

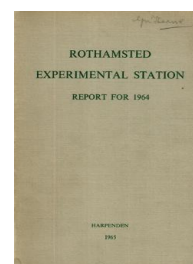
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ROTHAMSTED  
RESEARCH

## Report for 1964

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# **Rothamsted Experimental Station; Soil Survey of England and Wales; Woburn Experimental Station; broom's Barn Experimental Station and the Commonwealth Bureau of Soils Staff List**

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Rothamsted Research (1965) *Rothamsted Experimental Station; Soil Survey of England and Wales; Woburn Experimental Station; broom's Barn Experimental Station and the Commonwealth Bureau of Soils Staff List* ; Report For 1964, pp 6 - 18 - DOI: <https://doi.org/10.23637/ERADOC-1-57>

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| <i>Clerical Staff</i>                | MRS. MARY C. ARNOLD, JACQUELINE F. BATES,<br>MRS. YVONNE BIRD, MRS. MARY K. BOUTWOOD,<br>M. DOROTHY HANDS, SUSAN B. HEYMANN, W. G.<br>JONES, JENNIFER LAWRENCE, DOROTHY B. REID |
| <i>Storekeepers</i>                  | F. W. ELLINGHAM, B. R. LEDGER                                                                                                                                                   |

## PHOTOGRAPHY

|                      |                                       |
|----------------------|---------------------------------------|
| <i>Photographer</i>  | F. COWLAND, A.I.B.P., A.R.P.S.        |
| <i>Assistant</i>     | MRS. MARGARET THOMAS                  |
| <i>Draughtswomen</i> | MRS. ROSEMARY NYE-BROWNE, MARY TAYLOR |

## HALL OF RESIDENCE AND CANTEEN

|                                   |                                                                                                                                                                                                         |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Warden and<br/>Housekeeper</i> | AUDREY H. BENZIE                                                                                                                                                                                        |
| <i>Canteen Supervisor</i>         | MRS. MARGARET E. HAMMOND                                                                                                                                                                                |
| <i>Staff</i>                      | ANTONIA CANDAL, MARIA G. CANDAL, MRS. DORIS<br>COVINGTON, MRS. MARJORIE HAMMOND, JESSIE<br>HUSSELBEE, MRS. MAUD MARTIN, Mr. and Mrs.<br>J. A. M. ROMERO, MRS. FRANCIS M. RUMBELOW,<br>MRS. DORIS TILLEY |

## WORKSHOP AND MAINTENANCE STAFF

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Head of Workshop<br/>and Maintenance<br/>Staff</i> | A. E. HALL                                                                                                                                                                                                                                                                                                                                                                                |
| <i>Staff</i>                                          | W. L. ABBISS, A. S. BELL, G. BERNEYE, L. C. BERRY,<br>T. J. BISHOP, F. B. CARTER, E. J. BURGESS, D. J. BURN,<br>D. CLAY, E. W. DAVIS, B. EDWARDS, S. FOSTER,<br>L. F. FOWLER, W. GROOM, B. HAYES, E. OLLEY,<br>A. W. PRIMETT, T. G. SHUREY, K. SMITH, N. J. WELLS                                                                                                                         |
| <i>Cleaners, etc.</i>                                 | F. T. BANGS, MRS. EDNA BYGRAVE, P. C. CARTER,<br>S. G. COX, H. P. CURRANT, F. T. EASTLAND, H. J.<br>ELLEN, MRS. VIOLET ELLEN, MRS. LIZZIE GREGORY,<br>W. G. GREGORY, A. E. GREY, MRS. FLORENCE<br>HAMILTON, MRS. ANN HARRISON, W. F. HEWITT,<br>H. S. HUNT, D. LILLY, MRS. JOY McLEAN, MAY<br>MISSENDEN, C. E. O'DELL, A. E. PENGELLY, J.<br>RAINBOW, P. ROLT, R. SANDERS, J. G. TAILFORD |
| <i>Gardeners</i>                                      | J. DUCK, H. GOODENOUGH, F. HAMILTON, G. F.<br>HANSON, K. HUNTINGTON, F. IVORY, F. E. PEACOCK                                                                                                                                                                                                                                                                                              |

## SOIL SURVEY OF ENGLAND AND WALES

*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)  
P. BULLOCK, B.A.(Birm.)  
B. CLAYDEN, B.Sc.(Sheffield)  
W. M. CORBETT, B.Sc.(Edin.)  
C. B. CRAMPTON, Ph.D.(Bristol)  
A. CROMPTON, B.Sc.(Leeds)  
D. C. FINDLAY, M.A., Dip.Agric.Sci.(Cantab.)  
C. J. FOLLAND, B.Sc.(Bristol)  
R. D. GREEN, M.Sc.(Lond.)  
B. R. HALL, B.Sc.(Edin.)  
C. A. H. HODGE, B.Sc.(Wales)  
J. M. HODGSON, B.Sc.(Lond.)  
M. G. JARVIS, B.A.(Oxon.)  
R. A. JARVIS, B.Sc.(Dunelm.)  
D. W. KING, B.Sc.(Lond.), A.R.I.C.  
D. MACKNEY, B.Sc.(Bristol)  
B. MATTHEWS, M.A.(Leeds)  
J. L. NOWLAND, B.A.(Manc.), M.Sc.(Aberd.)  
M. J. PETTERSSON, Ph.D.(Nott.)  
J. D. ROBSON, B.Sc.(Dunelm.)  
C. C. RUDEFORTH, B.Sc.(Lond.)  
R. S. SEALE, M.A.(Cantab.)  
A. J. THOMASSON, B.A.(Bristol)

