

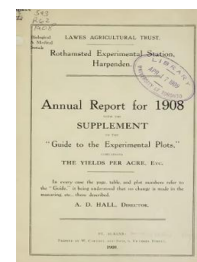
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Rothamsted Report for 1908

[Full Table of Content](#)



Hay the Park Grass Plots 1908 ; Botanical Composition per Cent First Crop 1908

Rothamsted Research

Rothamsted Research (1909) *Hay the Park Grass Plots 1908 ; Botanical Composition per Cent First Crop 1908* ; Rothamsted Report For 1908, pp 12 - 12 - DOI:

<https://doi.org/10.23637/ERADOC-1-100>

HAY. THE PARK GRASS PLOTS, 1908.

(See "Guide," page 19, Table XI.)

Plot.	Manuring.	Yield of Hay per Acre.		
		1st Crop.	2nd Crop.	Total.
		Cwt.	Cwt.	Cwt.
3)	Unmanured	11.5	2.3	13.8
12)		15.3	3.8	19.1
2	Unmanured (1)	15.6	2.0	17.6
1	Ammonium Salts alone (1)	22.5	5.0	27.5
4-1	Superphosphate of Lime	14.8	1.5	16.3
8	Mineral Manure without Potash	17.8	3.7	21.5
7	Complete Mineral Manure	36.8	10.5	47.3
6	As 7, 1869 and since (2)	34.1	11.2	45.3
15	As 7, 1876 and since (3)	36.5	11.9	48.4
5	Superphosphate and Potash, 1898 and since	19.5	3.7	23.2
17	Nitrate of Soda alone... ..	20.6	3.4	24.0
4-2	Superphosphate and Amm.-salts	34.3	2.0	36.3
10	Mineral Manure (without Potash) and Amm.-salts	35.7	4.6	40.3
9	Complete Mineral Manure and Amm.- salts	51.1	6.6	57.5
13	Dung and Fish Guano, once in 4 yrs. Complete Mineral Manure and extra Amm.-salts	28.5	6.9	35.4
11-1	As 11-1, and Silicate Soda	60.0	14.4	74.4
11-2	Complete Mineral Manure and Nit. Soda=43 lb. N.	62.7	15.9	78.6
16	Do. do. do. and Nit. Soda=86 lb. N.	38.2	9.3	47.5
14	Do. do. do. and Nit. Soda=86 lb. N.	54.3	7.2	61.5

Quick Lime (ground) at the rate of 2000 lb. per acre, applied to the South half of plots 1 to 4-2, 7 to 11-2, 13 and 16, in January, 1907.

(1) Received Farmyard Dung, 8 yrs., 1856-63. (3) Nitrate of Soda alone previously.
(2) Ammonium salts alone, previous to 1869.

BOTANICAL COMPOSITION, PER CENT.

First Crop, 1908.

(See "Guide," page 20, Table XII.)

Plot.	Manuring.	Gramineæ.	Leguminosæ.	Other Orders.
		Per cent.	Per cent.	Per cent.
3	Unmanured	55.6	12.7	31.7
4-1	Superphosphate of Lime	56.5	9.7	33.8
8	Mineral Manure without Potash	43.8	20.3	35.9
7	Complete Mineral Manure	56.0	28.8	15.2
6	As 7, 1869 and since (2)	50.8	33.9	15.3
15	As 7, 1876 and since (3)	59.0	21.2	19.8