

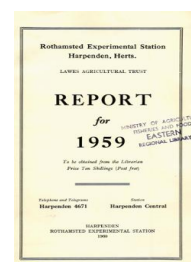
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Report for 1959

[Full Table of Content](#)



Rothamsted Experimental Station; Soil Survey of England and Wales; Woburn Experimental Station , Dunholme Field Station and Agricultural Research Council Unit of Plant Morphogenesis and Nutrition and the Commonwealth Bureau of Soils Staff List

Rothamsted Research

Rothamsted Research (1960) *Rothamsted Experimental Station; Soil Survey of England and Wales; Woburn Experimental Station , Dunholme Field Station and Agricultural Research Council Unit of Plant Morphogenesis and Nutrition and the Commonwealth Bureau of Soils Staff List ; Report For 1959*, pp 6 - 20 - DOI: <https://doi.org/10.23637/ERADOC-1-92>

Rothamsted Experimental Station

LIST OF STAFF

DECEMBER 1959

Director: F. C. BAWDEN, M.A.(Cantab.), F.R.S.

Deputy Directors:

A. MUIR, PH.D.(Edin.)

F. YATES, Sc.D.(Cantab.), F.R.S.

Secretary: J. B. BENNETT, F.C.A.

PHYSICS DEPARTMENT

Head of Department

H. L. PENMAN, M.Sc., PH.D.(Dunelm.), F.INST.P.

Scientific Staff

G. H. CASHEN, M.Sc.(Manc.)

J. A. CURRIE, PH.D.(Dunelm.)

I. F. LONG

J. L. MONTEITH, B.Sc.(Edin.), PH.D.(Lond.), A.INST.P.

G. SZEICZ, DIP.MET.(Budapest)

Temporary Workers

D. A. RIJKS, IR.AGRIC.SCI.(Wageningen), M.Sc.(California)

D. A. ROSE, B.Sc.(Lond.)

Assistant Staff

A. T. DAY, B. K. FRENCH, W. C. GAME, MRS. JENNIFER
LARGE, JESSIE A. J. WALKER

CHEMISTRY DEPARTMENT

Head of Department

G. W. COOKE, PH.D.(Lond.), F.R.I.C.

Scientific Staff

P. W. ARNOLD, M.A.(Cantab.), B.Sc.(Wales), PH.D.(Lond.),
A.R.I.C.

BLANCHE BENZIAN, B.Sc.(Lond.)

MARIE BLAKEMORE, B.Sc.(Lond.)

BARBARA M. CLOSE, B.Sc.(Manc.), DIP.HORT.SCI.(Bristol)

J. M. D'ARIFAT, B.Sc.(Wales)

M. ST. J. FOALE

J. K. R. GASSER, B.Sc.(Nott.), M.Sc.(Lond.), A.R.I.C.

SIGNE G. HEINTZE, M.PHIL.(Stockholm)

D. S. JENKINSON, PH.D.(Dublin)

A. E. JOHNSTON, B.Sc.(Wales)

G. E. G. MATTINGLY, PH.D.(Reading)

A. C. D. NEWMAN, D.PHIL.(Oxon.)
T. Z. NOWAKOWSKI, ING.AGR.(Poznan), PH.D.(Reading)
IRMGARD K. H. OTTER, PH.D.(Graz)
A. PENNY, B.Sc.(AGRIC.)(Aberd.)
H. A. SMITH
O. TALIBUDEEN, M.Sc.(Lucknow), PH.D.(Lond.)
R. G. WARREN, B.Sc.(Lond.)
F. V. WIDDOWSON, B.Sc.(AGRIC.)(Reading)
R. J. B. WILLIAMS, B.Sc.(Lond.)

Temporary Workers

M. BIRECKI, DR.AGR.Sc.(Warsaw)
R. G. HEATHCOTE, B.Sc.(Wales)
L. V. VAIDYANATHAN, B.Sc.(Madras)

Assistant Staff

R. J. AVERY, E. BIRD, MARGARET CHATER, D. H. CLARKE,
MARGARET A. COLE, B. J. COOPER, J. P. COWLAND, NELLIE
CRESSEY, C. G. DAVIES, J. DAY, J. E. DOUSE, R. C. FLINT,
S. C. R. FREEMAN, KATHERINE GRAHAM, J. HART, M. V.
HEWITT, VIRGINIA HOFTON, D. J. LAING, J. M. LAURENT,
T. W. MACCORMACK, BRENDA MESSER, MRS. JOYCE W.
MUNDEN, D. E. PACKER, JEAN PRIME, GWENDOLINE A.
ROBERTS, M. ROBERTS, MRS. STELLA ROBERTS, F. J.
SEABROOK, MRS. YVONNE TAYLOR, MRS. JOAN F. WEBSTER,
J. R. WILKINSON, J. M. WRAY

