

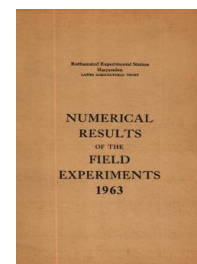
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Yields of the Field Experiments 1963

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63/R/BN/A/5 Barnfield - Fallow

Rothamsted Research

Rothamsted Research (1964) *63/R/BN/A/5 Barnfield - Fallow* ; Yields Of The Field Experiments 1963, pp 19 - 19 - DOI: <https://doi.org/10.23637/ERADOC-1-183>

63/A/5

FALLOW AND POTATOES - BARNFIELD 1963

(BN)

For history, treatments, etc., see 'Details of the Classical and Long Term Experiments' 1956.

The experiment was fallowed, except for 3 rows of potatoes on the East side of Strip 4, Series N, A, AC and C, coinciding with the 3 outermost mangold guard rows of 1962. These were grown for observations on skinspot (Oospora pustulans) and received 1.2 cwt N per acre, as sulphate of ammonia on Series A, AC and C, as nitrate of soda on Series N. Manures were applied to the whole experiment as before 1962, but excluding the castor meal and inorganic nitrogen. No yields were taken.

Cultivations, etc.:

Fallow and potatoes. Ground chalk applied to Series A, AC and C (total applied - 2 tons per acre): Dec 19 and 28, 1962. Dung applied: Feb 18, 1963. Ploughed: Mar 28. Mineral fertilisers applied: May 16.

Potatoes. Nitrogen applied: May 16. Rotary cultivated twice, potatoes machine planted: May 17. Earthed up: July 6. Sprayed with maneb at 1.2 lb in 20 gallons per acre: July 12. Sprayed with copper oxychloride fungicide at 2.3 lb Cu plus 0.35 pints menazon in 20 gallons per acre: Aug 14. Lifted: Oct 19. Variety: Majestic (chitted seed).