

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

# Rothamsted Research Annual Report 2002-2003

[Full Table of Content](#)



---

## Staff of the Institute

### Rothamsted Research

Rothamsted Research (2003) *Staff of the Institute* ; Rothamsted Research Annual Report 2002-2003, pp 63 - 72

## Staff of the Institute as at 31 March 2003

### INSTITUTE DIRECTOR AND DIRECTOR OF ROTHAMSTED

#### Professor Ian R Crute

Personal Assistant: Sue C McCartney  
Associate Director:

#### Professor Brian R Kerry

Personal Assistant: Deirdre F Hughes

### ASSOCIATE DIRECTOR AND DIRECTOR OF LONG ASHTON

#### Professor Peter R Shewry\*

Personal Assistant: Pat A Baldwin

### DIRECTOR OF BROOM'S BARN

#### John D Pidgeon

Personal Assistant: Sue Frampton

### Staff with functional responsibilities throughout the Institute:

Institute Secretary **Peter S Thomas**  
Institute Assistant Director, External  
Relations **Stephen James**  
Institute Assistant Secretary and Head of  
Administration Michael J Truelove<sup>1</sup>  
Institute Administrative Computing  
Manager Trevor O Pocock  
Institute Bioinformatics  
Paul J Verrier  
Institute Biomathematics  
Robin Thompson  
Institute Computing Manager  
Gavin E Harrison  
Institute Contracts Manager  
Tina L Alger  
Institute Engineer Mike J Hadlow  
Institute Financial Accountant  
Andrew J Allan  
Institute Management Accountant  
Nicholas C Skinner  
Institute International Liaison and PR  
Susannah M Bolton  
Institute Librarian Liz Allsopp  
Institute Personnel Officer  
Tony Jowett  
Institute Purchasing Manager  
Richard W M Lilley

Institute Safety Officer

Cliff P Brookes

### AGRICULTURE AND THE ENVIRONMENT DIVISION

Head of Division

#### **K W T Goulding BSc, MSc, PhD,** **FIsoilSci**, Special Professor in the School

of Life and Environmental Sciences,

University of Nottingham; Visiting

Lecturer in the Department of Soil

Science, University of Reading

Personal Assistant: C H Jaggard

Secretaries: D P Dawkins

A C Pears<sup>1</sup>

Typists: M McDonnell<sup>1</sup>

H M Richardson BSc<sup>1</sup>

Admin: K L Harwood

### Nutrient Dynamics

#### **K W T Goulding**

T M Addiscott<sup>1</sup> MA, PhD, DSc Visiting

Professor in the Department of  
Environmental Sciences and Mathematics  
at the University of East London

R H Cartwright<sup>1</sup> BSc

A G Dailey

S Fortune BSc, MSc, PhD

S M J Francis BSc

N Gilbert<sup>1</sup>

M J Glendinning MA, PhD

P R Hargreaves BSc

S Kerley<sup>1</sup> BSc, PhD

P K Leech<sup>1</sup> BSc

A J Macdonald BSc, PhD

S M Mitchinson<sup>2</sup> BSc

P R Poulton

T Scott

E A Stockdale BSc, PhD

A J Swain BSc

G Tuck BSc

C P Webster BSc, MSc

S K White BSc, PhD

### Soil Protection and Remediation

#### **S P McGrath BSc, PhD** Honorary

Professor in the School of Biological and  
Earth Sciences, Liverpool John Moores

University; Special Professor in the School  
of Life and Environmental Sciences,

University of Nottingham

M Blake-Kalff<sup>1</sup> MSc, PhD

N F Caille<sup>2</sup> PhD

C M Falloon BSc

A M Chaudri BSc PhD

M R H Davis<sup>2</sup> BSc, MSc

P G Dennis<sup>2</sup> BSc

S J Dunham

M A Fox<sup>2</sup> BSc, MSc, PhD

D L Johnson PhD

M Moreau<sup>1</sup>

C P Rooney<sup>2</sup> BSc, PhD

B Tenet<sup>1</sup>

F-J Zhao BSc, MSc, PhD

### Carbon Cycling

#### **D S Powlson BSc, PhD** Visiting

Professor in the Department of Soil  
Science, University of Reading

D Abaye<sup>1</sup> PhD

P C Brookes BSc, PhD, DSc Honorary

Professor of Soil Science in the School of

Natural and Environmental Sciences,

University of Coventry; Honorary Professor

at the Institute for Tropical Agriculture,

Changsha; Honorary Professor at the

Northwest Sci-Tech University of

Agriculture and Forestry, Yangling, China;

Honorary Professor at the Agricultural

University of China, Beijing

D G Christian BSc

K W Coleman BSc MSc

P D Falloon BSc, MSc

J L Gaunt BSc, PhD

C A Grace

S J Kemmitt<sup>2</sup> BSc, MSc, PhD

D P B Perocheau<sup>1</sup>

G Richter PhD

S P Sohi BSc, MSc, PhD

A P Whitmore PhD

H C Yates BSc

### **Biomathematics Unit**

#### **R Thompson BSc, MSc, DSc, FRSE**

*Visiting Professor in School of Mathematical Sciences, Queen Mary and Westfield College, University of London; Special Professor in the Department of Mathematics, University of Nottingham*