PEDOLOGY DEPARTMENT

Head of Department

A. MUIR, PH.D.(Edin.)

Scientific Staff

C. BLOOMFIELD, PH.D.(Lond.), F.R.I.C.
G. BROWN, B.Sc.(Glas.)
SALLY BURNETT, C.D.H.(Studley)
G. DIBLEY
R. GREENE-KELLY, PH.D.(Lond.)
D. N. GREET, B.Sc.(Lond.)
J. H. RAYNER, D.PHIL.(Oxon.)
I. STEPHEN, B.Sc.(St. And.), PH.D.(Lond.)
A. H. WEIR, B.A.(Cantab.)

Temporary Workers

A. K. HELMY, PH.D.(Alexandria)
SIEW KEE NG, B.Sc.(Dunelm.)
C. B. WELLS, M.Ag.Sc.(Adelaide)

Assistant Staff

JEAN A. ASHTON, R. FARROW, MRS. CAROLINE J. FRYD,
R. C. GALLAVAN, SUSAN HEADY, J. B. MCGARRY, B. E.
ROBINSON

TROPICAL SOILS ADVISER

H. GREENE, D.Sc.(St. And.)

Secretary: MRS. DOROTHY M. SUTTON

SOIL MICROBIOLOGY DEPARTMENT

Head of Department

P. S. NUTMAN, PH.D.(Lond.), A.R.C.S.

Scientific Staff

MARGARET E. BROWN, PH.D.(Lond.)

SUSAN K. BURLINGHAM, B.Sc.(Lond.)

R. COOPER, B.A.(Oxon.)

R. M. JACKSON, PH.D.(Lond.)

MRS. JANINA KLECZKOWSKA, PH.D.(Cracow), PH.D.(Lond.)

JANE MEIKLEJOHN, PH.D.(St. And.)

F. A. SKINNER, M.A.(Cantab.), PH.D.(Lond.)

T. I. STEENSON, B.Sc.(AGRIC.)(New Zealand)

N. WALKER, PH.D.(Leeds), F.R.I.C.

Temporary Workers

B. M. GUPTA, B.Sc.(AGRIC.)(Alld.), PH.D.(Pittsburgh)

GLORIA LIM, M.Sc.(Malaya), DIP.ED.(Malaya)

Assistant Staff

JANET AULD, J. M. BROOKS, JOAN CRAWLEY, MRS.

DOBRILA DELIC, MABEL DUNKLEY, MRS. ANN HOOPER,

MARION SANDERS

BOTANY DEPARTMENT

Head of Department

D. J. WATSON, PH.D.(Cantab.)

Scientific Staff

S. A. W. FRENCH

E. C. HUMPHRIES, D.Sc.(Lond.)

B. ORCHARD, B.Sc.(Sheffield), PH.D.(Lond.)

GILLIAN N. THORNE, B.A.(Cantab.), PH.D.(Lond.)

JOAN M. THURSTON, B.Sc.(Lond.)

P. J. WELBANK, PH.D.(Cantab.)

A. W. WHEELER, PH.D.(Lond.)

K. J. WITTS, B.Sc.(Wales)

Temporary Worker

G. J. LEACH, B.Sc.(Reading)

Assistant Staff

PAMELA B. ASH, ROSE BOWRY, AUDREY F. EVANS, M. E.

HAMILTON, CARYL M. HENRY, A. R. C. HILL, M. G.