*Pool of Soil Scientists* D. M. CARROLL, B.Sc.(St. And.)  
J. R. F. HANSELL, B.Sc.(Leic.)  
A. R. STOBBS, B.Sc.(Dunelm.)

*Chemists* C. L. BASCOMB, B.Sc.(Reading)  
D. T. PRITCHARD

*Cartographer* E. M. THOMSON

*Assistant Staff* MRS. HEATHER M. S. CATTERFELD, F. H. COWELL,  
WENDY P. EDWARDS, MRS. JOAN K. FOSTER, MRS.  
CYNTHIA M. GOSNEY, MRS. PAULINE HAMILTON,  
MRS. CHRISTINE D. KEMP, C. P. MURPHY, MAR-  
GARET ROE, ALICE D. STEWART, C. V. WAINE,  
M. J. WILLIAMSON, S. YOUNG

## WOBURN EXPERIMENTAL STATION

(Husborne Crawley, Bedford)

*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

## BROOM'S BARN EXPERIMENTAL STATION

(Higham, Bury St. Edmunds, Suffolk)

*Head of Station* R. HULL, Ph.D.(Lond.), D.I.C.

*Scientific Staff* W. J. BYFORD, B.Sc.(Lond.)  
D. A. COOKE, B.Sc.(Lond.), A.R.C.S.  
R. A. DUNNING, M.Sc.(Leeds), Ph.D.(Cantab.)  
G. D. HEATHCOTE, Ph.D.(Lond.)  
P. J. LAST  
R. K. SCOTT, B.Sc.(Nott.)  
P. B. H. TINKER, Ph.D.(Sheffield), A.R.I.C.  
D. J. WEBB  
G. H. WINDER, B.Sc.(Manc.)

*Assistant Staff* MARGARET E. BREWSTER, WENDY E. GREIGG, H.  
HOWEY, J. IWANICKI, MRS. ELLEN L. LEES, D.  
LINCOLN, J. A. P. MARSH, W. N. MOORE, MRS.  
GLENN A. J. REEVE, MARIE D. WOLFE, MRS. ELIZABETH M. WRIGHT, B.Sc.(Lond.)

*Farm Bailiff* M. CHURCH, N.D.A.

*Farm Workers* G. W. ANDREWS, M. J. GOLDING, J. IVATT, H. KLEMP,  
A. POTTER, C. W. SMITH

## SAXMUNDHAM, SUFFOLK

*Foreman* V. WOOLNOUGH

## SCIENTIFIC STAFF WHO LEFT IN 1964

|                                          |                                                                                                                                                |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Physics</i>                           | DOREEN ARMSTRONG, B.Sc.(Dunelm.)                                                                                                               |
| <i>Chemistry</i>                         | J. M. D'ARIFAT, B.Sc.(Wales)                                                                                                                   |
| <i>Pedology</i>                          | SALLY BURNETT, C.D.H.(Studley)                                                                                                                 |
| <i>Tropical Soils Adviser</i>            | H. GREENE, D.Sc.(St. And.)                                                                                                                     |
| <i>Soil Microbiology</i>                 | R. COOPER, D.Phil.(Oxon.)                                                                                                                      |
| <i>Plant Pathology</i>                   | E. W. BUXTON, Ph.D.(Cantab.)                                                                                                                   |
| <i>Nematology</i>                        | J. E. PEACHEY, Ph.D.(Dunelm.)                                                                                                                  |
| <i>Insecticides and Fungicides</i>       | S. R. B. SOLLY, B.Sc.(Lond.), A.R.I.C.<br>MRS. FRANCES M. E. SZEICZ, Ph.D.(Lond.)                                                              |
| <i>Bee</i>                               | D. C. LEE, B.Sc.(Bristol)                                                                                                                      |
| <i>Statistics</i>                        | R. T. CLARKE, B.A.(Cantab.)<br>MRS. WINIFRED A. COLLINGBOURNE, B.Sc.(Leic.)<br>A. G. DAVIES<br>MRS. MOLLY I. DYKE<br>A. FRATER, B.Sc.(Edin.)   |
| <i>Soil Survey</i>                       | A. O. BALLANTYNE, Ph.D.(Edin.)<br>C. P. BURNHAM, M.A.(Cantab.), M.Sc.(Lond.)<br>AUDREY M. DU FEU, B.Sc.(Lond.)<br>D. J. R. MANLEY, M.Sc.(Exe.) |
| <i>Broom's Barn Experimental Station</i> | M. GLENISTER, B.Sc.(Bristol)                                                                                                                   |