G M Arnold<sup>1</sup> BA, MSc Research Fellow\*

A Baierl

I Beardmore

M Cherry<sup>1</sup>

Y H Choi BSc, MSc, PhD

D Claessen PhD

S J Clark BSc

P D Fisher<sup>1</sup>

S A Harding BSc

H E Jones PhD

C Lawless PhD

S K Mertens<sup>2</sup> BA, MA, MSc, PhD

V J Mitchell

D A Murray<sup>1</sup> BSc, MSc

R W Payne BA, DipStat, Cstat, PhD

*Visiting Professor, Liverpool John Moores University*

S Pietravalle PhD

S J Powers BSc, MSc, PhD

J Riley BSc, MSc *Visiting Fellow, University of Reading*

M A Semenov PhD

L E Scott<sup>2</sup> BSc

D M Soutar<sup>1</sup>

A D Todd BSc, MSc

R J van de Ven<sup>1</sup> PhD

F van den Bosch PhD

S J Welham BA, MSc

L V Wiltsher

### **Analytical Services**

#### **A R Crosland CChem, MRSC**

M E Birdsey

J M Day<sup>1</sup>

D J Hampshire

R P Skilton<sup>2</sup>

W S Wilmer

X Y Zhou

#### *Rothamsted Senior Fellows*

Professor C C Gilligan

Professor P J Gregory

Professor K Killham

Professor R A Leigh

Dr R Webster

#### *Lawes Trust Senior Fellows*

Prof T M Addiscott

Dr D S Jenkinson, FRS

A E Johnston BSc

G J S Ross BA, DipStat

#### *Honorary Scientist*

G M Milford BSc

#### *Rothamsted International Fellows*

S Peiris BSc, PhD (Sri Lanka)

M D Resende (Brazil)

W Zhou BSc, PhD (China)

#### *Visiting Scientists*

R Adamson

L Blake

M Castellazzi (France)

B M Church

W R Cookson (New Zealand)

X R Fan (China)

F Haudestaine (France)

S Henaud (France)

J Hernandez (Spain)

A Herrmann (Germany)

J M Hodgson

R J Lopes-Bellido (Spain)

S O'Flaherty (Ireland)

M Orsel (France)

A Smith (Australia)

S Swanwick

M Tibbetts

C Titus (South Africa)

Y Tong (China)

J Wang (China)

Q Wen (China)

L Wu (China)

Y Xiao (China)

M Xu (China)

J Yanai (Japan)

H Zha (China)

#### *Postgraduate Students*

J-C Aciego-Pietri

G A Akudbillah

K-M Clothier

S J Cookson

I M Demon

S Machefert

S P Pandey

S Parnell

K Papastamati

P Shelmerdine

S J Todd

F van den Berg  
Sandwich Course Students  
S M Gaynor (Bath)

### **BIOLOGICAL CHEMISTRY DIVISION**

Head of Division

**J A Pickett BSc, PhD, DSc, FRS**

Special Professor in the School of  
Biological Sciences, University of  
Nottingham

Personal Assistant: A M Cornford

Typist: J N Still

Deputy Head of Division

**L M Field BA, PhD**

### **Chemical Ecology**

**J A Pickett BSc, PhD, DSc, FRS**

**L J Wadhams BA, PhD, DSc**

M A Birkett BSc, PhD

M Briens<sup>1</sup>

T J Bruce BSc, MSc, PhD

K Chamberlain BSc, PhD

A F Couty<sup>1</sup> PhD

S Y Dewhurst BSc, MSc

R Gordon-Weeks PhD

F M Guthrie

A M Hooper BA, PhD

L M Ireland

J L Martin MIBiol

P Mayon PhD

A Mohib<sup>2</sup> BSc

B J Pye

H B Rasmussen PhD

L E Smart BSc

C M Woodcock

### **Insect Molecular Biology**

**L M Field BA, PhD**

C C Bass BSc

T G E Davies<sup>4</sup> BSc, PhD

S Jacobs BSc, MSc

P J Jewess BSc

G D Moores BSc, PhD

M S Williamson BSc

J J Zhou BSc, PhD

### **Pesticide Chemistry**

**R H Bromilow BA, PhD**

A L Boyes BSc, PhD

A A Evans

B P S Khambay BSc, PhD

P H Nicholls BA

A S Robson<sup>1</sup>

Rothamsted Senior Fellows

Professor P N R Usherwood

Professor A Watts

Lawes Trust Senior Fellow

Dr M Elliott CBE, DSc, FRS

Rothamsted International Fellows

F Jorge-Lazo BSc (Cuba)

Z-X Li BSc, PhD (China)

O Pino-Perez BSc (Cuba)

Visiting Scientists

C Bett (Kenya)

M-C Cano de Andrade (Brazil)

K Cherry

A L Devonshire

C Erdogan (Turkey)

A Fallang (Norway)

J-B Farcet (France)

W Huang (China)

N F Janes

J Jezek (Czechoslovakia)

S Menard (France)

P Pelosi (Italy)

M Rescan (France)

P W Tomkins

B Torto (Kenya)

T Toshova (Bulgaria)

M K Tsanuo (Kenya)

Y Yang (China)

G Zhang (China)

Postgraduate Students

M Andrews BSc, MSc

S Atkinson BA

R F Carvalho (Brazil)

S M Elbanna (Egypt)

M N Goddard

S R Graves BSc

M J Kirwan, BSc

H Le Blanc

J Logan

M Merryweather BSc

E Napper BSc

M Selby

A Skelton BSc, MSc

R Tregaskis BSc

S Young BSc, MSc

### **BROOM'S BARN SUGAR BEET PRODUCTIVITY AND IMPROVEMENT DIVISION**

Director

**J D Pidgeon BA, MSc, PhD**

Personal Assistant: Sue Frampton

### **Sugar Beet Improvement and Production**

Programme Leader

**J D Pidgeon BA, MSc, PhD**

Biotechnology

**E S Mutasa-Göttgens BSc, PhD**

A J Jennings BSc

M C Luterbacher BSc, MSc, PhD

A M Mathews BSc

L C Roden BSc, PhD

S J Yallop BA

Crop Production

**K W Jaggard BSc, PhD** Special

Professor in the Agricultural Sciences  
Division and in the School of  
Geography, University of Nottingham;  
Honorary Lecturer in the School of  
Biological Sciences, University of East  
Anglia.