MATHEWS, HEATHER PELLANT

BIOCHEMISTRY DEPARTMENT

Head of Department

N. W. PIRIE, M.A.(Cantab.), F.R.S.

Scientific Staff

MARJORIE BYERS, B.Sc.(Bristol), A.R.I.C.
A. J. CLARKE, B.Sc.(Glas.), Ph.D.(Lond.)
M. N. G. DAVYS
G. N. FESTENSTEIN, M.Sc.(S. Africa), Ph.D.(Liv.)
J. M. HILL
MARGARET HOLDEN, B.Sc.(Lond.)
G. JENKINS, B.Sc.(AGRIC.)(Wales), D.T.A.(Trin.)
R. H. KENTEN, B.Sc.(Lond.)
P. J. G. MANN, B.Sc.(Birm.), Ph.D.(Cantab.)
J. E. MORRISON, B.Sc.(Aberd.)
W. S. PIERPOINT, Ph.D.(Sheffield)
N. SINGH, B.Sc.(Ag.), M.Sc.(Agra)

Assistant Staff

JANET BATES, P. DAVIES, J. R. DOWN, A. R. FODDERING,
C. C. HITCH, CHRISTINE POOLE, J. R. ROGERS

PLANT PATHOLOGY DEPARTMENT

Head of Department

P. H. GREGORY, D.Sc.(Lond.)

Scientific Staff

MAUREEN E. BUNCE
E. W. BUXTON, Ph.D.(Cantab.)
JUDITH COX, B.Sc.(Bristol)
LINA CUNOW
A. J. GIBBS, B.Sc.(Lond.), A.R.C.S.
MARY D. GLYNNE, D.Sc.(Wales)
B. D. HARRISON, B.Sc.(Reading), Ph.D.(Lond.)
G. D. HEATHCOTE, Ph.D.(Lond.)
J. M. HIRST, D.S.C., B.Sc.(Reading), Ph.D.(Lond.)
B. KASSANIS, D.Sc.(Lond.)
G. H. KING, N.D.H.
A. KLECZKOWSKI, M.D.(Cracow), Ph.D.(Lond.)
D. H. LAPWOOD, Ph.D.(Lond.), A.R.C.S., D.I.C.
I. MACFARLANE, B.Sc.(Glas.), Ph.D.(Lond.)
H. L. NIXON, M.A.(Cantab.)
G. A. SALT, M.A.(Oxon.), Ph.D.(Lond.)
R. C. SINHA, M.Sc.(Lucknow)
D. B. SLOPE
O. J. STEDMAN
MRS. MARION A. WATSON, Ph.D.(Liv.)
R. D. WOODS

Temporary Workers

H. F. DIAS, ENG.AGRON.(Lisbon)
A. C. HASTIE, B.Sc.(Glas.)

J. LACEY, B.Sc.(Reading)
M. A. RAM REDDY, M.Sc.(Osmania)
R. D. TINLINE, B.A.(Sask.), Ph.D.(Wisconsin)

Assistant Staff

BEATRICE E. ALLARD, R. GARRETT, MARGARET GOODSON,
D. R. HENDEN, JUDITH HILLIER, G. E. HOOPER, MRS.
ELIZABETH A. LENNON, MRS. NANETTE LLOYD, R. L.
MANNING, MRS. MARY R. MITCHELL, MRS. ADRIANA
PFLUG, D. ROBERTS, A. ROLPH, MARIE T. SEABROOK,
MAUREEN THOMSON, VALERIE WARD, A. A. WELCH

NEMATOTOLOGY DEPARTMENT

Head of Department

F. G. W. JONES, M.A.(Cantab.)

Scientific Staff

C. C. DONCASTER, B.Sc.(Wales)
A. RAE FORSTER, DIP.HORT.(Nott.)
MARY T. FRANKLIN, Ph.D.(Lond.)
J. B. GOODEY, Ph.D.(Lond.)
J. J. HESLING, B.Sc.(Lond.), A.R.C.S.
D. J. HOOPER
PATRICIA M. NELSON, B.Sc.(Nott.)
J. E. PEACHEY, Ph.D.(Dunelm)
AUDREY M. SHEPHERD, Ph.D.(Lond.)
H. R. WALLACE, Ph.D.(Liv.)
R. D. WINSLOW, B.AGR.(Belfast), Ph.D.(Cantab.)

