Vol. 46. Part 1 June 1955

THE JOURNAL OF AGRICULTURAL SCIENCE

EDITED BY

G. D. H. BELL, B.SC., PH.D., School of Agriculture, Cambridge

J. HAMMOND, C.B.E., M.A., D.SC., F.R.S., School of Agriculture, Cambridge

H. HUNTER, M.A., D.SC., Keys Cottage, Meldreth, nr. Royston, Herts.

SIR BERNARD KEEN, D.SC., F.R.S., East African Agriculture and Forestry Research Organisation, P.O. Box 21, Kikuyu, Kenya

SIR E. JOHN RUSSELL, D.SC., F.R.S., Campsfield Wood, Woodstock, Oxon.

R. K. SCHOFIELD, Ph.D., F.INST.P., Rothamsted Experimental Station, Harpenden

H. E. WOODMAN, M.A., PH.D., D.SC., School of Agriculture, Cambridge

F. YATES, SC.D., F.R.S., Rothamsted Experimental Station, Harpenden



CAMBRIDGE UNIVERSITY PRESS

LONDON: BENTLEY HOUSE, N.W. 1 NEW YORK: 32 EAST 57TH STREET, 22

Price 20s. net (U.S.A. \$3.50)

Books on Agriculture,
Botany and Allied
Sciences of all publishers
supplied from stock.

Catalogue of Books on Agriculture, Horticulture and Allied Subjects available post free on request.

Please mention interests when writing.

Scientific Lending Library

New books and latest editions obtainable.

ANNUAL SUBSCRIPTION FROM TWENTY-FIVE SHILLINGS

Prospectus post free on request.
THE LIBRARY CATALOGUE revised to
December 1949

To subscribers 17s. 6d. net.
To non-subscribers 35s. net, postage 1s. 6d.
Supplement 1950 to 1952. To subscribers 3s. net.
To non-subscribers 6s. net, postage 6d.

Select stock available.

H. K. LEWIS & Co. Ltd.

LONDON: 136 Gower St., w.c. 1
Telephone EUSton 4282 (7 lines)

AGRONOMY JOURNAL

Agronomists throughout the world have found the Agronomy Journal, monthly publication and official organ of the American Society of Agronomy, a source of up-to-date reports on agronomic research. Workers in the fields of forages and pastures, small grain improvement, corn, fibre crops and legumes, cultural practices, and soil fertility, as well as closely allied fields of investigation find articles of lasting interest in the Agronomy Journal. Publication is open to members of the American Society of Agronomy.

\$15.00 per year, U.S., Canada, and pan-American countries; \$16.00 per year elsewhere.

American Society of Agronomy 2702 Monroe Street Madison 5. Wisconsin

TROPICAL AGRICULTURE

Annual Subscription £2 including postage

The journal of the *Imperial College of Tropical Agriculture*, *Trinidad*, reviews and interprets the latest advances in agricultural science as applied to tropical regions.

BIOCHEMISTRY OF THE AMINOSUGARS

By P. W. KENT, M.A., B.SC., PH.D., D.PHIL., F.R.I.C., and M. W. WHITEHOUSE, B.A., B.SC., A.R.I.C., Dept. of Biochemistry, Oxford

The book surveys the biochemistry of mucins and other aminosugar-containing substances and includes a consideration of their metabolism and of the enzymes which act on them and their derivatives. The first part of the book discusses aminosugars and muco-substances in the biological environment, while the second part treats the chemistry (detection, estimation, structure and reactions) of aminosugars. The work is not solely confined to glucosamine and galactosamine and an attempt has been made to collate the properties of all known aminosugars, both natural and synthetic. *Price 40s.*

BUTTERWORTHS SCIENTIFIC PUBLICATIONS

88 Kingsway, London, W.C.2

HEFFER'S



BOOKS ON
BIOLOGY
AGRICULTURE
FORESTRY

W. HEFFER & SONS LTD.
3-4 Petty Cury, Cambridge