C J A Clark BSc

M LeBlaa

S Mitchell<sup>1</sup>

E Ober BS, MS, PhD

A Qi BSc, PhD

A R Royal

Weed Science

**M J May**

G T Champion BSc, PhD

H E Davidson<sup>1</sup> BSc

R A Horsnell<sup>1</sup>

K J Hudson

A M Wells<sup>1</sup> BSc

### **Sugar Beet Protection**

Programme Leader

**M J C Asher BSc, PhD**

Entomology

**A M Dewar BSc, PhD**

P Baker<sup>1</sup> BSc, MSc

A J G Dewar<sup>1</sup>

B H Garner BSc

L A Haylock BSc

R J N Sands BA, MSc

M J Walker<sup>1</sup> BSc

#### Pathology

**M J C Asher BSc, PhD**

K M R Bean  
D M Chwarszczynska  
S A Francis MA, DPhil  
C S Kingsnorth BSc, DPhil  
E J O'Connor<sup>1</sup> BSc  
B C Roden MSc

#### Virology

**M Stevens BSc, PhD**

P B Hallsworth  
F Vigano BSc

#### Liaison, IT and Experimental Services

**M J May**

K L Hales  
I R Pettitt BSc  
W A Thornhill BSc

#### Field Trials and Site Services

**S G Goward BSc**

N J Ansell  
J G Booth  
R B Bugg  
K R Sawford  
C W Smith  
P A Stevens  
R W A Thomson

#### Broom's Barn Administration

C E Hobart<sup>2</sup>  
J Jaggard  
T J Stevens

#### Postgraduate Students

E C Dimmer  
B D C Freeman  
C Malnou

#### Sandwich Course Students

P L Cole (West of England)  
S J Coupe (Nottingham Trent)  
G Erard (Nottingham Trent)  
A Lecourieux (Nottingham Trent)  
S Plantegenet (Nottingham Trent)

#### BBSRC Scientific Communications

Trainer  
D A Cooke<sup>1</sup> BSc, PhD

### CROP PERFORMANCE AND IMPROVEMENT

Head of Division

**P R Shewry BSc, BA, PhD, DSc, CBiol, FIBiol** Professor of Agricultural Sciences University of Bristol\*

Deputy Head of Division (at Rothamsted)

**M A J Parry BSc, MSc, PhD, DIC**

Personal Assistant: J McCarthy  
Divisional Secretary: S Adams

Deputy Head of Division (at Long Ashton)

**J R Lenton BSc, PhD** Research Fellow\*

Secretary: V R Topps<sup>1</sup>  
S Richens<sup>1</sup>

### Developmental Genetics

**M J Holdsworth BSc, PhD** Research Fellow\*

G V Allnut BSc, MSc, PhD  
M M Baudo BSc, AgEng, PhD  
G L Barker<sup>1</sup> BSc, PhD,  
R W Beswick<sup>1</sup> BSc  
R D Child<sup>1</sup> CBiol, MIBiol Research Associate\*  
J A Coghill<sup>1</sup> BSc  
J-M Daviere MSc, PhD  
A Doherty BSc  
D Edwards<sup>1</sup> BSc, PhD  
S Footitt BSc, PhD  
M Grimmer<sup>1</sup> BSc  
A K Huttly BSc PhD Research Associate\*  
H D Jones BSc, MSc, PhD  
S Kurup<sup>2</sup> BSc, MSc, PhD  
K Li BSc  
J M Locke BSc, PhD  
R L Lyons BSc  
H D O'Sullivan<sup>1</sup> BSc  
P G Owen  
R A Parker<sup>1</sup> BSc, PhD  
G M Pastori PhD  
A E Riley  
S K Shepherd<sup>1</sup> BSc, MSc  
C A Sparks BSc  
S H Steele HND  
J E Summers<sup>1</sup> BSc, PhD  
M D Wilkinson BSc, PhD  
I D Wilson<sup>1</sup> BSc, PhD  
H Wu BSc, MSc, PhD

### Signalling and Development

**P Hedden BSc, PhD** Research Fellow\*; Special Professor of Plant Biochemistry, University of Nottingham

N E J Appleford<sup>1</sup> GIBiol  
J M Baker<sup>2</sup> BSc, PhD  
S M Baker BSc  
J H A Barker BSc, PhD  
M H Beale BSc, PhD Research Fellow\*; Special Professor of Plant Biochemistry, University of Nottingham  
E Carrera BSc, PhD

