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# Memoranda of the Field Experiments at Rothamsted: May 1880



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## **Experiments on Permanent Meadow Land; the Park**

### **Rothamsted Research**

Rothamsted Research (1881) Experiments on Permanent Meadow Land; the Park; Memoranda Of The Field Experiments At Rothamsted: May 1880, pp 8 - 8 - **DOI:** 

https://doi.org/10.23637/ERADOC-1-244

(8)

# DIFFERENT MANURES ON PERMANENT MEADOW LAND.

The Land has probably been haid down with Grass for some centuries. No fresh seed has been artificially sown within the last 40 years certainly; nor is there record of any having been sown since fores was first haid down. The experiments she man after year to the same Plot.

In Grass was first haid down. The experiments has been applied year after year to the same Plot.

Forthers was mover, made into hay, removed from the land, and weighed. As a rule, the second crop was fed-off by sheep having no extended, day by day, until the whole was eaten down. Frequently, however, the animals suffered considerably; and in 1866, 1874, the first fine, out, weighed as hay, were cut, and spread on the respective Plots. In the twentierth sason, 1875, the second crops were again made into hay, weighed, and removed; and it is intended, in future, to adopt this plan, and removed: and it is intended, in future, to adopt this plan, who rever the wather will permit. In 1877 and 1877 and 1877 and 1877 and 1878 and 1878 the second crops were egain made into hay, weighed, and removed; and it is intended, in future, to adopt this plan, who rever the wather will permit. In 1877 the second crops were equin made into hay, weighed, sund removed; and it is intended, in future, to adopt this plan, hay by adding one-fourth to the calculated dry matter in the weighed, sund removed into

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acres.
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Area

(1) "Ammonia-salta"—in all cases equal parts Sulphate and Muriate of Ammonia of Commerce.
(2) The "Superphosphase of Linne" is, in all cases, made from 200 lbs. Bone-nsh, 150 lbs. Sulphuric Acid Sp. gr. 17 (and water).
(2) Plote 6, 5, and 10, had, besides the Manures specified, 2000 lbs. Sawdust per acre per annum for the first 7 years, 1856–1862, but without effect.
(3) 200 lbs. 1856–53 but sultaive.
(4) 500 lbs. in 1895–63 indusive.
(5) 500 lbs. in 1895–63 indusive.
(6) 500 lbs. in 1895–60-61.

Lime, and 200 lbs. Silicate Solaris 1871, and since, 400 lbs. Silicate Solar.

(\*\*) 550 lbs. Nitrate of Solar is reckoned to contain the same amount of Nitrogen as 400 lbs. (\*\*) 550 lbs. Nitrate of Solar is reckoned to contain the same amount of Nitrogen as 400 lbs. (\*\*) The manures specified were first applied in 1859 (previously, 1856–7 and 8, Sawdust only).

(\*\*) Averages of 8 years, 10 years, and 18 years, as these experiments did not commence until 1858.

(19) Averages of 4 years only, 1672–75.