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

## **Rothamsted Research**

Rothamsted Research (1871) *Experiments on Permanent Meadow Land; the Park ;* Memoranda Of The Plan And Results Of The Field Experiments, May 1870, pp 2 - 2 - **DOI:** https://doi.org/10.23637/ERADOC-1-234

EXPERIMENTS WITH DIFFERENT MANURES ON PERMANENT MEADOW LAND.

THE PARK.

The Land has probably been laid down with Grass for some centuries. No fresh seed has been artificially sown within the last 30 years certainly; nor is there record of any having been sown since the Grass was first laid down. The experiments commenced in 1856, at which time the character of the herbage appeared uniform over all the Plots. Excepting as explained in the Table, and in the foot-notes, the same description of Manure has been applied year after year to the same Plot.

Plots. Excepting as explained in the 1 able, and in the root and i the ander experiment, about 6% acres.)	or 1:59 Prussian Morgen. or 0:91 ZollYrerin Pfund. or 1:02 Centuer. or 20:33 Contnet. or 20:53 Contnet. or 0:54 Centuer per Pr. Morgen. or 0:64 Centuer per Pr. Morgen. 13 Years 13 Years 15 Sesson; 1969. 13 Years 18 Sesson; 19 Sesso		1810.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	:	Commerce. 11°7). al. 2000 liss. Sawdust per acree per amrum for the first 7 years, 1856–1862, but without effect. ad. 2000 liss. 1856–1863), and 100 liss. Sulphate of Magnesia. eda (2000 liss. 1856–1863), and 100 liss. Sulphate of Potass also, as on Plots 7, &c., 1856–1861). 13.1; and 800 liss. Sincher 13.622. and 800 liss. since. 13.622. are amount of Nitrogen as 400 list. of "Ammonia-salts." were first applied in 1859 (previously, 1856–1868 inclusive, Sawdust only). not commence until 1858.		
	N H		200 lbs. Ammonia-salts (0 [also, for the first 8 years, 1856-1863, 14 tons Farmyard Manure per acre per annum]. Unmanured, 1954 and since [for the first 8 years, 1856-1863, 14 tons Farmyard Manure per acre per annum].	a Superploted of Line (%)	Suppares of Fotass, Soda, and Magnesia (0); ditto Suppares of Potass, Soda, and Magnesia (0); ditto Suppares of Soda and Magnesia (0); ditto Suppares of Potass, Soda, and Magnesia (0); ditto Suppares of Potass, Soda, and Magnesia (0); ditto	Sulphates of Fotass, Soda, and Magnesia	Unmanured, contunuously	10       Bulphates of Potass, Soda, and Magnesia (9); "Superphosphate of Lime"       : and 550 lbs. Nitrate of Soda (8)         14       Sulphates of Potass, Soda, and Magnesia (9); "Superphosphate of Lime"       : and 550 lbs. Nitrate of Soda (8)         15       Sulphates of Potass, Soda, and Magnesia (9); "Superphosphate of Lime"       : and 275 lbs. ditto         16       Sulphates of Potass, Soda, and Magnesia (9); "Superphosphate of Lime"       : and 275 lbs. ditto	Mixture supplying the quantity of Potass, Soda, Lime, Magnesia, Phosphoric Acid,