Temporary Workers

W. C. CLARK, M.Sc.(New Zealand)
L. R. KRUSBERG, B.Sc.(Delaware), Ph.D.(N. Carolina)

Assistant Staff

ANNE Y. BALDWIN, MARGARET R. CHAPMAN, MRS. JANET
A. COWLAND, SYBIL A. COX, M. A. GULLIVER, MRS.
VALERIE H. MEATON, CAROLE A. PIGGOTT, ANN M. SEA-
BROOK, MRS. MOLLY SPEARS, MONICA M. WALLER, B. J.
WAREHAM

INSECTICIDES AND FUNGICIDES DEPARTMENT

Head of Department

C. POTTER, D.Sc.(Lond.), D.I.C.

Scientific Staff

R. BARDNER, B.Sc.(Lond.)
P. E. BURT, B.A.(Cantab.)
T. DOHERTY, B.Sc.(Reading)
M. ELLIOTT, Ph.D.(Lond.)
MRS. EILEEN M. GILLHAM, B.Sc.(Hort.)(Lond.)
JEAN HOLLAND
K. A. JEFFS

11

GERTRUD KRUGGEL, B.Sc.(Lond.)
F. T. LAST, Ph.D.(Lond.), D.I.C., A.R.C.S.
K. A. LORD, M.A.(Cantab.), Ph.D.(Lond.), A.R.I.C.
A. H. McINTOSH, B.Sc.(Edin.), Ph.D.(Lond.), A.R.I.C.
FRANCES M. E. MOLLOY, Ph.D.(Lond.)
P. H. NEEDHAM, B.Sc.(Manc.)
MRS. EVELYN M. PIALI, B.Sc.(Lond.)
R. M. SAWICKI, Ph.D.(Lond.)
S. R. B. SOLLY, B.Sc.(Lond.), A.R.I.C.
M. J. WAY, M.A.(Cantab.)

Temporary Workers

J. REY, LIC.EN FARM.(Madrid)
TALIP ODEN, B.S.(Ankara)

Assistant Staff

A. J. ARNOLD, MRS. PAMELA A. ASHTON, BEATRICE A.
BUNTING, MARY E. DUTCH, P. ETHERIDGE, AUDREY
GATHERGOOD, R. E. GOODCHILD, ANGELA HARRIS, VALERIE
J. HASKING, MARGARET McDERMOTT, PATRICIA NEWSON,
CLARA SCHELWALD, DOREEN THORNETT

ENTOMOLOGY DEPARTMENT

Head of Department

K. MELLANBY, C.B.E., Sc.D.(Cantab.)

Scientific Staff

MARGARET K. ARNOLD, B.Sc.(Sheffield)
C. J. BANKS, Ph.D.(Lond.)
H. F. BARNES, M.A.(Oxon.), Ph.D.(Lond.)
A. J. COCKBAIN, B.Sc.(Manc.)
R. A. FRENCH, B.Sc.(Lond.)
G. W. HEATH, B.Sc.(AGRIC.)(Dunelm.), Ph.D.(Lond.)
C. G. JOHNSON, D.Sc.(Lond.)
J. R. LOFTY
D. B. LONG, M.A.(Cantab.), Ph.D.(Lond.)
F. RAW, Ph.D.(Lond.)
J. W. STEPHENSON, M.Sc.(Lond.)
L. R. TAYLOR, B.Sc.(Lond.)

Temporary Workers

FRANCES M. BULL, B.A.(Cantab.)
D. CALNAIDO, B.Sc.(Ceylon)
B. M. GERARD, B.Sc.(Lond.), A.R.C.S.
D. S. MADGE, B.Sc.(Sheffield)
JOAN RICHES, B.Sc.(HORT.)(Lond.)
W. S. TALLACK, B.Sc.(Sheffield)

Assistant Staff

JOSEPHINE BURROWS, CATHERINE BYFORD, C. I. CARTER,
JACQUELINE DAVIES, MAUREEN DUPUCH, P. L. FISHER,

MRS. VALERIA A. G. FISHER, ANNE G. GRAY, J. E. HUDSON, I. J. MOORE, R. J. PENROSE, R. E. PFLUG, F. G. SMITH

BEE DEPARTMENT

Head of Department

C. G. BUTLER, PH.D.(Cantab.)

Scientific Staff

L. BAILEY, M.A.(Cantab), PH.D.(Lond.)

ELAINE M. FAIREY, B.Sc.(Lond.)

J. B. FREE, M.A.(Cantab.), PH.D.(Lond.)

D. C. LEE, B.Sc.(Bristol)

INGE B. M. RIEDEL, B.Sc.(Lond.)