D V Child  
S J Croker<sup>1</sup> CChem, MRSC, MSc

M Ebsworth<sup>1</sup> BSc

P Gaskin BSc

N D Hawkins BSc, MSc

R A King BSc, PhD

J Lewis BSc

M J Lewis<sup>4</sup> BA, LRSC

I Murillo Cabeza<sup>1</sup> PhD

A L Phillips MA, PhD Research Associate\*

I M Prosser CBiol, MIBiol, PhD

O J Ruiz-Rivero<sup>2</sup> PhD

P M Sherborne

C Stathopoulos BSc, MSc

A-M Vidal Rico<sup>1</sup> BSc, PhD

D A Ward

J L Ward BSc, PhD

### Plant Products

**P R Shewry BSc, BA, PhD, DSc, CBiol, FIBiol**

F Beaudoin BSc, PhD  
H F Darlington<sup>1</sup> BSc, PhD  
K Feeney BSc, PhD  
R J Fido MSc, PhD, MIBiol, CBiol, Research Associate\*  
J L Forsyth BSc, PhD  
J Freeman BSc, PGDip  
S M Gilbert<sup>1</sup> BSc, PhD  
A Lovegrove BSc, PhD  
M C Matthes MSc, PhD  
L V Michaelson BSc, PhD  
S T Mugford<sup>1</sup> BSc  
J A Napier BSc, PhD Research Fellow\*; Special Professor of Plant Biotechnology in the School of Biosciences, University of Nottingham  
B A Saunders<sup>1</sup>  
A W Savage BSc  
O V Sayanova BSc, PhD  
J Steel<sup>1</sup>  
A S Tatham<sup>1</sup> BSc, PhD Research Fellow\*

C Toscano-Underwood BSc, DPhil  
P Tosi BSc  
Y Wan<sup>2</sup> BSc, PhD

### Stress Biology

#### C H Foyer BSc, PhD, FIBiol

*Professor in the Department of  
Agricultural and Environmental Science  
at the University of Newcastle and in the  
Department of Biology at the University  
of Exeter*

S P Driscoll  
K E Groten<sup>2</sup> PhD  
D Habash-Bailey BSc, PhD  
X L He BSc  
G Kiddle BSc  
F L Theodoulou BA, DPhil  
J M West HND

### Assimilate Partitioning

#### N G Halford BSc, MSc, PhD

*Research Associate\**

P J Andralojc BSc, PhD  
R P Haslam BSc, PhD  
S J Hey BSc, PhD  
S A Laurie<sup>1</sup> BSc, PhD  
P J Madgwick BA, PhD  
R S McKibbin<sup>1</sup> BSc, PhD  
R A C Mitchell BSc, PhD  
M A J Parry BSc, MSc, PhD, DIC  
M J Paul BSc, PhD  
Y Zhang BSc, MSc, PhD

### Nutrient Acquisition

#### M Hawkesford BSc, PhD

*P B Barraclough BSc, PhD, CChem,  
MRSC Special Lecturer in the School of  
Biological Sciences, University of*

*Nottingham*  
D A Brown<sup>1</sup> BSc, PhD  
P H Buchner PhD  
C C Collins<sup>1</sup>  
L Hopkins<sup>1</sup> BSc, PhD  
J Howarth BSc, PhD  
J Jones  
B J Major<sup>1</sup> BSc, PhD  
A J Miller BSc, PhD  
S Parmar  
R Reid<sup>2,1</sup> BSc  
C E Shepherd BSc  
S J Smith  
D M Wells BSc, PhD

*Technical Support*  
J Pearman BSc

J C Turner  
*Emeritus Professor*  
J MacMillan PhD, DSc, FRS

### Lawes Trust Senior Fellows

Dr A J Keys BSc, DIC  
Dr B J Milfin BSc, MS, FIBiol, FRASE

### Rothamsted Senior Fellows

Professor D Bowles OBE  
Professor D Grierson OBE, FRS  
Dr N Harris  
Professor P J Lea  
Professor A K Stobart

### Rothamsted International Fellows

H Liang BAU, BSc (China)  
N N Shi PhD (China)  
Y Zhang BSc, PhD (China)

### Visiting Scientists

B Berecz (Hungary)  
D Chrimes  
B G Forde  
L Gomez (Argentina)  
Y Gong (China)  
F Greenwood  
G Y He (China)  
R Hooley  
S Kumar (India)  
D W Lawlor  
X Li (China)  
C Lu (China)  
W S Pierpoint  
C Pignocchi (Italy)  
M Poppe (Germany)  
S Rubio-Diaz (Spain)  
S J Trevanion

### Postgraduate Students

J E Ayriss  
M R Barks  
P Bell, BSc  
S Bernard BSc, MSc  
J Carvalho MSc  
K C Castleden BSc  
E Chamba  
H Chapman  
N Clark  
B Crouch  
A Downie BSc  
D Evans  
G Forbes  
J Goodwin BSc, MRES  
J Griffin

P D Hobson BSc  
J-N Jacquet BSc, MSc  
D Jhurreea BSc  
M A Jones  
S Lao BSc, MSc  
B Libisch  
A M Lopez  
S Marsh  
E Mueller  
C-L Palmer  
R V Palmer  
T K Pellny Dipl.Ing.agr  
S Prior  
F J Proud  
F Shephard  
W Skinner  
G Spano  
C Stanley  
E V Stavropoulos  
M Stone  
M Storm  
D Swarbreck BSc  
K L Tearall  
I E Wheeler  
H M Whitney  
P Wiley MChem, MSc  
R J Wright

*Glasshouses, Controlled Environments  
and Amenity Areas (Long Ashton)*

*Head R F Hughes<sup>1</sup>*

D Clark<sup>1</sup>  
G S Harbard  
T J Pitman<sup>1</sup>  
J B Woodley<sup>1</sup>

## PLANT AND INVERTEBRATE ECOLOGY

*Head of Division*

### I Denholm BSc, PhD, FLS

*Personal Assistant: L Perryment  
Secretary: J Fountain*

### Invertebrate Population Genetics and Ecology

#### I Denholm BSc, PhD, FLS

T Adamowicz  
L J Alderson  
C J Alexander<sup>2</sup> BSc  
S Baldwin<sup>1</sup>  
M D Barber<sup>1</sup> BSc  
J E Bater BSc  
R S Bennett<sup>1</sup> BSc, MSc  
D A Bohan BSc, PhD, DIC

