
D.V. Clay (Research Consultant)  
E. Copas (Research Consultant)  
F. Ellmer (Germany)  
B. Guivarch (France)  
P. Jamieson (New Zealand)  
K.G. Kang (South Korea)  
R.M. Kathirisan (India)  
I. Kelly (University of West of England)  
C. Langdon (Cardiff)  
I. Murcia (Spain)  
M. Nilars (Denmark)  
R. Osborn (Aberystwyth)  
E. Petit (France)  
M. Miguez Rios (Spain)  
E. Rohel (France)  
D. Schaffner (Switzerland)  
I. Taylor (Australia)  
B. Teulat (France)  
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#### Postgraduate Students

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Miss R. Brookes  
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Miss A. Collins  
M. Fox  
M. Frost  
Miss J. Green  
Miss K.J. Hall<sup>1</sup>  
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#### Sandwich Course Students

H.J. Cools (Sheffield)  
S. Hardy (Aberystwyth)  
P. Houlker (Hertfordshire)  
O. Lewis (Bristol)  
C. McGraw (Bristol)  
P. O'Sullivan (Dublin)  
Miss H. Pitchford (University of West of England)  
S. Rowcliffe (Bristol)  
Miss B. Seeley (Bristol)  
Miss A. Staines (Liverpool)  
A. Tanner (Aberystwyth)

#### MSc Course in Crop Protection (IACR-Long Ashton)

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Miss P. Herrington (*Laboratory Technician*)

#### Students 1997/98

Miss K. Berry  
Mr P. Berry  
Miss J. Burbidge  
Miss J. Cartner  
Miss E. Conquest  
Miss K. Cowne  
Miss E. Cullen  
Mr R. D'Cunha  
Mr P. Franco-Matny  
Mr C. Glover  
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Mr J. Jacquet  
Miss C. Kenzie  
Miss L. Knapp  
Mr N. Matthews  
Mrs S. Moorwood  
Mr T. Nisakaran  
Mr I. Osman  
Mr K. Pollard  
Mr J. Riley  
Miss R. Saunders  
Miss P. Slatter  
Miss S. Turner  
Miss H. Willott  
Mr A. Wilson

#### Intake students 1998/99

Miss E. Agallou  
Mr R. Amey  
Miss M. Baldwin  
Mr A. Bennett  
Miss K. Branch  
Miss S. Dewhirst  
Miss M. Dimambro  
Miss J. Dunphy  
Miss S. Garton  
Mr S-G. Hong  
Miss N. King  
Miss M. Laku  
Mr A. Lock  
Miss C. Mainjeni  
Mr M. Moreno-Gloggnor  
Mr D. Northcroft  
Miss H. Parker  
Mr A. Pathan  
Miss R. Perrin  
Mr J. Roberts  
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Miss S. Smallbone  
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#### ENTOMOLOGY AND NEMATOLOGY DEPARTMENT

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#### Biomangement of Pest and Beneficial Insects in Farmland

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#### Sustainable Management of Nematodes

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Dr M.J. De Oliveira Campos (Brazil)  
Prof. A. Fukuzawa (Japan)  
Dr I. Mazet (France)  
Dr A. Navon (Israel)  
Miss S. Nordstrom (Sweden)  
Miss J. Perdereau (France)  
Dr R. Potting (Netherlands)  
Mr A. Sarafrazi (Iran)  
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E.D. Bell  
Miss G. Biran  
Miss S. Cook  
Miss A.F.C. Couty  
L. Fioretti  
M.N. Hamid  
F. Hemmati  
Miss H. Jacobs  
Mrs M.E. Lopez de Mendoza  
T.H. Mauchline  
P. Mendoza  
S. Minnis  
C.O. Morton  
Miss K.L. Ponder  
A. Rehman  
R.N. Rolfe  
Miss J.P. Sheridan  
I. Smyrnioudis  
A.P. Storeck  
D.J. Warner  
Miss H. Yeo

*Sandwich Course Students*

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Miss D.M. Goulding (Manchester)  
Miss S. Thompson (Nottingham)

**HORTICULTURAL & ENVIRONMENTAL SERVICES DEPARTMENT**

*Head of Department*

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*Personal Assistant:* Mrs M. Caiger<sup>2</sup> DMS