J. SIMPSON, M.A.(Cantab.), PH.D.(Lond.)

H. YVETTE SPENCER-BOOTH, B.A.(Cantab.), B.Sc.(S. Africa)

Temporary Worker

S. C. JAY, B.A.(McMaster), B.S.A.(Manitoba), M.S.A. (Toronto)

Assistant Staff

D. V. ALFORD, N. E. ELLEMENT, A. R. W. GRIFFIN, N.D.B.,
EILEEN M. MACROW, MRS. MAEVE SLOGGETT, C. SMITH,
W. A. STEVENS, R. I. STEWART, P. W. TOMKINS, R. A. WELCH

STATISTICS DEPARTMENT

Head of Department

F. YATES, Sc.D.(Cantab.), F.R.S.

Scientific Staff

G. W. BONSALE, B.A.(Oxon.)

D. A. BOYD, PH.D.(Lond.)

B. M. CHURCH, B.Sc.(Lond.)

MURIEL E. DAVIS, B.Sc.(Wales)

J. H. A. DUNWOODY, B.A.(Oxon.)

C. W. FEARNE

J. C. GOWER, M.A.(Cantab.)

M. J. R. HEALY, B.A.(Cantab.)

MARY G. HILLS, B.A.(Cantab.)

D. J. KNIGHT

F. B. LEECH, B.AGR.(Belfast), M.R.C.V.S.

W. J. LESSELLS, B.Sc.(Econ.)(Nott.)

MRS. MARJORY G. MORRIS, PH.D.(St. And.)

H. D. PATTERSON, M.Sc.(Leeds)

D. H. REES, B.Sc.(Lond.)

MRS. EMILY P. SIMPSON, B.A.(Oxon.)

H. R. SIMPSON, M.A.(Cantab.)

BERYL TURNER, B.Sc.(Lond.)

A. J. VERNON, B.Sc.(AGRIC.)(Reading)

Temporary Worker

S. F. BUCK, B.Sc.(Lond.)

Assistant Staff

RUTH T. HUNT (Secretary)
MRS. BETTY E. ARTISS, JOSEPHINE M. ATKINSON, MRS.
PEGGY BAXENDALE, MRS. EDITH E. CHALLENGER, MRS.
BARBARA M. CLIFTON, MRS. DORIS A. COURT, ROSEMARY
E. CUMMING, A. G. DAVIES, MRS. WINIFRED L. DAWSON,
EVELYN M. HAWKINS, CONSTANCE HUNT, MRS. ETHEL
JENKINS, MRS. ENA M. NICHOLLS, MRS. SHEILA O'REILLY,
MRS. DOROTHY G. PALK, MARY D. RAINBOW, MRS.
VERONA A. ROBERTS, MRS. STELLA SHADBOLT, BETTY
SPARKES, MRS. FRED A. WALKER, MRS. MARGARET P.
WHITTINGHAM

FIELD EXPERIMENTS SECTION

Head of Section

G. V. DYKE, M.A.(Oxon.)

Staff

H. V. GARNER, O.B.E., M.A.(Cantab.), B.Sc.(Liv.)
M. J. ALLEN
G. F. JARVIS, M.Sc.(Dunelm.)
C. R. L. SCOWEN
MYRTLE HUGHES (Clerical Assistant)

Temporary Worker

E. A. WYRLEY-BIRCH, B.Sc.(Oxon.)

STAFF OF FARMS

Head of Farms

J. R. MOFFATT, B.Sc.(AGRIC.)(Lond.), N.D.A.

Deputy Farm Manager

M. J. HILL, B.Sc.(AGRIC.)(Lond.)

Assistant Farm Manager

G. F. COLE

Secretary

BRENDA SIMPSON

Chief Recorder

J. M. BIDGOOD

Recorders

F. B. BROWN
F. V. COOPER, DIP.AGRIC.(Wye)

Bailiff (Woburn)

A. W. NEILL

Foreman (Rothamsted)

W. A. H. BURTON

Farm Workers

T. ABLEWHITE, T. BATTAMS, J. BIRD, V. BOWES, E. BRAUNS, H. S. CHAPMAN, P. W. CURRANT, M. DUNHAM, C. HATHAWAY, A. JENNINGS, P. KEARNEY, H. MILLARD, T. F. NIBLOE, K. PARSONAGE, K. SMITH, C. E. WAGSTAFF, A. H. WALFORD, C. WELBOURNE, W. WILSON