D R Brooks  
 E L Browne BSc  
 J W Chapman BSc, PhD  
 K F Conrad BSc, MSc, PhD  
 D M Cox  
 M B Crockett  
 C H Denholm BSc, MSc, PhD  
 G J Devine BSc, MSc, PhD  
 C Downe<sup>1</sup>  
 K J Gorman  
 P J Gould BSc  
 B S Hackett BA  
 M J Hall  
 R Harrington BSc, PhD, DIC, ARCS  
 A J Haughton BSc, PhD  
 R Holdgate  
 S L Horne  
 L A Hughes<sup>1</sup>  
 J A Hutcheon  
 N Javed  
 T C Kruger  
 S J Lovell<sup>1</sup>  
 H D Loxdale BSc, CBiol, MIBiol, DPhil  
 C MacDonald BSc, PhD  
 N S Mason  
 A Moore<sup>1</sup>  
 S J Parker  
 J N Perry BSc, MSc, DSc *Visiting Professor in Biometry at the University of Greenwich*  
 H P Rowcliffe<sup>1</sup>  
 C R Shortall<sup>2</sup>  
 M P Skellern  
 A D Smith BSc  
 E T Smith  
 M S Taylor BTech  
 N E Teague  
 J W Waters  
 T West  
 C W Wiltshire<sup>1</sup> FRES  
 I P Woiwod BSc, ARCS  
 S A Wright

#### **Insect Behaviour**

**W Powell BSc, PhD** *Visiting Professor at the University of Plymouth*  
 J E Ashby  
 B V Ball BSc, CBiol, MIBiol  
 J C Baverstock BSc  
 C Birchall  
 J M Campbell<sup>1</sup> BSc  
 N L Carreck BSc, CBiol, MIBiol, NDB  
 A J Clark  
 M Collins  
 S Cook BSc, MSc, PhD

I Emelianov<sup>2</sup> PhD  
 A W Ferguson BA  
 S P Foster BSc, PhD  
 D Frearson BSc, MSc  
 S Hodge<sup>1</sup> BSc, MSc, PhD  
 A P Martin BSc  
 H J Martin  
 J L Osborne BA, PhD  
 J K Pell BSc, PhD, DIC  
 R W Piper<sup>2</sup> BSc, PhD  
 R Potting<sup>1</sup> MSc, PhD  
 A V Reed<sup>2</sup>  
 T H Schuler DiplIng (FH), MSc, PhD  
 P A Shah BSc, MSc, PhD, DIC  
 A L Stevenson BA  
 M T Torrance BSc  
 J H Walker  
 N Watts BTech  
 I H Williams BSc, PhD *Professor at the Estonian University of Agricultural Science*  
 J K Wilson<sup>1</sup>  
 J F Wren<sup>1</sup>

#### **Plant Population Biology and Genetics**

**A Karp BSc, PhD** *Research Fellow\**  
 C Aldam<sup>1</sup> BSc, MRes  
 C Bayon de la Fuente BSc  
 L R Benjamin BSc, PhD  
 K J Berry BSc, MSc  
 R R Coker<sup>1</sup>  
 J W Cussans BSc  
 K J Dawson BSc, PhD  
 S E Freeman  
 S Hanley BSc  
 J C Harris<sup>1</sup>  
 S L Harris<sup>1</sup>  
 Z S Hughes BSc  
 R I Hull BSc  
 T Hunter<sup>1</sup> CBiol, MIBiol  
 D E Johnson BSc, MSc, PhD *Principal Scientist, NRI (attached)*  
 J M Lewis<sup>1</sup>  
 K Lindegaard<sup>1</sup> BSc, MSc  
 P J Lutman BSc, PhD  
 J A Mayes BSc, MSc, PhD  
 S R Moss BSc, PhD  
 L G Peacock<sup>1</sup> BSc, PhD  
 M H Pei MSc, PhD *Research Associate\**  
 S A M Perryman BSc, MSc, PhD  
 N C B Peters<sup>1</sup> BSc, PhD *Research Associate\**  
 A B Riche BSc  
 C Riches BSc, MSc, PhD *Research*

*Association\*, Principal Scientist, NRI (attached)*  
 M D C Ruiz-Martinez BA  
 I F Shield BSc, PhD  
 J Storkey BSc, MSc, PhD  
 P J Terry<sup>1</sup>  
 S Trybush PhD  
 N M Western  
 G M White<sup>2</sup> BSc, PhD  
 K J Wright<sup>1</sup> BSc  
 N E Yates BSc

#### *Rothamsted Senior Fellows*

Dr J Brookfield  
 Professor M Crawley  
 Professor J Riley BSc, MSc  
 Professor H F van Emden

#### *Lawes Trust Senior Fellow*

Dr T Lewis CBE, BSc, MA, DSc, CBiol, FIBiol

#### *Visiting Fellows*

A I Campbell MSc, PhD, NDH, MIHort  
 J C Caseley BSc, PhD, MIBiol  
 T A Smith BSc, PhD, DSc, MIBiol  
 K G Stott BSc, MIFor

#### *Rothamsted International Fellow*

S Ekesi BSc, PhD (Nigeria)

#### *Visiting Scientists*

F Abdullah (Malaysia)  
 C Agbogba (Senegal)  
 J A Aleman-Martinez (Cuba)  
 D Baker (Australia)  
 J Bell  
 K-H Cho (South Korea)  
 D Dorman  
 D Epstein  
 Y Nakashima (Japan)  
 D Philippou (Cyprus)  
 A M Riley  
 H Roy