## TEMPORARY WORKERS IN 1964

**Australia:** H. NEWTON BARBER (Physics and Botany); **Belgium:** P. G. COUCKE (Soil Microbiology); **Bulgaria:** I. P. GARBUCHEV (Chemistry); **Canada:** P. B. HOYT (Chemistry); **Cyprus:** J. CHARALAMBOUS (Chemistry); **Germany:** CHRISTEL KONIG (Soil Microbiology), K. D. LIPPERT (Soil Microbiology), H. STELTER (Plant Pathology); **Holland:** V. J. M. KOCH (Entomology); **India:** S. K. DEY (Chemistry), D. M. SAMUEL (Biochemistry); **Italy:** G. GIUSSANI (Plant Pathology); **Japan:** T. KUBOTA (Chemistry); **Mauritius:** J. A. LALOUETTE (Statistics); **Norway:** ASE B. GLADHAUG (Chemistry), T. D. RYGG (Entomology); **Poland:** T. CALINSKI (Statistics); **Sweden:** P. LANDWALL (Insecticides); **U.S.A.:** R. D. JACKSON (Physics), L. V. KNUTSON (Entomology), MRS. EVA I. H. POINAR (Plant Pathology), G. O. POINAR (Nematology); **Venezuela:** E. A. DEBROT (Plant Pathology); **Yugoslavia:** DR. ZORA SARIC (Soil Microbiology); **United Kingdom:** F. O. AKIN-BADEWA (Botany), G. R. E. ARNOT (Botany), P. J. BLACKMORE (Nematology), A. J. BLAZA (Plant Pathology), Miss A. M. BROOK (Nematology), M. G. R. CANNELL (Botany), I. I. COOPER (Plant Pathology), JUNE A. DARLISON (Nematology), SALLY EJIWUNNI (Nematology), MRS. FAITH N. FARNHAM (Entomology), CHRISTINE B. FRETTON (Field Experiments), P. GREENAWAY (Entomology), R. ANNE HORTON (Statistics), C. HOUGHTON (Plant Pathology), LESLEY A. HOWARD (Insecticides), R. IKIN (Plant Pathology), GWENDA M. JONES (Plant Pathology), R. A. C. JONES (Plant Pathology), ELSA J. KALMUS

#### TEMPORARY WORKERS IN 1964

(Entomology), HESTER LACK (Plant Pathology), D. C. LEE (Entomology), Miss S. LEWIS (Nematology), NORMA LIND (Nematology), M. LLEWELLYN (Entomology), BRIDGET J. LOWE (Statistics), JENNIFER LUNTZ (Bee), D. MACHIN (Statistics), ELSIE MILLER (Entomology), MARY MILLER (Botany), D. MITCHELL (Chemistry), HELEN NORKER (Library), I. H. PALLETT (Plant Pathology), PATRICIA E. PEDERSEN (Soil Microbiology), SUSAN M. PENN (Nematology), M. JEAN PIKE (Bee), R. B. POUNDER (Botany), JACQUELINE READ (Library), RACHEL SALISBURY (Entomology), C. G. SMITH (Plant Pathology), P. F. STEVENS (Plant Pathology), JANET K. STONE (Nematology), H. H. TAYLOR (Bee), JOAN TAYLOR (Botany), LOVEDAY WICKHAM (Chemistry), ANNE B. WIDGER (Statistics), D. A. WILLIAMS (Statistics)

### THE COMMONWEALTH BUREAU OF SOILS

|                                        |                                                                                                                                                                                                                       |
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| <i>Director</i>                        | G. V. JACKS, M.A.(Oxon.)                                                                                                                                                                                              |
| <i>Consultant Director</i>             | F. C. BAWDEN, M.A.(Cantab.), Hon. D.Sc.(Hull)., F.R.S.                                                                                                                                                                |
| <i>Assistant Director</i>              | W. D. BRIND, B.Sc.(Reading)                                                                                                                                                                                           |
| <i>Scientific Information Officers</i> | J. M. D'ARIFAT, B.Sc.(Wales)<br>MRS. NORAH J. GRAY, M.A.(Cantab.)<br>G. A. GREENWOOD, B.Sc.(Exe.)<br>ELIZABETH E. HARDMAN, M.Sc.(Southampton)<br>MRS. M. KATHLEEN MILNE, B.Sc.(Wales)<br>I. SZLADITS, Ph.D.(Budapest) |
| <i>Indexer</i>                         | MRS. SOPHIE ADAMS                                                                                                                                                                                                     |
| <i>Senior Clerical Officer</i>         | MARGUERITA D. PAYNE                                                                                                                                                                                                   |
| <i>Clerks</i>                          | MRS. EILEEN G. CLARK, MRS. ELIZABETH F. GRIF-<br>FITHS, MRS. JOYCE R. LLEWELLYN, MRS. SHIR-<br>LEY SHORLAND                                                                                                           |

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. 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 work of the Commonwealth Agricultural Bureaux is recorded in its own report published annually by the Stationery Office.