LIBRARY

Librarian

D. H. BOALCH, M.A.(Cantab.)

Assistant Librarian

GERALDINE COWARD

Assistants

SYLVIA MANN, MARY L. NASH

ADMINISTRATIVE AND CLERICAL STAFF

Director's Personal Assistant

MILDRED E. ASHFORD

Assistant Secretary

E. CHURCH, A.A.C.C.A.

Cashier

MRS. OLIVE COLEMAN

Clerical Staff

JACQUELINE F. BATES, MRS. YVONNE BIRD, MRS. MARY K. BOUTWOOD, MRS. JEAN CHAPMAN, MRS. DOROTHY COATES, JENNIFER LAWRENCE, MRS. DORIS PRICE, V. GAIL STEWART

Storekeepers

F. W. ELLINGHAM, B. R. LEDGER

PHOTOGRAPHY

Photographer

V. STANSFIELD, F.R.P.S.

Assistant

F. D. COWLAND

Draughtswoman

ROSEMARY BARNES

HALL OF RESIDENCE AND CANTEEN

Warden and Housekeeper

AUDREY H. BENZIE

Assistant Housekeeper

DOROTHY M. WOOD

Staff

MRS. DOREEN BARTLETT, MRS. GWENDOLINE BERRY, MARIA G. CANDAL, MRS. MONIQUE JANUSZEWICZ, FANNY JENKINSON, MRS. ELSIE LEE, T. LUCKETT, MRS. WINIFRED M. LUCKETT, MRS. FRANCIS M. RUMBELOW, MRS. DAISY RUSSELL, MRS. DORIS TILLEY

MAINTENANCE AND WORKSHOP STAFF

Head of Workshop and Maintenance Staff

A. E. HALL

Staff

W. L. ABBISS, W. G. ABBOTT, G. BERNEYE, C. F. BERRY, L. C. BERRY, T. J. BISHOP, E. J. BURGESS, E. W. DAVIS, B. EDWARDS, G. FAULKNER, S. FOSTER, G. J. FROST, E. OLLEY, R. C. PARROTT, A. W. PRIMETT, W. J. SMITH, D. G. TYLER, D. W. VASS

Cleaners, etc.

MRS. E. BYGRAVE, P. C. CARTER, H. P. CURRANT, H. J. ELLEN, MRS. VIOLET ELLEN, A. B. M. FRANKLIN, MRS. FLORENCE HAMILTON, W. F. HEWITT, S. T. JACKSON, C. E. O'DELL, J. RAINBOW, P. ROLT, F. J. STOCK, H. A. WESTON

Gardeners

L. ALLEN, J. E. BARTLETT, S. C. CRAFT, H. GOODENOUGH, F. HAMILTON, G. F. HANSON, F. IVORY, F. E. PEACOCK

Members of the Scientific Staff who left between January and December 1959

Biochemistry

R. J. STEPHENS, B.Sc.(Hort.)(Reading)
W. A. VINCENT, Ph.D.(Leeds)

Chemistry

J. M. BREMNER, B.Sc.(Glas.), D.Sc.(Lond.)

Dunholme Field Station

C. E. CORNFORD, Ph.D.(Lond.)

Entomology

R. M. DOBSON, M.A.(Cantab.), Ph.D.(Lond.)

Insecticides

J. WARD, B.Sc.(St. And.)

Plant Pathology

T. MULLIGAN, M.Sc.(Dublin)

Soil Microbiology

J. BARFORD, B.Sc.(Lond.)

Soil Survey

G. F. M. MURDOCH, M.A.(Edin.)

Statistics

O. B. CHEDZOY, B.Sc.(Bristol)

S. LIPTON, M.Sc.(Liv.)

MRS. JOAN PARLE, B.A.(Queensland)

EDITH SPETCH, B.Sc.(Lond.)

The following spent varying periods as temporary workers at Rothamsted during 1959:

