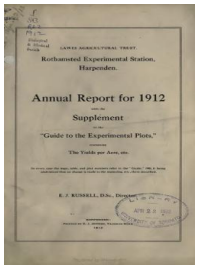
This work is licensed under a Creative Commons Attribution 4.0 International License.

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 readible, or you suspect there are some problems, please let us know and we will correct that.

Annual Report for 1912 With the Supplement to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



Full Table of Content

Hay the Park Grass Plots 1912 ; Botanical Composition per Cent First Crop 1912

Rothamsted Research

Rothamsted Research (1913) *Hay the Park Grass Plots 1912 ; Botanical Composition per Cent First Crop 1912 ;* Annual Report For 1912 With The Supplement To The Guide To The Experimental Plots Containing The Yields Per Acre, Etc., pp 19 - 19 **- DOI: https://doi.org/10.23637/ERADOC-1-104**

This work is licensed under a Creative Commons Attribution 4.0 International License.

HAY. THE PARK GRASS PLOTS, 1912.

(See "Guide," 1906, page 19, Table XI.)

Plot.	Manuring.	Yield of Hay per acre.		
		1st Crop.	2nd Crop.	Total.
		Cwt.	Cwt.	Cwt.
3	Unmanured	7·7	2·5	10·2
12		11·7	8·5	20·2
2	Unmanured (1)	11·5	4·0	15·5
1	Ammonium Salts alone (1)	13·5	10·1	23·6
4-1	Superphosphate of Lime	12·7	4·5	17·2
8	Mineral Manure without Potash ...	13·5	9·0	22·5
7	Complete Mineral Manure	27·9	18·5	46·4
6	As 7, 1869 and since (2)	23·3	14·5	37·8
15	As 7, 1876 and since (3)	24·5	12·5	37·0
5	Superphosphate and Potash, 1898 and since	9·0	6·7	15·7
17	Nitrate of Soda alone	23·2	8·0	31·2
4-2	Superphosphate and Amm. Salts ...	17·2	7·9	25·1
10	Mineral Manure (without Potash) and Amm. Salts	21·0	11·4	32·4
9	Complete Mineral Manure and Amm. Salts	28·2	7·8	36·0
13	Dung and Fish Guano, once in 4 years	28·5	13·8	42·3
11-1	Complete Mineral Manure and extra Amm. Salts	44·5	22·7	67·2
11-2	As 11-1, and Silicate Soda	47·7	24·9	72·6
16	Complete Mineral Manure and Nit. Soda = 43 lb. N.	29·2	11·5	40·7
14	Complete Mineral Manure and Nit. Soda = 86 lb. N.	38·4	14·5	52·9

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, 1912.

(See "Guide," 1906, page 20, Table XII.)

Plot.	Manuring.	Gramineæ.	Leguminosæ.	Other Orders.
		Per cent.	Per cent.	Per cent.
3	Unmanured	40·5	5·0	54·5
4-1	Superphosphate of Lime ...	32·5	13·6	53·9
8	Mineral Manure without Potash	30·2	5·0	64·8
7	Complete Mineral Manure ...	46·3	18·7	35·0
6	As 7, 1869 and since (2)	46·0	20·5	33·5
15	As 7, 1876 and since (3)	38·7	24·8	36·5

Digitized by Microsoft ®