#### *Postgraduate Students*

J Anstead  
 C G Armsworth  
 H Barari  
 J E Barker  
 J D Blande  
 A C Brown  
 E Cant  
 I Eleftherianos  
 H El-Kady

A W Guzman Franco  
R Marshall  
M Pareja  
C Sanders  
T Santillan-Galicia  
S Shepherd  
A Sommer  
D J Warner  
J Willis

*Sandwich Course Students*  
T K Baldwin (Bath)  
L A Clark (Bath)

### Centre for Aquatic Plant Management (CAPM)

Broadmoor Lane  
Sonning-on-Thames  
Reading RG4 6TH

**J R Newman BSc PhD, CBiol, MIBiol, MCWEM, MRPPA (Aquatics)**, *Research Associate\**,  
*University of Reading*

*Secretary:* V Newman  
J F Ankerson<sup>2</sup>  
L C Boman<sup>2</sup>  
B A Caswell<sup>2</sup> BSc, MSc  
S L Clarke BSc  
N J Grieve BSc  
P Kaur<sup>2</sup> BSc, MSc, MPhil, PhD

*Experimental Husbandry*

### **J V G Donaldson<sup>1</sup>**

S D Dixon<sup>1</sup>  
L P Berry<sup>1</sup>  
J Hughes BEng  
A R Hughes<sup>1</sup>  
S E Tucker<sup>1</sup>  
M B Wilson<sup>1</sup>

### PLANT-PATHOGEN INTERACTIONS DIVISION

*Head of Division*

### **J A Lucas BSc, PhD, CBiol, FIBiol**

*Special Professor of Molecular Plant Pathology, University of Nottingham, Senior Research Fellow\**

*Personal Assistant:* S A Murdoch  
*Sp. Typist:* J A Gray

*Deputy Head of Division*

### **M J Adams BA, MSc, PhD, DIC**

*Honorary Professor, Zhejiang Academy of Agricultural Sciences, Hangzhou, China*

### Pathogen Population Biology and Disease Management

#### **J A Lucas BSc, PhD, CBiol, FIBiol**

C Bock<sup>1</sup> BSc, MSc, PhD  
J Butters<sup>1</sup> MSc  
H J Cools BSc, PhD  
L Davey BSc  
N Evans BSc, PhD  
B D L Fitt MA, PhD, DIC, *Special Lecturer in the School of Biology, University of Nottingham; Honorary Professor, Anhui Academy of Agricultural Sciences, China*  
S J Foster BSc, PhD  
B Fraaije PhD  
D F Henman BSc, PhD  
Y Huang<sup>2</sup> BSc, MSc, PhD  
A O Latunde-Dada BSc, PhD  
H A McCartney BSc, PhD, MInstP, CPhys, FRMetSoc *Honorary Professor, Anhui Academy of Agricultural Sciences, China*  
N I Nashaat BSc, PhD  
S R Piper<sup>2</sup> BSc  
N Siviter  
J M Steed BSc  
J A Townsend BSc  
J S West BSc, PhD  
B White

*Bio-imaging Unit*

#### **P Jones BSc**

R Carzaniga BSc, PhD  
B J Devonshire  
K Halsey BSc  
A N Holton  
R J O'Connell<sup>1</sup> BSc, PhD *Research Associate\**

### Wheat Pathogenesis

#### **K E Hammond-Kosack<sup>1</sup> BSc, PhD**

M J Adams BA, MSc, PhD, DIC  
J F Antoniw BSc, PhD  
G L Bateman BSc, PhD  
P Bowyer BSc, PhD  
W A J M Dawson<sup>1</sup> BSc, MSc, PhD  
V J Evans<sup>1</sup> BSc  
R J Gutteridge BSc  
J A Hargreaves<sup>1</sup> BSc, PhD *Research Fellow\**  
S C Jenkinson  
K Kanyuka BSc, MSc, PhD  
J P R Keon BSc, MSc *Research Associate\**  
D J Lovell

J Motteram BSc  
W Skinner<sup>1</sup>  
A Tymon BSc, MSc, PhD  
M Urban<sup>2</sup> PhD  
E Ward BA, PhD

### Nematode Interactions Unit

#### **B R Kerry<sup>4</sup> BSc, PhD**

S D Atkins BSc, PhD  
A D Barker BSc  
H L Cabrera PhD  
C M Cochrane  
S Costa<sup>2</sup> BSc, MSc  
R H C Curtis BSc, PhD  
K G Davies BSc, PhD, MIBiol  
K Evans BSc, PhD *Honorary Professor at the University of Coimbra*  
P A Gray BSc  
H Kalisz BSc  
H Jacobs<sup>2</sup> BSc, PhD  
M D Mallott<sup>2</sup> BSc, MSc  
R H Manzanilla Lopez<sup>2</sup> BSc PhD  
C O Morton BSc  
J A Rowe  
M D Russell  
A D Warry<sup>1</sup> BSc

### Soil Microbiology

#### **P R Hirsch BSc, PhD**

I M Clark BSc

*Lawes Trust Visiting Senior Fellow*

C H Opperman BSc, PhD

*Rothamsted Senior Fellows:*

Dr D Bird  
Dr C Caten  
Dr F M Dewey  
Professor C Godfray  
Dr S J Gurr

*Lawes Trust Senior Fellow*

Professor R T Plumb CBiol, FIBiol, FRGS

*Honorary Scientists*

G V Dyke MA  
D Hornby BSc, PhD, DSc  
J F Jenkyn BSc, PhD  
R N Perry, BSc, PhD  
J Waller BSc, PhD  
R D Woods

