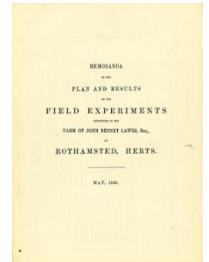


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Memoranda of the Plan and Results of the Field Experiments, May 1869

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Experiments on Permanent Meadow Land; the Park

Rothamsted Research

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THE PARK.

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

(A) Equal parts Sulphate and Muriate of Ammonia of Commerce.

(2) 200 lbs. Bone-ash. 150 lbs. Sulphuric Acid (Sp. gr. 1.7).

(7) 200 lbs. Bone-ash, 100 lbs. Sulphuric acid (sp. gr. = 1.8), 100 lbs. Soda-ash, 100 lbs. Potash-ash, 100 lbs. Saltpetre, 100 lbs. Sawdust per acre per annum for the first 7 years, 1856-1862, but without effect.

(3) Plots 6, 8, and 10, had, besides the manures specified, 600 lbs. carbonate per acre per annum for the minimum 200 lbs. minimum per acre per annum.

(4) 300 lbs. Sulphate of Potass, 100 lbs. Sulphate of Soda (200 lbs. 1860-1863), and 100 lbs. Sulphate of Magnesia, 100 lbs. Sulphate of Potass also, as on Plots 7, &c., 1856-1861).

(5) 250 lbs. Sulphate of Soda (500 lbs. in 1862 and 1863), and 100 lbs. Sulphate of Soda (100 lbs. in 1859-60-61, and 800 lbs. since 1862).

(6) 800 lbs. in 1856-7-8; only 400 lbs. in 1859-60-61; and

(7) The application of Silicates did not commence until 1862.

(8) 550 lbs. Nitrate of Soda is reckoned to contain the same amount of Nitrogen as 400 lbs. of "Ammonia-salts."

(2) Average of 10 years only, as the manures specified were first applied in 1859 (

(10) Average of 11 years only, as these experiments did not commence until 1871.

(11) Average of 4 years only, as the experiment only commenced in 1865.