Australia: R. J. BEST (Plant Pathology and Biochemistry), A. H. GIBSON (Soil Microbiology), J. M. VINCENT (Soil Microbiology); **Belgium:** P. DAGNELIE (Statistics); **Ceylon:** L. A. S. PERERA (Bee); **Finland:** KATRI IKAHEIMO (Plant Pathology); **France:** J. GOURLET (Plant Pathology); **Germany:** E. KLAR (Soil Microbiology); **Ghana:** A. A. BRUNT (Plant Pathology), K. A. HAIZEL (Statistics), J. F. LONGWORTH (Plant Pathology); **India:** S. N. CHAKRAVARTI (Chemistry), S. P. MITRA (Pedology), R. C. SINHA (Plant Pathology); J. S. P. YADAV (Pedology); **Italy:** G. C. CHISCI (Statistics); **Japan:** M. KUSHIZAKI (Chemistry); **New Zealand:** J. N. PARLE (Soil Microbiology); **Nigeria:** B. O. E. AMON (Chemistry), C. M. H. ATKINS (Field Experiments), K. M. HARRIS (Entomology), C. L. M. VAN EIJNATTEN (Statistics); **Phillipines:** R. B. VALDEZ (Nematology and Plant Pathology); **Poland:** K. MICZYNSKI (Plant Pathology), MRS. WACLAWA D. POTAPCZYK (Botany); **South Africa:** H. D. BROWN (Entomology); **Spain:** P. ARAMBARRI (Chemistry), J. GARCIA-ALAMAN (Field Experiments); **Tanganyika:** J. W. VAIL (Pedology); **U.S.A.:** C. O. BERG (Entomology), F. A. BROOKS (Physics), B. S. MILLER (Entomology), M. SALOMON (Chemistry); **U.S.S.R.:** G. F. NAUMOV (Field Experiments), B. PLESHKOV (Chemistry), Y. A. RUSKO (Pedology); **British Isles:** P. BABOS (Plant Pathology), JANE BALSHAW (Nematology), W. B. BANAGE (Nematology), R. G. H. BUNCE (Plant Pathology), R. T. BURCHILL (Plant Pathology), SHEILA G. CAMERON (Biochemistry), HILARY R. CARR (Botany), C. CATEN (Plant Pathology), R. T. CLARKE (Statistics), JANE A. COCHRANE (Entomology), PENELOPE M. J. DEANS (Plant Pathology), ANN. V. DELAP (Botany),

BRENDA J. DODGSON (Insecticides), VICTORIA EVANS (Statistics), J. E. GILBY (Field Experiments), J. B. GILLESPIE (Soil Microbiology), G. N. GREENHAUGH (Plant Pathology), RACHEL GREGORY (Botany), J. B. HACKER (Plant Pathology), S. A. HARRIS (Soil Survey), A. JHA (Plant Pathology), D. G. JONES (Soil Microbiology), J. KING (Botany), CHRISTINE D. MAXWELL (Botany), GILLIAN McMANNUS (Entomology), ANNE V. PICKERING (Bees), ANTHEA S. POTTER (Bees), M. J. REDDY (Entomology), RACHEL REUBEN (Entomology), P. ROY (Biochemistry), PATRICIA SANDERS (Insecticides), ANNE SHELLEY (Entomology), A. C. SMITH (Chemistry), CHRISTINE SMITH (Plant Pathology), Miss M. I. M. SMITH (Field Experiments), T. R. E. SOUTHWOOD, (Entomology), M. J. TAYLOR (Entomology), VALERIE THAIN (Insecticides), D. P. H. TUCKER (Chemistry), C. R. TURNER (Insecticides), HELEN G. WHITE (Plant Pathology), JOSEPHINE H. K. WHITTAKER (Physics), M. S. WOLFE (Dunholme).

SOIL SURVEY OF ENGLAND AND WALES

Head of Survey

A. MUIR, PH.D.(Edin.)

Deputy Head of Survey

D. A. OSMOND, PH.D.(Bristol), A.R.I.C.

Soil Surveyors

G. D. ASHLEY, B.Sc.(Sheffield)
B. W. AVERY, B.Sc.(Reading)
E. M. BRIDGES, B.Sc.(Sheffield)
P. BULLOCK, B.A.(Birm.)
C. P. BURNHAM, B.A.(Cantab.), B.Sc.(Lond.)
B. CLAYDEN, B.Sc.(Sheffield)
W. M. CORBETT, B.Sc.(Edin.)
C. B. CROMPTON, PH.D.(Bristol)
A. CROMPTON, B.Sc.(Leeds)
D. C. FINDLAY, B.A.(Cantab.)
R. D. GREEN, M.Sc.(Lond.)
B. R. HALL, B.Sc.(For.)(Edin.)
C. A. H. HODGE, B.Sc.(Wales)
J. M. HODGSON, B.Sc.(Lond.)
R. A. JARVIS, B.Sc.(Dunelm)
D. W. KING, B.Sc.(Lond.), A.R.I.C.
D. MACKNEY, B.Sc.(Bristol)
C. W. MONTGOMERY, B.A.(Cantab.)
B. PLUMMER, M.A.(Wales)
C. C. RUDEFORTH, B.Sc.(Lond.)
R. S. SEALE, M.A.(Cantab.)
A. J. THOMASSON, B.A.(Bristol)

