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Yields of the Field Experiments 1974

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74/W/RN/4 Market Garden - Fallow

74/W/RN/4 Market Garden - Fallow, Rothamsted Research (1975) Yields Of The Field Experiments 1974, pp 83 - 83 - DOI: <https://doi.org/10.23637/ERADOC-1-119>

74/W/RN/4

MARKET GARDEN

Object: To study the residual effects of fertilisers and organic manures applied in the period 1942-67 - Woburn Lansome I.

Sponsor: A.E. Johnston.

The 33rd year, fallow.

For previous years see 'Details' 1967, 68/B/4(t), 69/W/RN/4, 70/W/RN/4(t), 71/W/RN/4(t), 72/W/RN/4(t) and 73/W/RN/4.

Design: 2 series each of 40 plots divided into 4 blocks of 10 plots. Series B has the plots split into 2.

Whole plot dimensions: 8.53 x 5.18.

NOTE: Series B only: Balancing applications of peat at 94 tonnes d.m. were made to the opposite half plots to those that received peat 1965-67, and FYM at 75 tonnes and 150 tonnes to half plots opposite those that received FYM 1965-67.

Cultivations, etc.: - Both Series.

Paraquat at 0.56 kg ion in 370 l applied: 12 Sept, 1973. Subsoiled, tines 140 cm apart, 50 cm deep: 18 Sept. Peat applied (Series B only): 21 Nov. FYM applied (Series B only), ploughed: 22 Nov. Spring-tine cultivated: 2 Apr, 1974. Power harrowed: 7 May. Spring-tine cultivated: 20 June. Deep-tine cultivated: 18 July. Spring-tine cultivated: 22 Aug.