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RESEARCH

## Report for 1962

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<i>Assistant Staff</i>	JEAN BURKE, F. H. COWELL, MRS. JOAN K. FOSTER, MRS. CYNTHIA M. GOSNEY, P. G. HOARE, F. JOHNSON, MARGARET ROE, MRS. PAULINE SUT- CLIFFE, C. V. WAINE, M. J. WILLIAMSON

## WOBURN EXPERIMENTAL STATION

(Husborne Crawley, Bletchley, Bucks)

*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.)

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

*Assistant Staff* GLENNA BOAST, RUTH A. BRADFIELD, H. HOWEY,  
J. IWANICKI, MRS. JOAN IWANICKA, J. A. P.  
MARSH, W. N. MOORE, MRS. HEATHER PULFORD,  
D. J. WEBB, MARIE D. WOLFE

*Farm Bailiff* C. J. HINGSTON, N.D.A.

*Farm Workers* M. HARRISON, R. C. HUMPHRIES, J. IVATT, C. W.  
SMITH

## SCIENTIFIC STAFF WHO LEFT IN 1962

<i>Chemistry</i>	MARIE BLAKEMORE, B.Sc.(Lond.) M. ST. J. FOALE SIGNE G. HEINTZE, M.Phil.(Stockholm)
<i>Pedology</i>	A. MUIR, Ph.D.(Edin.)
<i>Biochemistry</i>	J. E. MORRISON, B.Sc.(Aberd.) N. SINGH, B.Sc.(Ag.), M.Sc.(Agra), Ph.D.(Lond.)
<i>Plant Pathology</i>	MARY D. GLYNNE, O.B.E., D.Sc.(Wales)
<i>Nematology</i>	R. SIDDIQI, Ph.D.(Aligarh)
<i>Insecticides</i>	MRS. GERTRUD GREEN, B.Sc.(Lond.), A.R.C.S. C. T. JEPHCOTT, N.D.H.
<i>Entomology</i>	D. S. MADGE, B.Sc.(Sheffield), Ph.D.(Lond.)
<i>Bee</i>	H. YVETTE SPENCER-BOOTH, B.A.(Cantab.), B.Sc.(S. Africa)
<i>Statistics</i>	G. W. BONSALE, B.A.(Oxon.) J. R. DAVIS, M.A.(Oxon.) M. L. HILL P. HOLGATE, B.Sc.(Exe.) MRS. EMILY P. SIMPSON, B.A.(Oxon.)
<i>Field Experiments</i>	H. V. GARNER, O.B.E., M.A.(Cantab.), B.Sc.(Liv.)
<i>Librarian</i>	D. H. BOALCH, M.A.(Cantab.)
<i>Soil Survey</i>	G. R. SUGGETT, B.A.(Leeds)

## TEMPORARY WORKERS IN 1962

**Australia:** C. D. BLAKE (Nematology), G. E. HOUNAM (Physics); **Canada:** B. H. MACNEILL; **Ceylon:** D. CALNAIDO (Entomology); **Germany:** H. HIPPE (Soil Microbiology); **Ghana:** A. A. BUADU (Insecticides); **Holland:** H. DEN OUDEN (Nematology), C. A. HOVEYN (Statistics), R. MULDER (Entomology), P. A. VAN DER LAAN (Nematology); **Hong Kong:** Y. C. LIN (Field Experiments and Chemistry); **India:** K. K. NIRULA (Nematology), M. A. RAM REDDY (Plant Pathology), G. SWARUP (Nematology); **Israel:** A. SCHULBERG (Nematology);



**Ivory Coast:** C. NETSCHER (Nematology); **Jamaica:** H. D. GRAHAM (Biochemistry); **Malaya:** FONG CHU CHAI (Statistics); **Mexico:** R. MACGREGOR-LOAEZA (Entomology); **New Zealand:** R. C. CLOSE (Plant Pathology), J. DREW-SMITH (Plant Pathology), ELIZABETH STEVENSON (Statistics); **Philippines:** B. P. TIENZO (Statistics); **Poland:** MRS. STEFANIA MANYS (Biochemistry); **Portugal:** MARIA DE L. V. BORGES (Plant Pathology), H. F. DIAS (Plant Pathology); **Rhodesia and Nyasaland:** D. C. M. CORBETT (Nematology), R. C. SALMON (Chemistry), J. P. WATSON (Pedology); **Sudan:** M. A. R. A. TAHA (Botany); **Sweden:** F. G. V. FAHRAEUS (Soil Microbiology); **Switzerland:** R. CORBAZ (Plant Pathology), J. KLINGER (Nematology); **Turkey:** I. TUNCKALE (Soil Survey); **Uganda:** W. H. BOSHOFF (Biochemistry), H. KANYIKE (Soil Microbiology), C. W. ROSE (Physics); **U.S.A.:** B. O. BLAIR (Physics), J. B. KENDRICK (Plant Pathology), E. P. LICHTENSTEIN (Insecticides), R. E. SHAPIRO (Physics), J. M. WALKER (Chemistry); **Yugoslavia:** V. RADULOVIC (Soil Microbiology); **United Kingdom:** BARBARA M. A. BLAKE (Bee), G. W. BOWRON (Soil Microbiology), A. G. P. BROWN (Plant Pathology), K. BROWN (Nematology), J. G. CLELAND (Plant Pathology), PATRICIA COX (Nematology), WENDY E. CUFFLEY (Bee), VALERIE J. EVANS (Plant Pathology), A. W. FARNHAM (Insecticides), M. G. FORD (Nematology), CLARE FRANKLIN (Botany), A. J. P. FROST (Broom's Barn), GILLIAN GRANEY (Botany), M. GRIEVE (Entomology), G. S. HALL (Biochemistry), MARGARET A. HAMILTON (Botany), MARY HARRISON (Plant Pathology), KATHERINE M. HAWKING (Plant Pathology), SUSAN M. HAWKINS (Statistics), J. HEWITSON (Field Experiments), KATHRYN HINTON (Bees), PAULINE JONES (Entomology), M. H. R. JULIEN (Plant Pathology), IRENE KEIR (Nematology), R. A. KINLOCH (Nematology), ANTHEA LACK (Plant Pathology), G. J. LEACH (Botany), ANGELA MIDDLETON (Plant Pathology), R. M. MORRIS (Chemistry), G. MOSS (Botany), JANE MURRAY (Insecticides), C. J. RAWLINSON (Plant Pathology), MRS. FRANCES M. SMITH, (Entomology), J. J. STRANGE (Entomology), W. S. TALLACK (Entomology), J. R. TIGHE (Botany), D. VENTHAM (Entomology), D. G. WAGON (Statistics), B. J. WATSON (Plant Pathology), H. N. A. WILLCOX (Entomology), A. L. WINFIELD (Nematology).

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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, fertilizers 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.