Colonial Pool of Soil Surveyors

A. O. BALLANTYNE, PH.D.(Edin.)(In Solomon Islands)
P. D. JUNGRIUS, PH.D.(Amsterdam)(In Ghana)
A. R. STOBBS, M.A.(Dunelm)(In Sierra Leone)

Chemists

C. L. BASCOMB, B.Sc.(AGRIC.)(Reading)
AUDREY M. DU FEU, B.Sc.(Lond.)
H. H. LE RICHE, PH.D.(Lond.)
D. T. PRITCHARD

Cartographer

D. V. JONES

Assistant Staff

R. BALL, MRS. JOAN K. FOSTER, MRS. MURIEL GREEN,
P. G. HOARE, MARJORIE D. E. JACKSON, J. E. KNAPP,
MRS. E. JOYCE MITCHELL, MARGARET ROE, SHEILA SMITH,
E. M. THOMSON

Woburn Experimental Station

Officer in Charge

C. A. THOROLD, M.A.(Oxon.), A.I.C.T.A.

Chemist

T. W. BARNES, M.Sc.(Lond.), F.R.I.C.

Assistant Staff

G. PEARCE, Q. D. POPE

Dunholme Field Station

Head of Field Station

R. HULL, Ph.D.(Lond.)

Scientific Staff

S. N. ADAMS, D.Phil.(Oxon.)

W. J. BYFORD, B.Sc.(Lond.)

E. C. W. DUNHAM, B.Sc.(Edin.), Dip.AGRIC.(Cantab.)

R. A. DUNNING, M.Sc.(Leeds), Ph.D.(Cantab.)

G. H. WINDER, B.Sc.(Manc.)

Assistant Staff

F. ANN DAMMS, JANET HULL, J. IWANICKI, MRS. JOAN

IWANICKA, J. A. P. MARSH, ELIZABETH H. MARSHALL,

W. N. MOORE, ELAINE POLLARD, MARIE D. WOLFE

Agricultural Research Council Unit of Plant Morphogenesis and Nutrition

Head of Unit

F. J. RICHARDS, D.Sc.(Birm.), F.R.S.

Scientific Staff

W. W. SCHWABE, D.Sc.(Lond.)

Temporary Worker

J. R. WILSON, M.Sc.(Sydney)

Assistant Staff

W. S. BIGGS, PRISCILLA M. DUTTON, C. SINCLAIR, MRS.

PAMELA J. BLANKING

The Commonwealth Bureau of Soils

Director ...	...	...	G. V. JACKS, M.A.
Consultant Director	...	...	F. C. BAWDEN, M.A., F.R.S.
Assistant Director	...	...	W. D. BRIND, B.Sc.
Assistants	...	...	G. A. GREENWOOD, B.Sc. ELIZABETH E. HARDMAN, B.Sc. MRS. M. KATHLEEN MILNE, B.Sc. I. SZLADITS, Ph.D. NORAH J. WATTS, M.A.
Indexer ...	...	...	MRS. SOPHIE ADAMS
Clerks ...	...	...	SYLVIA P. FLETCHER, RITA E. HOUGH, MRS. IRIS LINDSAY, MAR- GUERITA D. PAYNE

The Bureau, one of ten Commonwealth Agricultural Bureaux, was established at Rothamsted in 1929. Administratively and financially the Bureau is distinct from the Station, but the two work together closely. The Director of the Station is Consultant Director of the Soil Bureau.

The function of the Bureau is to assist workers in soil science throughout the Commonwealth by providing technical information, by promoting contact between them and by giving technical assistance when they are in this country. A bi-monthly abstract journal *Soils and Fertilizers*, covering the literature of soil science, fertilisers and the culture of field crops throughout the world, is published, together with occasional monographs—*Technical Communications*—on subjects of general interest. The Bureau keeps itself informed on soil workers and their research, throughout the Commonwealth. Each Government nominates one of its staff as Official Correspondent to the Bureau, who acts as liaison officer in Bureau matters and assists in the collection and distribution of information. Technical information is usually given free to soil workers.