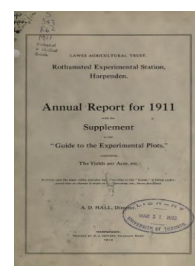


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Annual Report for 1911 With the Supplements to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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Hay the Park Grass Plots 1911 ; Botanical Composition per Cent First Crop 1911

Rothamsted Research

Rothamsted Research (1912) *Hay the Park Grass Plots 1911 ; Botanical Composition per Cent First Crop 1911* ; Annual Report For 1911 With The Supplements To The Guide To The Experimental Plots Containing The Yields Per Acre, Etc., pp 16 - 16 - DOI: <https://doi.org/10.23637/ERADOC-1-103>

HAY. THE PARK GRASS PLOTS, 1911.

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

Plot.	Manuring.	Yield of Hay per acre.		
		1st Crop.	2nd Crop.	Total.
		Cwt.		Cwt.
3)	Unmanured	17·3	NO SECOND CROP.	17·3
12)		19·0		19·0
2	Unmanured (1)	21·3		21·3
1	Ammonium Salts alone (1)	21·1		21·1
4-1	Superphosphate of Lime	20·4		20·4
8	Mineral Manure without Potash	23·6		23·6
7	Complete Mineral Manure	31·9		31·9
6	As 7, 1869 and since (2)	28·8		28·8
15	As 7, 1876 and since (3)	33·3		33·3
5	Superphosphate and Potash, 1898 and since	16·7		16·7
17	Nitrate of Soda alone	30·3		30·3
4-2	Superphosphate and Amm. Salts	26·5		26·5
10	Mineral Manure (without Potash) and Amm. Salts	31·1		31·1
9	Complete Mineral Manure and Amm. Salts	45·5		45·5
13	Dung and Fish Guano, once in 4 years	39·1		39·1
11-1	Complete Mineral Manure and extra Amm. Salts	46·5		46·5
11-2	As 11-1, and Silicate Soda	52·9		52·9
16	Complete Mineral Manure and Nit. Soda=43 lb. N.	39·9		39·9
14	Complete Mineral Manure and Nit. Soda=86 lb. N.	44·4		44·4

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 years, 1856—63. (3) Nitrate of Soda alone previously.

(2) Ammonium Salts alone previous to 1869.

BOTANICAL COMPOSITION, PER CENT.

First Crop, 1911.

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

Plot.	Manuring.	Gramineæ.	Leguminosæ.	Other Orders.
		Per cent.	Per cent.	Per cent.
3	Unmanured	45·7	4·5	49·8
4-1	Superphosphate of Lime	45·2	10·0	44·8
8	Mineral Manure without Potash	51·5	9·0	39·5
7	Complete Mineral Manure	65·3	10·4	24·3
6	As 7, 1869 and since (2)	58·3	12·1	29·6
15	As 7, 1876 and since (3)	61·8	4·8	33·4