*Rothamsted International Fellows*

A Gulati BSc, PhD (India)  
S-Y Liu BSc, PhD (China)



Q Tahseen BSc PhD (India)

#### Visiting Scientists

R Awasthi (India)

A Borges-Rodrigues (Spain)

C Bravo (Belgium)

I Cid del Prado Vera (Mexico)

B Cullis

Z Karolewski (Poland)

H Kwasna (Poland)

M Lacey

F Parish (Brazil)

K H Singh (India)

C B Smith

S Warokka (Indonesia)

J Yoo (South Korea)

#### Postgraduate Students

K Alhudaib

D Arkell

S Bearchell

G L Biran

A Daudi

M Eckert

L Fennell

J Fountaine

S Gilbert

L Gilliam

I S Grasina Esteves

K Maguire

G McGrann

#### Sandwich Course Students

S M Forde (Nottingham Trent)

P Shelley (Nottingham Trent)

### BUSINESS INFORMATION AND LIAISON DIVISION

#### Head of Division

**S James<sup>4</sup> BSc MSc**

Office Manager: M-L Burnett BSc

Contracts Manager: T L Alger<sup>4</sup> BSc,

MSc

R Hull<sup>2,1</sup>

#### International Liaison and PR

**S M Bolton<sup>4</sup> BSc, PhD**

Media and Liaison E Bartlet BSc, PhD

Secretary: B Vernon

#### Visual Communications Unit

**N Seymour LBIPP**

L M Castle

M Cefai

P C Swatton BA

A J Wallace<sup>1</sup>

Long Ashton Scientific Liaison and Training

H M Anderson<sup>1</sup> BA, SDH, CBiol, MIBiol

Secretary: C P P Cooke<sup>1</sup>

Photographer: K J C Williams<sup>1</sup>

### Library and Information Services

**S E Allsopp<sup>4</sup> BA, ALA, DipLib**

(Institute Librarian)

A M Arnold BSc, DipInfSci

C Fearnhead BSc, ALA, DipInfSci

M E Johnston BA, ALA, DipLib

A R Sykes BA, PGDip, MA

A E Talbot

E I Winning BA, DiplLib

M Harcourt-Williams (Archivist)

Long Ashton Library

**S Dawson BSc MSc (Site Librarian)**

B A Crocker<sup>1</sup>

J M Hill

R J Luft<sup>1</sup>

M A Wade<sup>1</sup>

### Computing Services Group

**G E Harrison<sup>4</sup> BSc (Institute Computing Manager)**

Secretary: M Creighton

N I Castells-Brooke BSc, MSc, PhD

S D Cox

P D Compton

R N LeFevre BSc

P A Havinden

A B Hussain<sup>2</sup>

D V Legg

B P Makwana BSc

I Mattinson BSc

W J Moore BSc

B Morgan

S Patel BSc

Computing Department Long Ashton

Head of Department

**A Johnstone**

P D Moody MIS

M L Truman<sup>1</sup> CBiol, MIBiol

M Wiles<sup>1</sup>

### ARIA

H M Anderson<sup>1</sup> BA, SDH, CBiol, MIBiol

ARIA Co-ordinator: M-L Burnett BSc

ARIA Membership Secretary:

B Vernon

### Rothamsted International

(Developing Countries Activities, including Rothamsted International Consulting Ltd)

Chief Executive: **S James<sup>4</sup> BSc**

**MSc**

Deputy CE: J Mann<sup>4</sup> BSc, MSc, PhD

Administrative support:

M T Orford

K L Harwood

Fund Raising

A Borge<sup>1</sup>

S A G Grand<sup>2</sup>

Volunteers

T Benbow

S Fernandez

K Howe

L Orza

J Wright

### FINANCE, FACILITIES AND HUMAN RESOURCES DIVISION

Head of Division and Institute

Secretary: **P S Thomas<sup>4</sup> FCA**

Assistant Secretary: **M J Truelove<sup>1</sup>**

**FCA**

Secretary: C Gray<sup>1</sup>

#### Finance

**A J Allan<sup>4</sup> BSc (Financial Accountant)**

**T O Pocock<sup>4</sup> MA, PhD (Institute**

Admin Computing Manager)

**N C Skinner<sup>4</sup> MBA (Management**

Accountant)

C E Cole

A G B Crombie

S C Cunningham

P D Johnston<sup>1</sup>

H L Jones<sup>1</sup>

J C Lysaght

L McGrath

E R Marshall<sup>2</sup>

C J Ridgewell

S J Rolt

C J O Winfield

P A Wiseman

B H Wright<sup>2</sup>

### Human Resources

Head of Human Resources: **A Jowett<sup>4</sup>**

Rothamsted HR Manager:

**J M Heggie**

S H Brooker

J Clark

A M Hurd<sup>2</sup>

S J Laidler

E L J Wallsgrove

### Purchasing Management

**R W M Lilley<sup>4</sup>** (Institute Purchasing Manager)

R J Barlow

S J Flay

M R Hylands

A-M McCann

K Sharma

R D Wiltshire

### Conference, Restaurant, Accommodation and Properties

Rothamsted Manor Ltd

**K B Bowen, General Manager**

Rothamsted Manor

M Grundy<sup>1</sup>

M D Hanley<sup>1</sup>

J A Haynes<sup>2</sup>

G A Healy

G Hughes<sup>2</sup>

A Major

L C Pollock

S Seaborn

K S Shields<sup>2</sup>

J A Watson

Rothamsted Conference Centre

O A Abere

Y A Anderson<sup>1</sup>

R A Arnold<sup>1</sup>

H M Cartmell<sup>2,1</sup>

A Fensom

N Graham<sup>2</sup>

S A McKeegan<sup>2</sup>

C V Minall<sup>1</sup>

S J Morrison<sup>2</sup>

C O'Keefe<sup>2</sup>

R H Woodford-Smith<sup>2,1</sup>

M A Woollard

### Safety

**C P Brookes<sup>4</sup>**

Secretary: J M Tuck

Visiting Workers

R Atkin

R H Clarke

A King

P Loveland

J H Stevenson

### Long Ashton Finance, Facilities and Human Resources

Head of Finance and Administration:

