

THE JOURNAL OF AGRICULTURAL SCIENCE

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Failure to comply with the Instructions to Authors may delay publication

Papers intended for publication should be submitted to Dr G. D. H. Bell, C.B.E., F.R.S., Plant Breeding Institute, Cambridge, or to one of the Associate Editors. It must be understood that, if accepted by the Editorial Board, the paper will not be published elsewhere in the same form.

MANUSCRIPTS. Papers, written in English, are accepted from any country and should be typed in double-spacing on one side of the paper with a margin at least 4 cm wide on the left-hand side. Authors should instruct typists on the style required. A top copy and one carbon copy should be submitted.

SHORT NOTES may be accepted provided they are based on adequate experimental evidence; special provision is made for their publication with the least possible delay. MSS should not exceed 1500 words in length or their equivalent. For tabulated matter allow 25 words per line of the table (including headings). For line illustrations allow 225 words per quarter of a page.

TABLES must be self-explanatory. They should be typed on separate sheets, numbered consecutively and carry an appropriate title. When possible, tables should be arranged so that they can be printed in the normal orientation of the text and without rules.

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The approximate position of tables and figures should be noted in the text.

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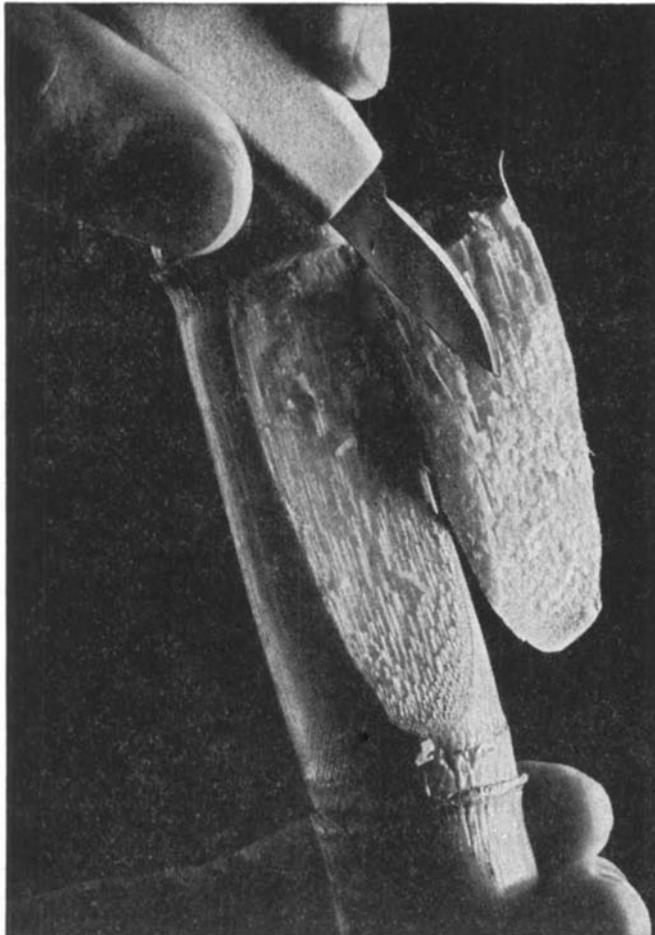
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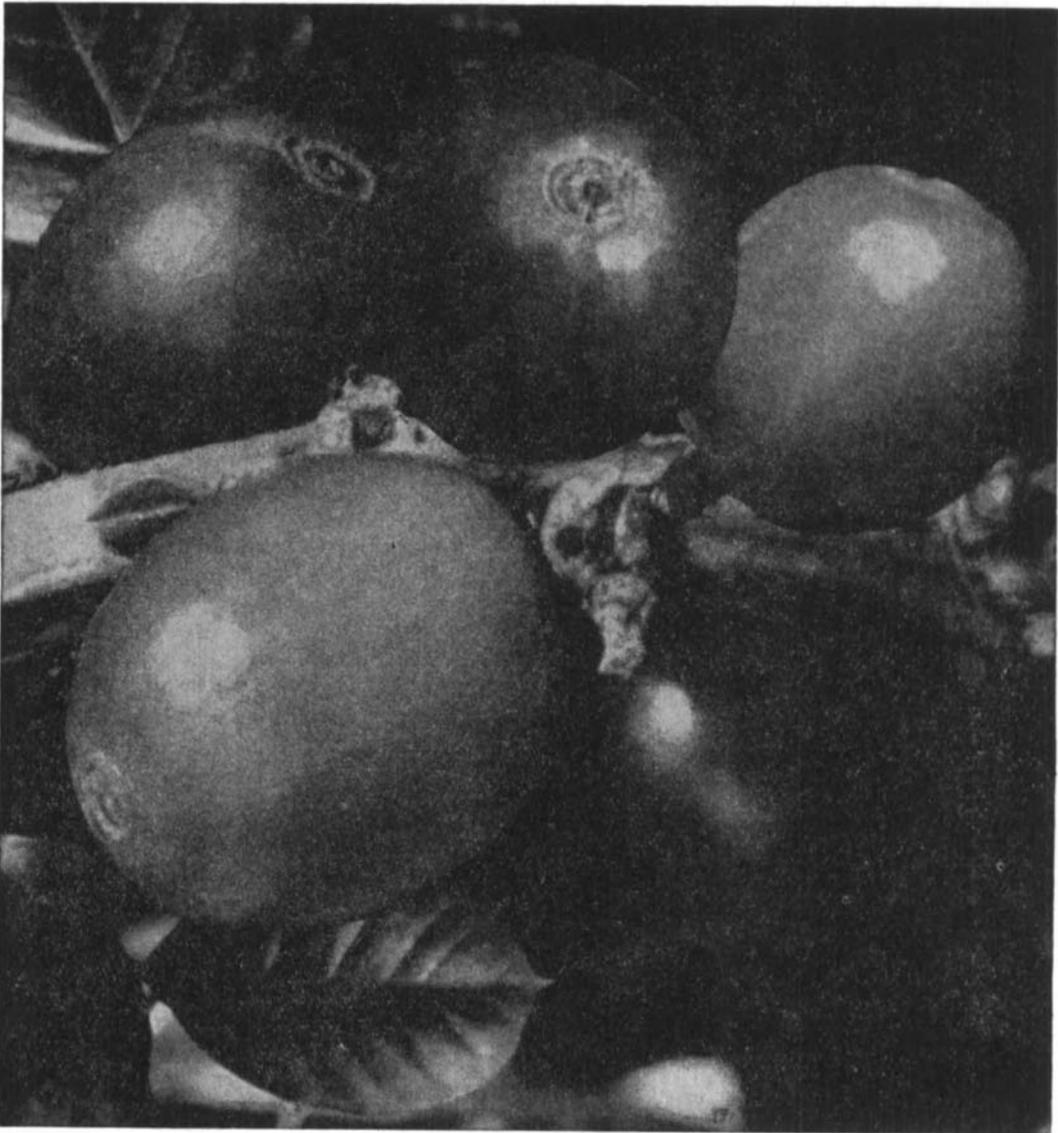
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The Editors of the *Journal of Agricultural Science* wish to draw the attention of all intending contributors to Government policy on the general adoption of the metric system in the United Kingdom. Conferences of Editors sponsored by the Royal Society have recognized the important part to be played by scientific journals in effecting a quick change-over, and a pamphlet has been issued (*Metrication in Scientific Journals*, Royal Society, 1968).