Ms E. Blackie  
Mr W. Bothwell  
Mrs C. Brown<sup>2</sup>  
Mr R. Burningham  
Mr A. J. Callewaert  
Mr A. Davies<sup>2</sup>  
Mrs L. Dawson  
Mrs F. Gilzean  
Mr S. Harvey<sup>2</sup>  
Mr M.B. Hockham<sup>1</sup>  
Mr K. Hughes<sup>2,1</sup>  
Mr A. Jones  
Mrs A. Kirby<sup>1</sup>  
Mrs J. Maple  
Mr I. Pearman BSc  
Mr M. Picton  
Mr K. Plumb HNC  
Mr M. Preston  
Mrs J. Stone

*Manor Gardens - Volunteer*

Mrs H. Oliver<sup>2</sup>

**PLANT SCIENCES DEPARTMENT**

*Head of Department*

**R. Hooley BSc, PhD Research Fellow\***

*Secretary:* A. Berry<sup>1</sup>

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**Hormone Biochemistry**

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**Glasshouses, Controlled Environments and Amenity Areas**

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G. Sanchez (Spain)  
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Miss V. Lerner  
Miss R. McCarthy  
Ms J. Nolan  
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**Soil Physical Processes**

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J. Eddy  
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**Soil Microbiology**

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G.O. Ayaga  
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T. Breedon (University of Leeds)  
R. Duncan (University of New England, NSW, Australia)  
N. Jones (University of Hertfordshire)  
D. Murray (University of Hertfordshire)  
G. Noon (University of Hertfordshire)  
C. Peake (University of Hertfordshire)  
J. Simpson (University of Hertfordshire)  
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### ROTHAMSTED INTERNATIONAL

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A. Wallace<sup>2</sup>

IACR-Long Ashton Scientific Liaison and Training  
**H.M. Anderson BA, SDH, CBiol, MIBiol**  
Secretary: Mrs C.P.P. Cooke  
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(Membership Secretary)  
K.J.C. Williams (Photographer)

IACR-Rothamsted Library & Information Services  
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Mrs W.L. Barthorpe  
Mrs C. Fearnhead BSc, ALA, DiplInfSci  
Mrs A. Hill  
Mrs J. Johnson<sup>1</sup>  
Ms M.E. Johnston BA, ALA, DipLib  
Mrs A.R. Sykes BA, MA  
Mrs A. Wright

IACR-Long Ashton Library  
**S.P. Smith BSc, ALA, DipLib**  
Mrs M.A. Gann  
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Secretary: Mrs S. Harston<sup>1</sup>  
Mrs D.J. Holyome<sup>2</sup>

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Secretary: Mrs S. Harston<sup>1</sup>  
Mrs D.J. Holyome<sup>2</sup>

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Mrs M. Caiger<sup>2,1</sup>  
J. Clark  
J.M. Heggie  
Mrs A.E. Lawson<sup>1</sup>  
S.J. Suarez

Playscheme  
Mrs S.L. Adams

Safety  
**M.J. Cornelius<sup>4</sup>**  
Secretary: Mrs J.M. Tuck

Finance  
**B.L. Proctor<sup>4</sup>**  
A.J. Allan<sup>4</sup> BSc

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Mrs M. Caiger<sup>1</sup>  
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Miss F. Gay<sup>2</sup>  
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Mr M. Grennell<sup>2</sup>  
Miss B. Katechia<sup>2</sup>  
J.C. Lysaght  
Mrs J.J. McVay<sup>1</sup>  
T.O. Pocock<sup>4</sup> MA, PhD (Institute Admin. Computing Manager)  
Mrs S. Rolt<sup>2</sup>  
N.C. Skinner<sup>1</sup> MBA  
Mrs P.A. Wiseman

Post and Telephones  
Mrs E. Godfrey  
Mrs P.M. Hull  
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**R.W.M. Lilley<sup>4</sup>** (& IACR-Rothamsted Assistant Secretary)  
R.J. Barlow  
Mrs S. Dempsey<sup>2</sup>  
Mrs S.J. Flay  
M.R. Hylands  
Mrs J. Pawson  
R.D. Wiltshire<sup>2</sup>