**J M de Borde FCMA**

Secretary: C M Scott

Finance

D K Davis

L E Hartley

A C Hendrick MAAT

R C G Willis

G A Wilton<sup>1</sup>

Human Resources

**F M Cowles Grad IPD**

J F Holmes

L J Roome

Safety

L R Saker BSc (Long Ashton Radiation Protection Supervisor – HS)

Post and Telephones

P Harris<sup>1</sup>

V E Johnson

Purchasing and Stores

W B Johnson

Refectory

J E Blakeway

J Y Rogers<sup>1</sup>

G H Schafer

Cleaners

C S Ambrose

S D Cherrington

B D Cheshire

C A Collins<sup>1</sup>

M K Cook<sup>1</sup>

J A Gray<sup>1</sup>

M Hughes<sup>1</sup>

N Jarvis<sup>1</sup>

M W Lewis

E J Sandford

### Facilities Department

Institute Engineer

**M J Hadlow<sup>4</sup> BSc**

### Rothamsted Facilities

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

Station Engineer: **K Law I Eng MIEE,**

**AMCIBSE**

Admin: P M Evans  
S Leaper<sup>1</sup>

Building Services

**M Mooring** (Building Supervisor)

T R Chalkley

T F Dimmock<sup>2</sup>

T J Hucklesby

K A Rowe<sup>2,1</sup>

Security

**N B Maud** (Security Supervisor)

M W Brown

S Harvey

B P Haward

P J Hughes

Technical Support Services

**A J Flay** (Technical Support Services Manager)

M C Byrne

A J Fox

R Garnett

**A G Hobbs** (Development Supervisor)

D Hardwick

R Horsler

N Maher

**T D Edwards** (Electrical and Mechanical Services Supervisor)

B J Newins (Vehicle Technician)

D G Reader

G J Wright

**R L Humphreys** (Refrigeration/CE Supervisor)

R W French

R Greener

Post and Telephones

E Godfrey

P E M Hanson<sup>2</sup>

P M Hull

W V McGrath<sup>2</sup>

C A Weston

*Site Redevelopment Project*

**R J Taberer, MI Plant E** (*Projects Engineer*)  
R J Mahoney (*Clerk of Works*)

*New Laboratory Project*

**S Takla BSc, BArch, MSc, RIBA** (*Project Manager*)  
C van de Putten MSc (*Assistant Project Manager*)  
Admin Support: K L Morris

**Long Ashton Facilities**

Head: **M R E Williams**  
Deputy: S C King FSc,  
CEng, MIEE  
Office Administrator:  
L C Lasseter<sup>1</sup>

*Building*

R M Jones<sup>1</sup>  
C R Lloyd

*Electrical Engineering*

**C J King**<sup>1</sup>

*Mechanical Engineering*

D W Newman  
P J Arnel<sup>1</sup>

*Instruments*

**R S Cole**<sup>1</sup> **IEng (CEI), MIMechE**

*Electronics*

**B Kelly**<sup>1</sup>  
R Hill<sup>1</sup>

*Controlled Environment*

**P R Turner**<sup>1</sup>

*Transport*

**K Rudd**<sup>1</sup>  
M A Ward<sup>1</sup>

**FARMS**

Head of Farms: **C G Peters, BSc**  
Secretary: A E Talbot

*Quality Assurance*

P A Cundill  
D P Yeoman BSc

*Rothamsted Farm*

**G N Talbot**  
M O Gardner  
M W Egginton<sup>1</sup>  
C J Hall  
T Hall  
M N Rogers  
K L Sykes BSc  
P J Tuck

*Farm workers*

F D Ledbury

*Woburn Farm*

**A M Hunt**  
T J H Battams  
P M Pope

**HORTICULTURAL AND CONTROLLED ENVIRONMENT**

*Head of Department*

**J Franklin BSc**

*Personal Assistant:* D P Dawkins

*Controlled Environments*

**I Pearman BSc**

R J Burningham<sup>1</sup>  
L J Dawson  
A S Griffin  
R G Parkinson

*Glasshouses*

**A J Callewaert**

F Gilzean  
S C Harvey BA  
A W Jones  
J A Maple  
K Plumb HNC  
M Preston

*Grounds*

**W W Bothwell**

E J Blackie  
K M Cole<sup>2</sup>  
M G Picton  
K E Rydlewski

*Manor Gardens – Volunteer*

H Oliver

**Long Ashton**

**MSc Course in Crop Protection**

**N J Pinfield BSc, PhD** *Senior Lecturer, Biology Department (Course Director)*

*Intake Students 2001/2002*

L Ashby  
R Collins  
O Domfeh  
F Gonzalez Arizmendi  
J Melichar  
H Pinfield-Wells  
C Poulter  
B Swale  
C Wright  
M-L Yap

<sup>1</sup> Left during 2002/2003

<sup>2</sup> Appointed during 2002/2003

<sup>3</sup> Deceased

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

\* Academic status at Bristol University