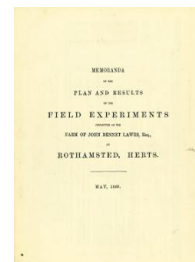


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Memoranda of the Plan and Results of the Field Experiments, May 1869



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Experiments on Permanent Meadow Land; the Park

Rothamsted Research

Rothamsted Research (1870) *Experiments on Permanent Meadow Land; the Park* ; Memoranda Of The Plan And Results Of The Field Experiments, May 1869, pp 2 - 2 - DOI: <https://doi.org/10.23637/ERADOC-1-233>

THE PARK.

(Area under experiment, about $6\frac{3}{4}$ acres.)

- (1) Equal parts Sulphate and Muriate of Ammonia of Commerce.
- (2) 200 lbs. Bone-ash, 150 lbs. Sulphuric Acid (Sp. gr. 1·7).
- (3) Plots 6, 8, and 10, had, besides the Manures specified, 2000 lbs. Sawdust per acre per annum for the first 7 years, 1856–1862, but without effect.
- (4) 300 lbs. Sulphate of Potash, 100 lbs. Sulphate of Soda (300 lbs. 1856–1863), and 100 lbs. Sulphate of Magnesia.
- (5) 300 lbs. Sulphate of Soda (500 lbs. in 1862 and 1863), and 100 lbs. Sulphate of Magnesia (Sulphate of Potash also, as on Plots 7, &c., 1856–1861).
- (6) 250 lbs. Sulphate of Soda (500 lbs. in 1859–60–61; and 800 lbs. since.
- (7) 800 lbs. in 1856–7–8; only 400 lbs. in 1859–60–61; and 800 lbs. since.
- (8) The application of Silicates did not commence until 1862.
- (9) 550 lbs. Nitrate of Soda is reckoned to contain the same amount of Nitrogen as 400 lbs. of “Ammonia-salts.”
- (10) Average of 10 years only, as the manures specified were first applied in 1859 (previously, 1856–1868 inclusive, Sawdust only).
- (11) Average of 11 years only, as these experiments did not commence until 1858.
- (12) Average of 4 years only, as the experiment only commenced in 1865.