Staff Restaurant  
**Mrs P.J. Smith**  
Mrs R. Arnold<sup>2</sup>  
Mrs D.A. Durrant<sup>1</sup>  
Mrs A. Fensom  
Mrs B. Rudolph<sup>1</sup>  
Mrs L. Smith<sup>1</sup>  
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**Mrs K.B. Bowen**  
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Mrs S. Gillett<sup>1</sup>  
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Mrs P. Tinkler  
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IACR-Broom's Barn Administration and Site Services  
J. Jaggard  
M.A. Allison  
N.J. Ansell  
G.M. Deverell<sup>1</sup>  
L.E. Golding  
P.A. Stevens

<sup>1</sup> Left during 1998

<sup>4</sup> Staff with functional responsibilities throughout the Institute

<sup>2</sup> Appointed during 1998

<sup>\*</sup> Academic status at Bristol University

**IACR-Long Ashton Administration**  
*Head of Finance and Administration:*

**J.M. de Borde FCMA**

*Typist:* Mrs C.M. Scott

*Administration*

J.D. Baker  
Mrs L.J. Roome

*Personnel*

**Miss F.M. Goddard Grad IPM**

A.T. Harding BSc, DipMDT  
Mrs J.A. Ratcliffe

*Safety*

**Dr R.S.T. Loeffler BSc, PhD, CChem,**  
**MRSC Research Associate\*** (Seconded to  
BBSRC Office 60%)

*Finance*

Mrs A.C. Hendrick MAAT  
Mrs A. Riley  
R.C.G. Willis  
Mrs T.H. Walters<sup>1</sup> MAAT

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Mrs J.M. Cole  
Mrs V. Johnson  
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Mrs C. Hanley<sup>2</sup>

*Purchasing and Stores*

**M.A. Holley<sup>1</sup>**

M.A.F. MacManus  
S. McCafferty

*Refectory*

**K.A. Brockway AHCIAMA**

Miss G.H. Cook  
Mrs J. Kew<sup>1</sup>  
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**ENGINEERING AND MAINTENANCE SERVICES**

*BBSRC Energy Officer/IACR Engineer*

**M.J. Hadlow<sup>4</sup> BSc** (Seconded to BBSRC  
Swindon Office 20%)

**IACR-Rothamsted Engineering and Maintenance Services**

*Head:* **M.J. Hadlow<sup>4</sup> BSc**

R.J. Taberer MIPlantE (Assistant to HoD)  
R.J. Mahoney (Buildings & Facilities Manager)  
T.D. Edwards (Services & Office Manager)  
M. Mooring (Building Maintenance Surveyor)  
*Admin:* Ms P. Evans  
Mrs K.L. Morris

*Building Services*

T.G. Gradwell-Smith  
M.J. Hornett  
A. Large<sup>2</sup>  
T. Chalkley (Seconded from Farm)  
R. Payne (Painters)  
T.J. Hucklesby  
P.M. Rischling

*Electrical & Development Services*

**A.J. Flay** (Electrical & Development Engineer)  
**R.A. Swan<sup>1</sup>** (Electrical Supervisor)  
M. Byrne  
A. Fox  
R. Garnett  
D. Hardwick

**A.G. Hobbs** (Development Supervisor)

R. Horsler  
R.J. Ingham  
R. Jenkins

*Mechanical Services*

**P.J. Hanley<sup>1</sup>** (Mechanical Supervisor)  
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S. Rowson  
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*Refrigeration and Air Conditioning Services*

**R.L. Humphreys** (Refrigeration Supervisor)  
R.W. French  
R. Greener  
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W. Fearn  
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**IACR-Long Ashton Engineering and Maintenance Services**

*Head:* **M.R.E. Williams**

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*Office Administrator:* Mrs L.C. Lasseter  
*Admin:* Mrs R.J. Luft

*Building*

**F.V. Reynolds ACIOB**

R. Jones  
R. Penny<sup>1</sup>  
A. Shorney<sup>1</sup>  
C. Lloyd<sup>2</sup>  
R. Park  
S.J. Willis

J.P. McCann

*Electrical Engineering*

**C. King**  
M. Webber<sup>2</sup>  
G.J. Muxworthy<sup>1</sup>  
M.J. Glover

*Mechanical Engineering*

**B. Jenkins<sup>2</sup>**  
D. Newman  
P.J. Arnel

*Instruments*

**R.S. Cole IEng (CEI), MIMechE**  
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*Electronics*

**B. Kelly**  
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*Controlled Environment*

**P.R. Turner**

*Transport*

**A.C. Hynam**  
K. Rudd