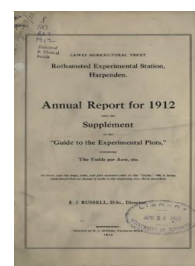


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## Annual Report for 1912 With the Supplement to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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### 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>

## 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 Line (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