Notice is hereby given that this Journal will ultimately require metric units to be used in all papers that it publishes. The rate of change-over will depend on the subjects covered, but authors are requested to present numerical results in the metric system wherever possible. It is suggested that the metric equivalent of data in other weights and measures quoted in the Summary could be given in brackets.

JOURNAL OF REPRODUCTION AND FERTILITY

The Journal publishes original papers, abstracts of Proceedings, and occasionally reviews and bibliographies, dealing with the morphology, physiology, biochemistry and pathology of reproduction in man and animals, and with the biological, medical and veterinary problems of fertility and lactation. Numbers are issued to give three volumes a year.

Papers to appear during 1968 include:

- T. HASTEIN and W. VELLE. Placental aldose reductase activity and foetal blood fructose during bovine pregnancy.
- D. P. BOSHER. Histological examination of serosal membranes in studies of early embryonic mortality in the ewe.
- B. E. MORTON. A disruption and fractionation of bovine epididymal spermatozoa.
- D. G. WADDILL, C. H. CHANEY and R. H. DUTT. Ovulation rate in gilts after short-time exposure to continuous light.
- D. L. BLACK, LEO V. CROWLEY, R. T. DUBY and C. G. SPILMAN. Oviduct secretion in the ewe and the effect of oviduct fluid on the oxygen uptake by ram spermatozoa *in vitro*.
- P. E. LAKE and M. HATTON. Free amino acids in the vas deferens, semen, transparent fluid and blood plasma of the domestic rooster, *Gallus domesticus*.
- M. SHEMESH, N. AYALON and H. R. LINDNER. Early effect of conceptus on plasma progesterone level in the cow.
- R. H. F. HUNTER and P. J. DZIUK. Sperm penetration of pig eggs in relation to the timing of ovulation and insemination.
- R. B. SNOOK, H. H. COLE and I. I. GESCHWIND. Further studies on mare serum gonadotrophin secreted in response to immunization with HCG or crude ovine FSH.
- J. M. DONEY and W. F. SMITH. Infertility in inbred ewes.
- J. L. HANCOCK and P. T. MCGOVERN. The transport of sheep and goat spermatozoa in the ewe.
- E. SCHILLING and J. ZUST. Diagnosis of oestrus and ovulation in cows by pH-measurements *intra vaginam* and by apparent viscosity of vaginal mucus.
- O. T. STALLCUP, C. J. BROWN and W. T. COLE. Lactic dehydrogenase and transaminases in bovine epididymal fluid.
- D. J. DIERSCHKE and M. T. CLEGG. Studies on the relationship of serum and pituitary gonadotrophin levels to ovulation in the ewe.
- R. B. LAND and P. T. MCGOVERN. Ovulation and fertilization in the lamb.
- G. A. LODGE and B. HARDY. The influence of nutrition during oestrus on ovulation rate in the sow.

Editorial correspondence should be sent to the Executive Editor, Journal of Reproduction and Fertility, 8 Jesus Lane, Cambridge, England, and business correspondence to the publishers.

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